Brown University, Providence, and New England

Brown University, Providence and Rhode Island together provide a pleasant and interesting setting for study, recreation, and daily life. From atop College Hill the University overlooks downtown Providence, the capital of Rhode Island and the second largest city in New England. The University was founded in 1764; its architecturally diverse buildings and quadrangles center on the original College Green. In the surrounding residential area are many houses that date back to colonial times, together with various historic sites, including the Old State House, where independence in America was first declared, and the First Baptist Meeting House, the oldest Baptist Church in America.

Contemporary life in Providence complements the city’s interesting history. One can walk from the campus to any of a variety of restaurants, to the nationally renowned Trinity Square Repertory Theater or a performance of the Rhode Island Philharmonic Orchestra, or to a jazz club or dance performance. Attractions also include several art galleries, including the museum of Brown’s college hill neighbor, the Rhode Island School of Design.

Rhode Island is especially known for recreational opportunities centered on the ocean and Narragansett bay, including boating, fishing, sailing and swimming. Newport, the site of some of the nation’s most magnificent mansions and for many years home of the America’s Cup sailing races, is less than an hour away. Providence is an hour by car, bus or train from Boston, an hour from Cape Cod, about three hours from major New Hampshire and Vermont ski areas, and three-and-one-half hours from New York City. At Green Airport, ten minutes from downtown Providence, several major airlines offer frequent service to all major points in the United States.
DIVISION HIGHLIGHTS

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The Division of Cardiology experienced a number of changes in 2001-2003, which will enhance it both academically and clinically.

Faculty growth continued with the addition of Kristin Ellison, M.D. (electrophysiology), Philip Stockwell, M.D., and Katherine Stansmore, M.D and Gary Katzman, M.D.. The Electrophysiology fellowship was expanded to 4 positions in a 2 year program, and outside funding was received for one of the positions in the form of a NASPE Advanced Clinical Training Award. The basic fellowship match continued to bring high quality graduates of US medical schools and residencies.

The electrophysiology program continued to grow clinically at both RIH and TMH. Importantly, Dr. Alfred Buxton received a large ($10 million) award from Medtronic to continue his multicenter research on the application of implanted defibrillators (the MUSTT II trial).

The Cardiac Catheterization Laboratory continued to be productive as a clinical research center with highly innovative studies initiated to (1) evaluate a left atrial appendage occluder for patients with atrial fibrillation, (2) employ hyperoxemic antegrade coronary perfusion following angioplasty for patients with acute myocardial infarction and (3) apply optical coherence tomography to image the lumen and walls of coronary arteries in patients. Drug eluting stents that became available clinically in the past year and show promise to significantly reduce in-stent restenosis underwent extensive testing and development at RIH prior to FDA approval.

The Cardiovascular Research Laboratory was studying ways to image angiogenesis, vascular smooth muscle proliferation and vascular apoptosis in swine models. These studies are being conducted with NIH funded RO1 support with Dr Lynne Johnson as PI. The laboratory is scheduled to relocate from the Southwest Pavilion into renovated space on Middle House 3 in 2003-2004.

The Cardiac Catheterization Laboratory converted to a completely filmless x-ray facility and the Echo Laboratory digitized its operation.

Non-invasive cardiology and cardiac imaging: The echocardiographic laboratory continues to do a high volume of imaging and is on the forefront of ultrasound imaging technology including tissue Doppler, 3D echocardiographic imaging, and contrast echocardiography. The nuclear cardiology laboratory also continues to do a high volume of scans. A second dual detector Vertex camera went on-line this year.
All technetium labeled tracers are imaged with attenuation correction to improve specificity. A Phillips/ADAC multi-ring 3D PET camera was installed in the Nuclear Medicine Department and opened for clinical imaging April 2003. Tumor imaging represents the major indication for PET imaging but cardiac imaging for myocardial viability will begin in mid 2003.

The Heart Failure/Cardiac Transplantation program opened a new facility on the APC fifth floor.

THE MIRIAM HOSPITAL

Dr. Alfred Parisi retired in June of 2002 as Chief of Cardiology and Division Director at Brown after 14 years in this position. He will remain active on the faculty and on The Miriam Hospital staff focusing his efforts on house staff and fellow education.

As of July 1, 2002 Dr. Ken Korr was named Chief of Cardiology at The Miriam Hospital.

Dr. Paul Gordon serves as the Coronary Care Unit Director. His role here ties in well with the evolution of cardiac services at The Miriam Hospital since so many CCU patients at The Miriam are received in transfer from outlying facilities in need of interventional cardiac procedures. Dr. Gordon is also Director of Interventional Cardiac Research at the hospital and continues to be very active in this area.

Dr. Gary Katzman completed his first year as Associate Director of the Coronary Care Unit after joining The Miriam Hospital based staff.

CARDIOLOGY FELLOWSHIPS

The two Cardiovascular fellowship training programs are now joined into a single program with a single match list for 6 fellows for 2004. There will be 18 clinical fellows in the new combined program with 6 fellows per year. Fellows will rotate through three hospitals- RIH, TMH and the Providence VAMC. In addition to the clinical track there will continue to be a program for fellows interested in EP that will include 2 years in the clinical program and 2 years as EP fellows. At the end of the 4 years they will be eligible to take the boards in CVD and the subspecialty boards in EP. There will also be a physician scientist track that will allow fellows interested in pursuing a career in academic cardiology to take 2 years as clinical fellows and 2 years of research that will allow them the opportunity to submit a K grant for independent funding during the fourth year.

Kenneth Korr, M.D., Associate Professor of Medicine; Director, Division of Cardiology, The Miriam Hospital
PATIENT CARE AREAS

CCU/ICU: The Miriam Hospital opened a new CCU/ICU in July, 2002. The CCU is a nine bed unit with individual rooms and the ICU is a 14 bed unit. There are 5 swing beds. House staff sleeping quarters, conference room space and a family consultation area were included in this large renovation.

Cardiac catheterization laboratory: Under the direction of Dr. Ken Korr, interventional cardiac procedures remain at an all time high, approximately 1500/year. Brachytherapy was added as an additional modality to treat in-stent restenosis. The lab is completely digital with the installation of the Heartlab system. Workstations in the CCU, 4 East and in the Fain Building facilitate patient care and are a resource for teaching house staff. Several ongoing interventional research projects continue. Plans for an updated third cath lab, new hemodynamic monitors and computerized cath reports are being implemented.

Echocardiography Laboratory: Through Dr. Sadanianzt’s efforts, the echo lab continues to be highly productive with a large case volume of 2D echo’s and an increasing volume of TEE’s and Stress echo’s. A revised daily Fellow’s teaching schedule has been implemented with fulltime faculty. A full-time secretary is on site, allowing sonographers to devote time exclusively to studying patients. Mr. Marc Couturier was appointed as lead sonographer. There is now sufficient staff so that Saturday studies are offered routinely. Digital echocardiography has been implemented with the Heartlab system. A new echo reporting system is being trialed. 3D echo capabilities are anticipated later this year.

Nuclear Cardiology: Under the direction of Dr. Tilkemeier, this area performs in excess of 2500 studies per year. The laboratory has been accredited through the American Society of Nuclear Cardiology. There are daily Fellow reading sessions with Dr. Tilkemeier.

Faculty Members

FULL-TIME FACULTY
(Hospital or Foundation Based)

Eric Berger, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
David Brill, M.D., Clinical Assistant Professor, University Cardiology Foundation
Douglas Burtt, M.D., Clinical Assistant Professor, Miriam Hospital, University Cardiology Foundation
Alfred Buxton, M.D., Professor, Rhode Island Hospital, University Cardiology Foundation
Chester Chmielewski, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Fredric Christian, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Thomas Drew, M.D., Clinical Associate Professor, Rhode Island Hospital, University Cardiology Foundation
Jonathan Elion, M.D., Associate Professor, Miriam Hospital
Kristen Ellison, M.D., Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Michael Gilson, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Paul Gordon, M.D., Clinical Assistant Professor, Miriam Hospital, University Cardiology Foundation
Ned Gutman, M.D., Clinical Assistant Professor, Miriam Hospital, University Cardiology Foundation
Lynne Johnson, M.D., Professor, Rhode Island Hospital, University Cardiology Foundation
Gary Katzman, M.D., Clinical Assistant Professor, Miriam Hospital, University Cardiology Foundation
Edward Keating, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Malcolm Kirk, M.D., Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Kenneth Korr, M.D., Director, Associate Professor, Miriam Hospital, University Cardiology Foundation
Jon Lambrecht, M.D., Clinical Assistant Professor, Miriam Hospital, University Cardiology Foundation
Jeffrey Leavitt, M.D., Assistant Professor, Memorial Hospital
Daniel Levine, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Christopher Luttmann, M.D., Clinical Assistant Professor, Miriam Hospital, University Cardiology Foundation
George McKendall, M.D., Associate Professor, Rhode Island Hospital, University Cardiology Foundation
Gregory Michaud, M.D., Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Albert S. Most, M.D., Director, Professor, Rhode Island Hospital, University Cardiology Foundation
Alfred Parisi, M.D., Director, Professor Emeritus, Miriam Hospital, University Cardiology Foundation
Athena Poppas, M.D., Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Roger Raymond, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Raymon Riley, M.D., Clinical Professor Emeritus, Rhode Island Hospital, University Cardiology Foundation
Ara Sadaniantz, M.D., Associate Professor, Miriam Hospital, University Cardiology Foundation
Barry Sharaf, M.D., Associate Professor, Rhode Island Hospital, University Cardiology Foundation
Satish Sharma, M.D., Associate Professor, VA Medical Center
Alan Shurman, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
Katharine Stansmore, M.D., Clinical Instructor, Rhode Island Hospital, University Cardiology Foundation
Philip Stockwell, M.D., Clinical Assistant Professor, Miriam Hospital, University Cardiology Foundation
Peter Tilkemeier, M.D., Associate Professor, Miriam Hospital, University Cardiology Foundation
Marilyn Weigner, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Cardiology Foundation
David Williams, M.D., Professor, Rhode Island Hospital, University Cardiology Foundation
Wen-Chih Wu, M.D., Assistant Professor, VA Medical Center

VOLUNTEER FACULTY
Moses Aboagye-Kumi, M.D., Clinical Assistant Professor, Miriam Hospital
Gilbert Altony, M.D., Clinical Assistant Professor, Memorial Hospital
M. Wajid Baig, M.D., Clinical Assistant Professor, Rhode Island Hospital
Anthony Cannistra, M.D., Clinical Assistant Professor, Memorial Hospital
Lauralyn Cannistra, M.D., Clinical Assistant Professor, Memorial Hospital
Frank Capizzo, M.D., M.S., Clinical Assistant Professor, Rhode Island Hospital

FACULTY TRANSITIONS

<table>
<thead>
<tr>
<th>Departing Faculty</th>
<th>Former Position</th>
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<tbody>
<tr>
<td>Name</td>
<td>Position</td>
</tr>
<tr>
<td>David Brill, M.D.</td>
<td>Clinical Assistant Professor, Miriam Hospital</td>
</tr>
<tr>
<td>Richard Carleton, M.D.</td>
<td>Professor Emeritus, Memorial Hospital</td>
</tr>
<tr>
<td>Robert Golub, M.D.</td>
<td>Clinical Assistant Professor, Miriam Hospital</td>
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<tr>
<td>Tumkur Kumar, M.D.</td>
<td>Clinical Assistant Professor, Memorial Hospital</td>
</tr>
<tr>
<td>Jeffrey Latham, M.D.</td>
<td>Clinical Instructor, Roger Williams Medical Center</td>
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<tr>
<td>Jeffrey Leavitt, M.D.</td>
<td>Assistant Professor, Memorial Hospital</td>
</tr>
<tr>
<td>Robert Perdoncin, M.D.</td>
<td>Clinical Assistant Professor, VAMC</td>
</tr>
<tr>
<td>Charles Rogers, M.D.</td>
<td>Clinical Assistant Professor, Miriam Hospital</td>
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<tr>
<th>New Faculty</th>
<th>Former Position</th>
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<tbody>
<tr>
<td>Name</td>
<td>Position</td>
</tr>
<tr>
<td>Kristen Ellison, M.D.</td>
<td>Instructor, Harvard Medical School</td>
</tr>
<tr>
<td>Peter Gibson, M.D.</td>
<td>Fellow, Brown Medical School</td>
</tr>
<tr>
<td>Gary Katzman, M.D.</td>
<td>Fellow, Brown Medical School</td>
</tr>
<tr>
<td>Shafiq Mamdani, M.D.</td>
<td>Fellow, Yale School of Medicine</td>
</tr>
<tr>
<td>Mitchel Sklar, M.D., FACC</td>
<td>Partner, North Texas Heart Center</td>
</tr>
<tr>
<td>Katharine Stansmore, M.D.</td>
<td>Fellow, Beth Israel Deaconess Medical Center</td>
</tr>
<tr>
<td>Philip Stockwell, M.D.</td>
<td>Fellow, Columbia University</td>
</tr>
<tr>
<td>Wen-Chih Wu, M.D.</td>
<td>Fellow, Brown Medical School</td>
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<tr>
<th>Faculty Rank</th>
<th>Position</th>
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<tbody>
<tr>
<td>Assistant Professor</td>
<td>Clinical Assistant Professor</td>
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<tr>
<td>Clinical Instructor</td>
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<td>Clinical Instructor</td>
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<td>Clinical Instructor</td>
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<td>Clinical Instructor</td>
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<tr>
<td>Assistant Professor</td>
<td>Clinical Assistant Professor</td>
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</tbody>
</table>
Robert Carnevale, M.D., Clinical Assistant Professor, Rhode Island Hospital
David Fortunato, M.D., Clinical Assistant Professor, VA Medical Center
Joseph Gaeta, M.D., Clinical Assistant Professor, Rhode Island Hospital
Carol Garber, Ph.D., Clinical Associate Professor, Memorial Hospital
Peter Gibson, M.D., Clinical Instructor, Memorial Hospital
Robert Golub, M.D., Clinical Assistant Professor, Miriam Hospital
Suhdong Hahn, M.D., Clinical Assistant Professor, Memorial Hospital
Andrew Hordes, M.D., Clinical Associate Professor, Memorial Hospital
Jack Klie, M.D., Clinical Assistant Professor, Miriam Hospital
Tumkur Kumar, M.D., Clinical Assistant Professor, Memorial Hospital
Kenneth LaBresh, M.D., Clinical Associate Professor, Roger Williams Medical Center
Jeffrey Latham, M.D., Clinical Instructor, Roger Williams Medical Center
William Levin, M.D., Clinical Associate Professor, Miriam Hospital
Shafiq Mamdani, M.D., Clinical Instructor, Memorial Hospital
James Mancini, M.D., Clinical Assistant Professor, Rhode Island Hospital
Richard Mead, M.D., Clinical Associate Professor Emeritus, Rhode Island Hospital
Robert Meringolo, M.D., Clinical Assistant Professor, Miriam Hospital
Thomas Noonan, M.D., Clinical Assistant Professor, Memorial Hospital
Robert Perdoncin, M.D., Clinical Assistant Professor, VAMC
Arthur Phillips, M.D., Clinical Assistant Professor Emeritus, Memorial Hospital
Barbara Roberts, M.D., Clinical Associate Professor, Miriam Hospital
Charles Rogers, M.D., Clinical Assistant Professor, Miriam Hospital
Gisele Saliba, M.D., Clinical Assistant Professor, Miriam Hospital
Franklin Schneider, M.D., Clinical Instructor, Miriam Hospital
Robert Schwengel, M.D., Clinical Assistant Professor, Miriam Hospital
Richard Shulman, M.D., Clinical Associate Professor, Miriam Hospital
Mitchel Sklar, M.D., FACC, Clinical Instructor, Miriam Hospital
Joseph Spinale, D.O., Clinical Instructor, Miriam Hospital
Joseph Terlato, M.D., Clinical Assistant Professor, Rhode Island Hospital
Edward Thomas, M.D., Clinical Assistant Professor, Rhode Island Hospital

ADJUNCT FACULTY
David DeNofrio, M.D., Adjunct Assistant Professor, Rhode Island Hospital
Vilma Torres, M.D., Adjunct Clinical Associate Professor, Miriam Hospital

National and International Honors and Recognition of Faculty

Alfred E. Buxton, M.D.
• Associate Editor, The American Journal of Cardiology
Editorial Boards:
• Journal of Cardiovascular Electrophysiology
• Journal of American College of Cardiology
Invited Presentations:
• Heart Failure Society of America – 5th Annual Scientific Meeting – “Prevention of Sudden Death in Patients with Heart Failure-Evidence from Recent Clinical Trials”, Washington, DC
• North American Society of Pacing and Electrophysiology, 23rd Annual Meeting – Core Curriculum – Update on Clinical Trials – “The MUSTT Study – Recent Substudies”, San Diego, CA
• 11th International Congress on Cardiovascular Pharmacotherapy – “Management of Ventricular Arrhythmias”, Montreal, Canada
Kristin Elizabeth Ellison, M.D.

Invited Presentations:
• Northeastern University Cardiovascular Perfusion Course – “Antiarrhythmic Drugs”, Boston, MA

Paul C. Gordon, M.D.
• Certificate of Completion, Novoste Beta-Cath System

Lynne L. Johnson, M.D.
• Founding Member, American Society of Nuclear Cardiology
• Member, Research Grants Committee for ASNC
• Appointed as Co-Chair of the Research Grants Committee for American Society of Nuclear Cardiology
• Appointed to serve on Program Committee for annual national meeting of ASNC for 2003
• Appointed to serve on Spotlight Program Committee for American College of Cardiology annual meeting in 2004
• Appointed to serve another four year term on the Diagnostic Imaging Study Section at the NHLBI
• Appointed Chair Brown University Department of Medicine Tenure and Promotions Committee

Editorial Boards:
• American Heart Journal
• Journal of American College of Cardiology
• Abstract reviewer for annual scientific sessions of American Heart Association and Society of Nuclear Medicine and American College of Cardiology, International Congress of Nuclear Cardiology I, II, III
• Abstract grader for Society of Nuclear Medicine, American Society of Nuclear Cardiology and American College of Cardiology
• Co-chairperson for original paper sessions for annual scientific sessions of American Heart Association, American College of Cardiology, and Society of Nuclear Medicine
• Manuscript reviewer for Circulation, Journal of Nuclear Medicine, American Journal of Cardiology, Journal of the American College of Cardiology, American Journal of Medicine

Invited Presentations:
• Invited speaker at the Annual Meeting of the Portuguese Heart Association Algarve Portugal May 2002
• Invitational Meeting ASNC Lake Tahoe CA July 2002
• Invited speaker Nuclear Medicine Seminar at Harvard University Nov 2002,
• Invited speaker Sixth International Congress of Nuclear Cardiology Florence Italy April 2003.

Kenneth S. Korr, M.D.
• Secretary/Treasurer: Rhode Island Chapter of the American College of Cardiology
• Certificate of Completion, Novoste Beta-Cath System
• Voted Top 10 Cardiologists in Rhode Island, Rhode Island Monthly

George R. McKendall, M.D.
• Member, Board of Governors Steering Committee, American College of Cardiology
• Member, Board of Governors Working Group on State and Federal Advocacy, American College of Cardiology
• Member, Nominating Committee, American College of Cardiology
• Member, Cardiac Catheterization and Intervention Committee, American College of Cardiology
• Council Member, Rhode Island Chapter of the American College of Cardiology
• Chairman, Annual Meeting and Education Committee, Rhode Island Chapter of the American College of Cardiology
• Abstract Grader, American College of Cardiology 52nd Annual Scientific Session
• Abstract Grader, International Symposium of Transcatheter Cardiovascular Therapeutics (TTC) 14th Annual Session
• Abstract Grader, International Symposium of Transcatheter Cardiovascular Therapeutics (TTC) 15th Annual Session
• Relevance Reviewer for Cardiovascular Disease, American Board of Internal Medicine
• American College of Cardiology 49th Annual Scientific Session, Invited Lecturer: Cardiogenic Shock Without Mechanical Defects: Nonsurgical Therapies

Alfred Parisi, M.D.
• Selected for listing in “Best Doctors”
• Associate Editor, American College of Cardiology Current Review Journal

Athena Poppas, M.D.
• Member, NHLBI-BARI 2D Steering Committee, Working Group–Cardiovascular Pharmacological and Hypertension Management
• Executive Council and Chairperson, Education Committee, American College of Cardiology, Rhode Island Chapter
• Abstract Reviewer and Program Moderator, American Society of Echocardiography, American College of Cardiology
- Abstract Reviewer/Program Moderator, Scientific Sessions, American Heart Association
- Reviewer, Intersociety Commission for the Accreditation of Echocardiography Laboratories
- American Society of Echocardiography: Women’s Health Advisory Group, Membership Steering Committee
- Governor-elect for RI American College of Cardiology
- Women in Cardiology Committee of the American College of Cardiology
- Allied Health Professionals Committee of the American Society of Echocardiography: Women’s Health Advisory Group

**Invited Presentations:**
- Heart Disease in Women, ACP-ASIM Internal Medicine Update, Newport, Rhode Island

**Ara Sadaniantz, M.D.**
- Guest editor for special section in journal *Echocardiography*
- Section editor for the new column in cardiovascular reviews and reports dealing with innovative and unusual therapies in cardiovascular medicine

**Barry L. Sharaf, M.D.**

**Editorial Boards:**
- *Journal of the American College of Cardiology*
- *Coronary Artery Disease*
- *American Journal of Managed Care*

**Invited Presentations:**
- Are We Making Any Progress in the Diagnosis and Therapy of Cardiovascular Disease in Women? Findings from the NHLBI-Sponsored Women’s Ischemia Syndrome Evaluation (WISE) Study. Cardiology Grand Rounds, Einstein Hospital, Bronx, New York
- Coronary Angiography. Residency Conference, Rhode Island Hospital, Providence, RI

**Peter L. Tilkemeier, M.D.**
- Masters of Medical Management, Carnegie-Mellon University
- Member, National Pharmacy and Therapeutics Committee, CIGNA Healthcare, and Laboratory Accreditation Committee for Nuclear Cardiology

**Invited Lecturer:**
- International Symposium on Cardiovascular Nuclear Medicine, Beijing, China

**David O. Williams, M.D.**

**Editorial Boards:**
- *American Heart Journal*
- *Circulation*
- *Interventional Cardiology*
- *ACCEL Editorial Board*
- *American Journal of Medicine*
- *Journal of the American College of Cardiology*
- *Editorial Consultant, The Medical Letter*

**Editorial Review:**
- *Annals of Internal Medicine*
- *Chest*
- *Circulation*
- *Journal of the American College of Cardiology*
- *Journal of Thoracic and Cardiovascular Surgery*
- *New England Journal of Medicine*

**Steering committees, program committees:**
- Member, American Board Internal Medicine, Interventional Cardiology Test Committee
- Chairman, Angioplasty Sub-committee, Maryland Health Care Commission
- Program Committee and Speaker: Scientific Sessions American Heart Association
- Member, ACC/AHA Guidelines Committee for Coronary Angioplasty

**Invited Presentations:**
- Invited speaker for Scientific Sessions American College of Cardiology, Transcatheter Therapeutics, ACC Cardiology at Snowmass
Research and Other Scholarly Activities

FACULTY MEMBERS OF STUDY SECTIONS AND ADVISORY COMMITTEES

Alfred E. Buxton, M.D.
- Member, National Advisory Panel to NIH CARD PORT “Sudden Cardiac Death” – Stanford University School of Medicine, Mark Hlatky, Principal Investigator
- Committee Membership of the American College of Cardiology: ACC/AHC/ACP-ASIM Committee to Revise the 1995 Statement on Electrocardiography

Paul C. Gordon, M.D.
- Clinical Research Review Board, The Miriam Hospital
- Blue Cross/Blue Shield of Rhode Island Cardiology Advisory Committee

Lynne L. Johnson, M.D.
- Consultant for Therox, Inc., Irvine, CA
- Lifespan Research Advisory Committee
- Editorial Board: Journal of American College of Cardiology
- Member NHLBI Diagnostic Imaging Study Section (second term)
- Program Committee for ASNC National Meeting 2003
- Program Committee for Spotlight Sessions American College of Cardiology Meeting 2004
- Co-chair Research Grants Committee ASNC

George R. McKendall, M.D.
- Editorial and Advisory Board, The Journal of Thrombosis and Thrombolysis
- Reviewer, Catheterization and Cardiovascular Diagnosis
- Member, Steering Committee, Double-Blind, Randomized, Multicenter Trial of Single-Bolus Lanoteplase vs. Accelerated Alteplase for the Treatment of Subjects with Acute Myocardial Infarction (In Time II, a multicenter international trial)
- Abstract Grader, American Heart Association 71st, 72nd, 73rd Scientific Sessions (three year term)
- Member, Occluded Artery Trial (OAT) Mortality and Morbidity Classification Committee

Gregory Michaud, M.D.
- Manuscript Reviewer:
  - Journal of Cardiovascular Electrophysiology
  - Journal of Interventional Cardiac Electrophysiology
  - Circulation
  - Lancet
  - Pacing and Clinical Electrophysiology

Alfred Parisi, M.D.
- Azithromycin Coronary Events Study (ACES)
  - Chairman, Steering Committee
  - Member, Executive Committee
  - Member, Events Committee

Athena Poppas, M.D.
- Abstract Reviewer and Program Moderator, American Society of Echocardiography
- Annual Scientific Sessions
- Abstract Reviewer and Session Moderator, American College of Cardiology
- Manuscript Reviewer, Journal of the American Society of Echocardiography
- Manuscript Reviewer, American Heart Journal
- Member, NHLBI-BARI 2D Steering Committee, Working Group – Cardiovascular Pharmacological and Hypertension Management
- Scientific Sessions Abstract Reviewer/Program Moderator, American Heart Association
- Reviewer, Intersociety Commission for the Accreditation of Echocardiography Laboratories
- American Society of Echocardiography: Women’s Health Advisory Group
  - Membership Steering Committee
  - Member Lifespan IRB committee
- Course co-director Cardiology for the Primary Care Provider, RI Chapter of ACC

Barry L. Sharaf, M.D.
- Member, Steering Committee, Bypass Angioplasty Revascularization Investigation (BARI), National Heart, Lung and Blood Institute
- Member, Women’s Ischemic Syndrome Evaluation (WISE), Operations Committee, National Heart, Lung and Blood Institute
- Chapter Author, American College of Cardiology, Cardiac Catheterization and Coronary Intervention Self Assessment Program (CathSAP)
- Chairman, AVI Biopharma DSMB, Eminent Research

Peter L. Tilkemeier, M.D.
- Moderator, Scientific Sessions, Society of Nuclear Medicine Annual Meeting
- Abstract Reviewer, American College of Chest Physicians, Annual Scientific Meeting
David O. Williams, M.D.
• Board Member, American Board of Internal Medicine, Interventional Cardiology Test Committee
• Member, American Federation of Clinical Research
  National Heart, Lung and Blood Institute Committees:
  The Registry for Percutaneous Transluminal Coronary Angioplasty
  Member, Executive Committee
  Member, Steering Committee
• Data, Safety and Monitoring Committee:
  Should We Emergently Revascularize Occluded Coronaries For Cardiogenic Shock
• Veterans Administration Research Service
  Data, Safety and Monitoring Committee – CSP #267
  Percutaneous Coronary Angioplasty (PTCA), The ACME Trial

National Committees:
• American College of Cardiology
• Coding and Nomenclature Committee
• Economics of Health Care Delivery Committee
• Cardiac Catheterization Committee, 1998-2004, Chair, 2002-2004
• ACC Career Development Awards Competition in Acute Coronary Syndromes
• Member, Cardiac Care Advisory Committee for the Rhode Island State Department of Health

Advisory Boards or Committees:
• Thrombolysis in Myocardial Infarction Trial (TIMI) (NO1 HV38023)
• National Heart, Lung and Blood Institute
  Member, Steering Committee
  Chairman, Subcommittee on Acute Catheterization
  Member, Executive Committee
  Member, Forms Committee
  Chairman, Committee on Coronary Angioplasty
• Bypass Angioplasty Revascularization Investigation (BARI) (5 U01 HL38532)
• National Heart, Lung and Blood Institute, Principal Investigator
  Member, Steering Committee
  Member, Executive Committee
  Chairman, PTCA Committee
  Member, Analysis Committee
  Member, Operations Committee

TEACHING ACTIVITIES

EDUCATION HONORS

Alfred Parisi, M.D.
• Teacher of The Year, Brown Medical School, Combined Cardiovascular Diseases Fellowship Program

David O. Williams, M.D.
• Dean’s Teaching Excellence Award. In recognition of exemplary teaching in Bio 301: Clerkship in Medicine

Ara Sadaniantz, M.D.
• Best Teacher Award presented by 2002 Cardiology Fellows

Hank Wu, M.D.
• Best Teacher Award, TMH, presented by 2003 Cardiology fellows

TEACHING RESPONSIBILITIES

Douglas Burtt, M.D.
• Dr. Burtt continues in his leadership of BioMed 281, Introduction to Cardiovascular Pathophysiology. It remains one of the most popular segments of this second year medical school course.

Alfred Buxton, MD
• Program Director, Electrophysiology Fellowship

Lynne Johnson, MD
• Program Director, Combined Program in Cardiovascular Disease Fellowship

Kenneth S. Korr, M.D.
• Lecturer, Biomed IMS-281 – Valvular Heart, Brown Medical School
• “Treating Heart Disease in Women: The Latest Interventions”–Women’s Wellness Workshop
• Program Director, Interventional Cardiology Fellowship, The Miriam Hospital
• Miriam Hospital Noon Conf.: Ischemic Heart Disease

George McKendall, MD
• Director, CCU Rotation, Rhode Island Hospital

Albert S. Most, M.D.
• Basic electrocardiography for third year medical students on medical clerkships

Peter L. Tilkemeier, M.D.
• Program Director, Combined Program in Cardiovascular Disease Fellowship

David Williams, MD
• Program Director, Interventional Cardiology Fellowship, Rhode Island Hospital

Hank Wu, M.D.
• Co-section leader
## CARDIOLOGY FELLOWSHIP PROGRAM

### Departing Fellows – Rhode Island Hospital

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
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<td><strong>Interventional Cardiology</strong></td>
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<tr>
<td>Michael Berlowitz, M.D.</td>
<td>University of Michigan Medical School</td>
<td>Emory University</td>
<td>Rochester General Hospital</td>
</tr>
<tr>
<td>Steven Lee, M.D.</td>
<td>Brown Medical School</td>
<td>Brown Med. Sch., Internal Med.</td>
<td>Southwest Florida Heart Group</td>
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<tr>
<td><strong>General Cardiology</strong></td>
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<tr>
<td>Jon C. Gaudio, M.D.</td>
<td>Albert Einstein College Of Medicine</td>
<td>University of Colorado Health Science Center</td>
<td>Eastern Connecticut Cardiology Group</td>
</tr>
<tr>
<td>Brian A. Hanlon, M.D.</td>
<td>SUNY – Buffalo</td>
<td>Brown Med. Sch., Internal Med.</td>
<td>Southwest Florida Heart Group</td>
</tr>
<tr>
<td>Keith A. Landesman, M.D.</td>
<td>University of Connecticut</td>
<td>Brown Med. Sch., Internal Med.</td>
<td>The Heart Physicians, Stamford, CT</td>
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### Current Fellows – Rhode Island Hospital

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<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
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<tbody>
<tr>
<td><strong>General Cardiology Fellows</strong></td>
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<tr>
<td>Edward J. Choi, M.D.</td>
<td>Wake Forest University School of Medicine</td>
<td>UMDNJ-Robert Wood Johnson</td>
</tr>
<tr>
<td>Mark C. Heckel, M.D.</td>
<td>Temple University School of Med.</td>
<td>Rhode Island Hospital/ The Miriam Hospital</td>
</tr>
<tr>
<td>Jamie H. Kim, M.D.</td>
<td>Tufts University School of Medicine</td>
<td>New England Medical Center</td>
</tr>
<tr>
<td>Maria T. Anderson, M.D.</td>
<td>Tufts University School of Medicine</td>
<td>Travis Air Force Base</td>
</tr>
<tr>
<td>George G. Scleparis, M.D.</td>
<td>Tufts University School of Medicine</td>
<td>University of Massachusetts Medical Center</td>
</tr>
<tr>
<td>Linda G. Yan, M.D.</td>
<td>University at Buffalo School of Medicine</td>
<td>University Hospital at Stony Brook</td>
</tr>
<tr>
<td><strong>Electrophysiology</strong></td>
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<tr>
<td>Bryan H. Frain, M.D.</td>
<td>Tulane University School of Medicine</td>
<td>University of South Carolina Fellow: University of South Carolina</td>
</tr>
<tr>
<td>Charles Koo, M.D.</td>
<td>SUNY – Stony Brook</td>
<td>Beth Israel Deaconess Hospital</td>
</tr>
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### Departing Fellows – The Miriam Hospital

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
<th>Post Graduate Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Bailey, M.D.</td>
<td>Univ. College London Medical School</td>
<td>Yale University</td>
<td>Interventional Cardiology</td>
</tr>
<tr>
<td>Manoj K. Eapen, M.D.</td>
<td>Trivandrum Med. School, Kerala University, India</td>
<td>Brown Medical School</td>
<td>Private Practice in MO</td>
</tr>
<tr>
<td>Jocelyn Fernandez, M.D.</td>
<td>Univ. of the Philippines College of Medicine</td>
<td>State Univ. of NY</td>
<td>UPMC – Academic</td>
</tr>
<tr>
<td>John V. Golding, M.D.</td>
<td>Meharry Medical College School of Medicine</td>
<td>Washington Hospital Center</td>
<td>Interventional Cardiology</td>
</tr>
<tr>
<td>Naji Hamdan, M.D.</td>
<td>Howard University School of Medicine</td>
<td>St. Vincent Hospital</td>
<td>Private Practice in Oregon</td>
</tr>
<tr>
<td>Sameh N. Khouzam, M.D.</td>
<td>Ain Shams Univ., Cairo, Egypt Northwestern University Medical School</td>
<td>Cleveland Clinic</td>
<td>EP Fellowship at RIH</td>
</tr>
<tr>
<td>H. David Lu, M.D.</td>
<td>Northwestern University Medical School</td>
<td>Baylor College of Medicine</td>
<td>Private Practice in MA</td>
</tr>
<tr>
<td>G. Mark Tussey, M.D.</td>
<td>University of Kentucky</td>
<td>University of Virginia</td>
<td>Private Practice in Kentucky</td>
</tr>
<tr>
<td>Vikas Verma, M.D.</td>
<td>All India Institute of Medical Sciences, New Delhi, India</td>
<td>Marion Memorial Hospital</td>
<td>Private Practice in Florida</td>
</tr>
<tr>
<td>Wen-Chih Wu, M.D.</td>
<td>Univ. of Costa Rica, San Jose, Costa Rica School of Medicine</td>
<td>Univ. of Connecticut</td>
<td>VA Medical Center, Providence, RI – Academic</td>
</tr>
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### Current Fellows – The Miriam Hospital

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<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>George Aziz, M.D.</td>
<td>Medical College of Ohio</td>
<td>Loyola University Medical Center</td>
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<tr>
<td>Janak H. Bhavsar, M.D.</td>
<td>UMDNJ – New Jersey Medical School</td>
<td>Mayo Clinic</td>
</tr>
<tr>
<td>Daniel E. Guralnick, M.D.</td>
<td>University of Alabama</td>
<td>Virginia Mason Medical Center</td>
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<tr>
<td>Linda A. Ireland, M.D.</td>
<td>Philadelphia College of Osteopathic Med.</td>
<td>Lehigh Valley Hospital</td>
</tr>
<tr>
<td>Andrew A. Nowak, M.D.</td>
<td>UMass Medical School</td>
<td>UMass Medical Center</td>
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<tr>
<td>Pranav M. Patel, M.D.</td>
<td>St. Louis University</td>
<td>Case Western Reserve University</td>
</tr>
<tr>
<td>Kai Sung, M.D.</td>
<td>Columbia Univ. of Physicians &amp; Surgeons</td>
<td>Baylor College of Medicine</td>
</tr>
<tr>
<td>John W. Waggoner, M.D.</td>
<td>Oregon Health Sciences University</td>
<td>University of Vermont/FAHC</td>
</tr>
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</table>
SMALL GROUP FACILITATORS

Daniel Levine, M.D.
Hank Wu, M.D.
Ara Sadaniantz, M.D.
- Course Leader, BioMed 217 – Echocardiography Lab, Cardiovascular physiology course
- Lecturer, echocardiography and cardiac physiology
- Live demonstration of echocardiography

Chi-Ming Hai, Ph.D.
- Course Director

SELECTED PUBLICATIONS

Alfred E. Buxton, M.D.

Lynne L. Johnson, M.D.

Malcolm Moore Kirk, M.D.

Kenneth S. Korr, M.D.

George R. McKendall, M.D.


**Ara Sadaniantz, M.D.**


**David O. Williams, M.D.**


BASIC RESEARCH

Lynne Johnson, M.D.
• Coronary Aqueous Oxygen Infusion Titration, TherOx, Incorporated
• Aqueous Oxygen Infusion Via Venous Route, TherOx Incorporated
• Imaging Apoptosis to Detect Unstable Atheromatous Plaque, MCP Hahnemann University/NIH
• Imaging Intimal Hyperplasia, Myocyte Hypoxia, Necrosis, NIH/National Heart Lung & Blood Institute
• Optical Coherence Tomography in Coronary Imaging, Lightlab Imaging, LLC
• External Counterpulsation for Myocardial Infarction, University of Rhode Island
• Imaging Angiogenesis in Chronic Hibernation, NIH/National Heart, Lung and Blood Institute

CLINICAL RESEARCH

Alfred Buxton, M.D.
• PainFREE RX II Extension Study, Medtronics Incorporated
• InControl Metrix Automatic Atrial Defibrillation System Clinical Study, InControl Incorporated
• Fractal - Fibrillation Registry Assessing Costs, Therapies, Adverse Events and Lifestyle, Beth Israel/ Medtronics Corporation
• Dual-Site Atrial Pacing to Prevent Atrial Fibrillation (DAPPAF) Clinical Trial, Medtronic Incorporated
• Sudden Cardiac Death in Heart Failure Trial, Duke University/NHLBI
• Does Pacing Fast VT Reduce Shock Rx, Medtronics Incorporated
• Atrial Fibrillation and Congestive Heart Failure, Research Centre of the Montreal Heart Institute
• Fatty Acid Antiarrythmia Trial (FAAT), Massachusetts General Hospital/NHLBI
• MUSTT (Guidant), Guidant Corporation
• Swine Study CR Bard, C.R.Bard, Incorporated
• MUSTT (Medtronics), Medtronics Incorporated
• Identification of Protein Markers for Sudden Cardiac Death in VT/VF Patients, Medtronics Incorporated

Frederick Christian, M.D.
• Atrial High Rate Episodes in Pacemaker Patients, Medtronics Incorporated

Kristin Ellison, M.D.
• Synergistic Effects of Risk Factors for Sudden Cardiac Death, Guidant Corporation
• Hemodynamic Effects of Biventricular Pacing After Open-Heart Surgery, Medtronics Incorporated
• Atrial Synchronous Biventricular Pacing Device, Medtronics Incorporated

Paul Gordon, M.D.
• ICE-IT Trial, Innercool Therapies
• Palmaz-Schatz Crown Balloon Expandable Stent Mounted on the PowerGrip Over The Wire SDS Study, Cordis (J&J)
• AIMI Study, Possis Medical
• Asteroid Study, AstraZeneca
• A Randomized Comparison of the ACS Multi-Link Stent with or Without Adjunctive Directional Coronary Atherectomy (DCA) In Treatment Of Patients With De Novo and Restenotic Native Coronary Artery Lesions, Advanced Cardiovascular Sys
• NIR Vascular Advanced North American System Trial, Medinol Ltd.
• PALMAZ-SCHATZ Mini-Crown Balloon Expandable Stent on the Dynasty DS Over-the-, Cordis (J&J)
• A Prospective, Randomized, Double Blind, Multi-center Study Comparing the Effects of Atorvastatin versus Pravastatin on the Progression and quantification of coronary Atherosclerotic Lesions as Measured by Intravascular Ultrasound, Warner-Lambert Co/The Covalent Group
• SVG Registry, Metronic AVE
• A Randomized, Double-Blind Placebo-Controlled Study of Two Intravenous Dosing Regimens of h5G1.1-scF, Kendle International Inc.
• A Multicenter Study of 5-Year Follow-up for the CrossFlex LC Balloon-Expandable Stent Mounted on the OTw Delivery System in Patients with De Novo or Restenotic Native coronary Artery Lesions, Cordis, Corp.
• Tenax XR Registry, BioTronik, Inc.
A Phase 2, Multicenter, Double-Blind, Placebo-Controlled, Dose-Ranging Study to Evaluate the Safety and Efficacy of BP-653 in the Prevention of Post Angioplasty Restenosis in Stented Lesions, Chugai Biopharm.

A Prospective, Randomized, Open-label, Multicenter Study in Patients Presenting with Acute Coronary Syndromes, Aventis Pharmaceuticals Products, Incorporated

A Prospective, Randomized Trial Evaluating the Taxus Paclitaxel-Eluting Coronary Stent in De Novo Coronary Stent in De Novo Coronary Lesions and In-Stent Restenosis, Parexel/BSC

TriActiv System Randomized Multicenter Clinical Trial, Kensey Nash Corporation

Lynne Johnson, M.D.

Tc-99m Glucarate for Chest Pain Triage in Emergency Room - Phase II, Molecular Targeting Technologies

Assessing the Prognostic Value of Gated SPECT Using a Multihospital Nuclear Cardiology Database, Dupont Merck Pharmaceutical Company

A Phase III Open Label Single Crossover Study to Confirm the Diagnostic Potential of Intravenously A, CIS-US, Incorporated

Malcolm Kirk, M.D.

Alternans Before Cardioverter Defibrillator Trial, Pacsetter, Incorporated, a St. Jude Company

Device Evaluation of CONTAK RENEWAL 2 and EASYTRAK 2: Assessment of Safety and Effectiveness in Heart Failure, Guidant Corporation

The Effect of Omega-3 Fatty Acids on the Electrophysiology of Chronically Infarcted Swine Hearts, Rhode Island Foundation

Kenneth Korr, M.D.

Post-dilation Clinical Comparative Study (POSTIT), Boston Scientific Scimed, Inc.

Left Main Intravascular Ultrasound (IVUS) Registry, Scripps Clinic

Daniel Levine, M.D.

SPAN-CHF: A Lifespan Demonstration Project in Disease Management, New England Medical Center

Study of Candesartan in Patients with Heart Failure and Preserved Left Ventricular Systolic Function, AstraZeneca

Randomized Evaluation of Intravenous Levosimendan Efficacy Versus Placebo in the Short Term Treatment of Decompensated Chronic Heart Failure, M.D.S Pharma Services Incorporated

The Coreg Heart Failure Registry: COHERE, Smith Kline Beecham and Roche Pharmaceuticals

Irbesartan in Heart Failure With Preserved Systolic Function (I-Preserve), Bristol-Myers Squibb, Incorporated

Omapatrilat Versus Enalapril in Heart Failure-Morbidity and Mortality Assessment, Bristol-Myers Squibb

Selective Estrogen Receptor Modulation: Effects in Postmenopausal Women with Left Ventricular Dysfunction, NIH/New England Medical Center

Can Automated Home Monitoring Reduce Heart Failure Hospital Utilization and Augment Medication Compliance Compared with Non-Automated Conventional Disease Management?, New England Medical Center

Multicenter, Randomized Double Blind Placebo Controlled Efficacy Study on the Effects of Oral Tovaltapan on Left Ventricular Dilation and Function in Patients with Heart Failure and Left Ventricular Systolic Dysfunction, Cardiovascular Clinical Studies, L.L.C./Otsuka

An Open Label Prospective Parallel 6 Month Controlled Randomized Multicenter Trial Comparing the Long Term Safety of the ResMed AutoSet CS Compared to 2 L/min Nasal Oxygen, ResMed Corp

Study of Candesartan in Patients with Heart Failure Who Treated with Ace Inhibitors and Have Depressed Left Ventricular Systolic Function (SH-AHS-0006), AstraZeneca

Study of Candesartan in Patients with Heart Failure Who are Ace Inhibitor Intolerant and Have Depressed Left Ventricular Systolic Function (SH-AHS-0003), AstraZeneca

A Phase II Multicenter Randomized Double Blind Placebo Controlled Pilot Trial Evaluating the Effects of Infliximab (Remicade) in Patients with Stable Class III or IV Congestive Heart Failure, Cardiovascular Clinical Studies, L.L.C./Centocor

George McKendall, M.D.

A Prospective, Randomized, Open-Label, Multicenter Study in Patients Presenting With Acute Syndromes, Aventis Pharmaceuticals Products, Incorporated

Perfusion by Thrombolytic and UltraSound, Henry Ford Coordinating Center

Magnesium in Coronaries-A Study of the Effect of Magnesium Administration in Patients with Acute Myocardial Infarction, New England Research Institute, Incorporated/NIH

A Prospective Randomized Trial of Primary Angioplasty Versus Thrombolytic Therapy for Acute Myocardial Infarction, William Beaumont Institution

Exoraparin and TNK-tPA with or without GPIIb Inhibitor as Reperfusion Strategy in ST El, Rhone-Poulenc Rorer

A Randomized, Double-Blind Placebo-Controlled Study of Two Intravenous Dosing Regimens, Procter & Gamble Pharmaceuticals, Inc.

A Multicenter Randomized Controlled Double Blind Trial to Investigate the Clinical Efficacy and tolerability of Early Treatment with Simvastatin 40 mg
Daily for 30 days, followed by Simvastatin 80 mg Daily Thereafter in Tirofiban-Treated Acute Coronary Syndrome Patients Who have been Randomized to Receive Enoxaparin or Unfractionated Heparin in Conjunction with Aspirin A to Z, Merck/ Brigham and Women’s Hospital

Gregory Michaud, M.D.
- Comparison of Medical Therapy, Pacing and Defibrillation in Heart Failure, Guidant Corporation
- Dual Chamber and VVI Implantable Defibrillator Trial, University of Washington/Pacesetter
- Contak CD Heart Failure Device and EASYTRAK Coronary Venous Pace/Sense Lead, Guidant Corporation
- Contak CD/Easytrak Post Approval Study, Guidant Corporation
- Reactive ATP Download Study, Medtronics, Incorp.
- Silent Atrial Fibrillation Detection with Stored EGM’s Study, Guidant Corporation

Alfred Parisi, M.D.
- Azithromycin and Coronary Events Study (ACES), NIH/National Institutes of Health/SERC

Athena Poppas, M.D.
- Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) Using the X-Caliber System-A, Appriva Medical, Incorporated
- Dobutamine Stress EchoCardiography Core Laboratory for Noga Viability Study, Biosense, Incorporated
- A Double-Blind Randomized Stratified PlaceboControlled Parallel Study of Ranolazine SR at Doses of 7, CV Therapeutics
- Multicenter, Randomized, Double-Blind, Placebo-Controlled Efficacy and Safety Study to Evaluate the Effects of Oral tolvaptan on Left Ventricular Dilatation and Function in Patients with Heart Failure and Left Ventricular Systolic Dysfunction, Cardiovascular Clinical Studies, L.L.C./Otsuka
- Heart Disease CNS Dysfunction & Outcome in the Elderly, NIH/The Miriam Hospital

Ara Sadanianz, M.D.
- Multicenter, Randomized Double Blind Placebo Controlled Efficacy Study on the Effects of Oral tolvaptan on Left Ventricular Dilatation and Function in Patients with Heart Failure and Left Ventricular Systolic Dysfunction, Cardiovascular Clinical Studies/Otsuka
- SPAN-CHF: A Lifespan Demonstration Project in Disease Management, New England Medical Center
- Atrial Fibrillation Follow-up Investigation of Rhythm Management, NIH/National Institutes of Health/SERC
- A Pilot, Open-Label Safety, Tolerance and Efficacy Evaluation of CM-3 in Patients with congestive Health Failure, Milkhaus Labs

Barry Sharaf, M.D.
- A Double Blind Multicenter Placebo Controlled Study of Quinapril in Women with Chest Pain, Coronary Flow Reserve Limitations and Evidence of Myocardial Ischemia int he Absence of Significant Epicardial Coronary, University of Florida-Gainesville
- A Multicenter Randomized Double Blind Placebo Controlled Study to Evaluate the Efficacy and Safety of Ad5FGF-4 in Patients with Stable Angina, Berlex Laboratories
- Women’s Ischemia Syndrome Evaluation Extension AT-1 Receptor Blocker Ancillary Trial Angiographic Core Laboratory, University of Pittsburgh/NIH
- Women’s Ischemia Syndrome Evaluation (WISE), University of Pittsburgh/NHLBI
- A Prospective, Randomized Double Blind MultiCenter Study Comparing the Effects of Atorvastatin Versus Pravastatin on the Progression and Quantification of Coronary Atherosclerotic Lesions as Measured by Intravascular Ultrasound, Covalent Group, Incorporated/Warner-Lambert
- A Double Blind Multicenter Placebo Controlled Study of Quinapril in Women With Chest Pain, University of Florida-Gainesville

Satish Sharma, M.D.
- The Effects of Antiarrhythmic Therapy in Maintaining Stability of Sinus Rhythm (SAFE-T), VA Cooperative Studies Program
- Warfarin and Antiplatelet Therapy Study in Patients with Congestive Heart Failure (WATCH), VA Cooperative Studies Program
- Antihypertensive and Lipid Lowering Treatment to Prevent Heart Attack Trial (ALLHAT), VA Cooperative Studies Program
- Valsartan Antihypertensive Longterm Use Evaluation (VALUE), Novartis
- Clopidogrel in Unstable Angina to Prevent Recurrent Ischemic Events (CURE), Bristol-Myers Squibb/Sanoﬁ
- Reduction of Endpoints in NIDDM with the ALL Antagonist Losartan (RENAAL), Merck

Peter Tilkemeier, M.D.
- A Randomized, Two-arm Crossover Study of Safety, Tolerability, and Myocardial Perfusion Imaging of MRE0470 vs. Adenosine, Parexel/King

David Williams, M.D.
- District OC Registry, Biocompatibles Limited
- Post Approval Study for the NIRTM Stent, SCIMED Life Systems, Incorporated/Medinol
- Dynamic Registry of Percutaneous Coronary Intervention, University of Pittsburgh/NHLBI
- A Prospective, Randomized Trial Evaluating the TAXUS Paclitaxel-Eluting Coronary Stent in De Novo Coronary Lesions and In-Stent Restenosis, Parexel/BSC
- Sound Wave Inhibition of Neointimal Growth, PharmaSonics Incorporated
- LightLab Imaging Wire, LightLab Imaging, LLC
- Prevention of Restenosis With Tranilast and Its Outcome: A Placebo-Controlled Trial (PRESTO), Smith Kline Beecham Pharmaceuticals
- The Palmax-Schatz MiniCrown Balloon-Expandable Stent on the DynastyTM Over the Wire Stent Delivery, Cordis Corporation, A Johnson & Johnson Company
- By pass Angioplasty Revascularization Investigation (BARI FOLLOW-UP), University of Pittsburgh/NHLBI
- Stents and Radiation Therapy 40/20 Trial (START 40/20 Trial), Novartis Pharmaceutical Corporation
- A Multicenter Study of the CrossflexTM LC Balloon-Expandable Stent Mounted on the ValorTM OTW Delivery System, Cordis Corporation
- A Double-Blind, Randomized Comparator Study Comparing the Renal Effects of Visipaque 320 (iodixanol) vs. Optiray 320 (ioversol) in Chronic Stable Renal Failure Subjects Undergoing Coronary Angiography (VIA-P4-007), Amersham Corporation
- A Prospective, Randomized, Placebo-Controlled Triple-Masked Trial to Evaluate the Safety and Effectiveness of the Novoste Beta-cath system in Native Coronary Arteries, Novoste Corporation
- DMR in Regeneration of Endomyocardial Channels Trial: The Biosense DMR Phase II Randomized Trial, Biosense, Incorp.
- Beta Energy Restenosis Trial-I (Long Term Follow-up), Novoste Corporation
- A Multicenter, Randomized Double Blind Study of the Sirolimus-Coated Bx Velocity Balloon Expandable Stent in the Treatment of Patients with DeNova Coronary Artery Lesions, Cordis Corporation
- Saphenous Vein Graft Intervention Using Bx-tm Velocity-tm Stent and AngioGuard-tm, Cordis Corporation
- Distinct Abrupt Closure or Threatened Abrupt Closure Registry, Biocompatibles Limited
- A Multicenter Trial of Localized Radiation Therapy to Inhibit Restenosis, Cordis Corporation
- Saphenous Vein Graft Intervention Using AngioGuard for Reduction of Distal Embolization, Cordis Corporation
- Bypass Angioplasty Revascularization Investigation II, University of Pittsburgh/NHLBI
- Registry Study to Assess Ventricular Function and ST-Resolution Post Primary PTCA/Stent Intervention, TherOx Incorporated
- Palmaz-SchatzTM Crown Balloon Expandable Stent with PowerGripTM (30TM CROWN), Johnson & Johnson Interventional System Company
- A Multicenter Feasibility Study of the Treatment of Patients With DeNovo or Restenotic Native Corona, Cordis Corporation
- Trap Vascular Filtration System, Microvena Corp.
- A Multicenter Study of 5-Year Follow-up for the CrossFlex LC Balloon-Expandable Stent Mounted on the OTW Delivery System in Patients with DeNovo or Restenotic Native Artery Lesions, Cordis Corporation
- Randomized Controlled Study of Aqueous Oxygen System Solution Infusion of 90 Minutes Post Primary PTCA/Stent Intervention in Acute Myocardial Infarction Patients, TherOx Incorporated
- Percutaneous Left Atrial Appendage Transcatheter Occlusion (PLAATO) Using the X-C Caliber System Feasibility Study, Appriva Medical, Incorporated
- QuickSeal Arterial Closure System Study, SUB-Q
- A Multi-Center Non-Randomized Study of the 4.0mm Sirolimus-Eluting Bx Velocity Balloon-Expandable Stent with Direct Stenting in the Treatment of Patients with DeNovo Native Coronary Artery Lesions, Cordis Corporation
- A Multicenter, Non-Randomized Study of the 4.0mm Sirolimus-Eluting Bx Velocity Balloon-Expandable Stent in the Treatment of Patients with DeNovo Native Coronary Artery Lesions, Cordis Corporation
- TAXUS V A Randomized Double Blind Trial to Assess TAXUS Paclitaxel-Eluting Coronary Stents, Slow-Release Formulation in the Treatment of High Risk De Novo Coronary Lesions, Boston Scientific
- An Evaluation of the Multi-Link Rx Vision SVS Coronary Stent System in the Treatment of Patients with Abrupt or Threatened Abrupt Closure of DeNovo or Restenotic Lesions in Native Coronary Arteries or Arterial Bypass Graft Conduits, Advanced Cardiovascular Sys, Inc./Guidant
- A Phase 2, Multicenter Double Blind Placebo-Controlled Dose Ranging Study to Evaluate the Safety and Efficacy of BO-653 in Prevention of Post-Angioplasty Restenosis in Stented Lesions, Chugai Biopharmaceuticals, Incorporated
Overview

The cancer therapeutics program in the Division of Clinical Pharmacology, Department of Medicine at Brown University and Rhode Island Hospital is bridging the gap between the research laboratory and the cancer patient. During the last two years our group of dedicated laboratory and clinical scientists have made significant strides in understanding the cellular basis of cancer, elucidating biochemical and molecular differences between normal and neoplastic cells, and improving the treatment options for patients with cancer.

Our cell biology group has gained insights into the molecular differences between normal and cancer cells that govern their responsiveness to anticancer therapy. For example, we have found that certain breast cancer cells produce a protein on their surface, designated GPR-30, that is capable of binding anti-estrogen drugs, such as tamoxifen, and subsequently inducing tumor growth. Studies are underway to define and identify the specific cell-signaling pathway(s) involved in this process as well as correlate the presence of this protein with lack of response to therapy. In parallel studies, our drug discovery group is designing and evaluating novel agents capable of specifically disabling GPR-30 and potentially improving the efficacy of tamoxifen-based therapy for breast cancer.

In a different disease model, our cell and molecular biologists have found that hormone-insensitive prostate cancer cells also express a protein, Raf kinase inhibitory protein (RKIP) that appears to be predictive for the effectiveness of camptothecin-based therapy. The expression of this protein also correlates with the sensitivity of colon cancer, mesothelioma and glioblastoma cells to camptothecin-based combinations. These studies have been expanded clinically where our group is participating, along with several Harvard-affiliated hospitals, in a multi-center Phase I/II clinical analysis of a novel, orally active, camptothecin analogue (gimatecan) in the United States. Results of these studies will be valuable in the future design of more effective cancer therapies.

Molecular biologists in our Division also are studying in detail the cell signaling interactions between competing apoptotic and survival/proliferation pathways. These scientists have found several, previously unappreciated, co-regulatory interactions between receptor-mediated cell death processes (ie. Fas) and cytokine-based proliferative pathways. Since the control of tumor cell apoptotic is the ultimate goal of therapy, it is anticipated that continued research to elucidate the interplay between the competing processes in cancer cells will lead to novel insights into methods to treat various forms of human cancer.

Our drug discovery group has identified a new chemotherapeutic agent, taurolidine, that is less toxic to normal cells and tissues but capable of specifically and rapidly killing cancer cells by inducing mitochondrial-mediated apoptosis. Clinically, we completed several clinical trials, in patients with advanced ovarian cancer and malignant brain tumors, and have obtained promising results. Information from these early trials is being used to refine therapy delivery methods for future use in patients with cancer. At the same time, we are designing and evaluating novel analogues of taurolidine with the goal of increasing its cancer cell killing activity...
and chemical stability. Of interest, we have also recently observed that the combination of taurolidine and gimatecan may hold promise in the treatment of mesothelioma. A cooperative research and clinical program, with centers at Rhode Island Hospital, Columbia University, and Mount Sinai Hospital in New is being formed to expedite the laboratory and clinical studies to validate this clinical use. We also are using this same group of novel chemotherapeutic drugs to develop a novel method to ‘purge’ tumor cells from marrow or peripheral blood in cancer patients by specifically inducing tumor cell apoptosis. This “purged” material can then be used in marrow transplant procedures after high dose chemotherapy to treat advanced cancers.

Funding for this research has been obtained from the U.S. government, private foundations and the pharmaceutical industry, including the T.J. Martell Foundation, the PhRMA Foundation, the American Cancer Society, the Department of Defense, and several pharmaceutical companies.

Sadly, Paul Calabresi, MD, MACP, passed away on October 25, 2003 having lost his life to cancer, the disease he devoted his life to curing. He was an internationally recognized oncologist who added luster and renown to our Department. He will be sorely missed.

Faculty Members

FULL-TIME FACULTY
(Hospital and Foundation Based)
Paul Calabresi, M.D., Professor, Rhode Island Hospital, University Medicine Foundation
Devasis Chatterjee, Ph.D., Assistant Professor (Research), Rhode Island Hospital
James Darnowski, Ph.D., Associate Professor (Research), Rhode Island Hospital
Edward Filardo, Ph.D., Assistant Professor (Research), Rhode Island Hospital
Bai-Chuan Pan, Ph.D., Professor (Research), Rhode Island Hospital
Ming Chu, Ph.D., Professor Emeritus (Research), Rhode Island Hospital

ADJUNCT FACULTY
Wolfgang Oster, M.D., Adjunct Professor, Rhode Island Hospital

National and International Honors and Recognition of Faculty

Paul Calabresi, M.D., MACP
• Laurea Honoris Causa (Honorary Degree in Medicine), University of Naples School of Medicine
• Distinguished Alumni Service Award, Association of Yale Alumni in Medicine
• Dedication of The Paul Calabresi Conference Room, Yale Cancer Center

Invited presentations:
• Keynote Speaker, 6th National Meeting of G.O.I.M., “Dalla Biologia Molecolare all’Accreditamento di Eccellenza” Naples, Italy
• Invited Lecture (Lettura Magistrale), Gruppo Italiano per lo Studio e la Terapia del Mesotelioma Maligno (G.I.M.E.), Stresa, Italy
• Scientific presentation, “Antineoplastic effects of ST1481, a novel camptothecin, on human malignant mesothelioma” American Association for Cancer Research (AACR), San Francisco, CA
• Member and Past Chairman (1995), Board of Directors, New England Cancer Society
• Member, National Board of Trustees, Leukemia & Lymphoma Society
• Member, Board of Overseers, Tufts University School of Medicine
• Member, Board of Overseers, E. Bronson Ingram Center, Vanderbilt University, Nashville, TN
• Member, Editorial Board, Critical Reviews in Oncology/ Hematology
• Guest Editor, Medicine and Health in Rhode Island
• Reviewer and former Member of the Editorial Board, New England Journal of Medicine
• North American Editor, International Journal of Multidisciplinary Oncology

Devasis Chatterjee, Ph.D.
• Member, American Association for Cancer research

Invited presentations:
• “Camptothecins as regulators of the FLIP-side of apoptosis,” T.J. Martell Foundation Research Symposium, October 2001

Ming Chu, Ph.D.
• Member, Biohazards and Laboratory Safety Committee, Rhode Island Hospital

James W. Darnowski, Ph.D.
• Member, CET-3 Study Section, Department of Defense Breast Cancer Research Program

Ad hoc reviewer:
• Cancer Research
• Biochemical Pharmacology
• Molecular Pharmacology
• Cancer
• Oncology Research
• Journal of the National Cancer Institute
• Leukemia Research
• Journal of Clinical Oncology
• Canadian National Cancer Institute

Invited presentations:
• “Therapeutic control of cell survival and apoptosis,” T.J. Martell Foundation for Cancer Research, October 2001
• “Taurolidine triggers receptor-mediated apoptosis in DU145 human prostate tumor cells,” Annual Meeting of the American Association for Cancer Research, April 2002
• “DU145 human prostate tumor cells undergo apoptosis following exposure to taurolidine,” Annual meeting of the New England Cancer Society, November 2001
• “STAT proteins are a target of caspase-mediated cleavage during staurosporin-induced apoptosis in the DU145 human prostate tumor cell model”, Annual Meeting of the American Association for Cancer Research, July 2003

Edward J. Filardo, Ph.D.
• Career Development Award, Department of Defense
• Consultant, Proctor and Gamble Pharmaceuticals

Ad hoc reviewer:
• Breast Cancer Research & Treatment
• Cancer Research
• FASEB

• Journal of Steroid Biochemistry & Molecular Biology
• Trends in Endocrinology & Metabolism Endocrinology
• European Journal of Biochemistry

Invited presentations:
• “GPR30: a novel estrogen receptor that promotes second messenger signaling as well as EGF-like effects in breast carcinoma cells,” Annual meeting of the New England Cancer Society, Nov. 2001
• “The search for membrane-associated steroid hormone receptors: rapid estrogen signaling via the orphan G-protein-coupled receptor, GPR30,” Divisions of Cardiovascular and Bone Metabolism Research, Procter and Gamble Pharmaceuticals, February 2002
• “Expression of GPR-30 in human tissues”, Divisions of Cardiovascular and Bone Metabolism Research, Procter and Gamble Pharmaceuticals, October 2002

Linda Nici, M.D.
• Writing Committee Member, Guideline for Pulmonary Rehabilitation Programs, American Society of Cardiovascular & Pulmonary Rehabilitation
• President, Board of Directors, Occupational and Environmental Center of RI
• Co-chair, American Thoracic Society on Pulmonary Rehabilitation
• Member, Task Force on Women & Girls, Tobacco & Lung Cancer, American College of Chest Physicians

Ad hoc reviewer:
• American Journal of Physiology: Lung Cellular & Molecular Physiology
• American Journal of Respiratory and Critical Care Medicine
• European Respiratory Journal – Cancer American Journal of Pathology

Invited Presentations:
• Keynote speaker, “Lung Disease, State of the Nation,” RI Nurses’ Alumni Annual Meeting, April 2002
Bai-Chuan Pan, Ph.D.
- Academic Consultant to the Shanghai Institute of Materia Medica, Academy of Sciences
- Chinese Academy of Science Prizes – First Class
- Chinese Natural Science Prizes—Second Class
- Chinese Natural Science Prizes—Third Class

Editorial boards:
- Acta Chimica Sinica (Journal of the Chinese Chemical Society)
- Scientia Sinica (Sciences in China)
- Kexue Tongbao (Communication of Sciences)

Research and Other Scholarly Activities

FACULTY MEMBERS OF STUDY SECTIONS AND ADVISORY COMMITTEES

Paul Calabresi, M.D., MACP
- Member, Scientific Advisory Board, Carter-Wallace, Inc.
- Chairman (1998-2001), Scientific Advisory Committee, Columbia University Comprehensive Cancer Center
- Chairman, Scientific Advisory Committee, TJ Martell Foundation
- Chairman, Clinical Pharmacology Advisory Committee, Pharmaceutical Manufacturers’ Association Foundation (PhRMA)
- Member, Steering Committee, National Dialogue on Cancer, Washington, D.C., Appointed by President George and Mrs. Barbara Bush
- Chairman, External Review Committee for the University of Wisconsin, Comprehensive Cancer Center
- Chairman, Director’s Advisory Board, Yale University Comprehensive Cancer Center, New Haven, CT
- Member, Scientific Advisory Board, Yale University Comprehensive Cancer Center, New Haven, CT
- President, Rhode Island Cancer Council, Appointed by Governor Lincoln Almond
- Member, Brown University Oncology Group (BrUOG)
- Chairman of Novel Agents Committee
- Member, Data Safety Monitoring Board
- Member, Lifespan Research Advisory Committee
- Member, Lifespan Cancer Committee
- Chairman, Institutional Review Board, Human Genome Project, Celera Genomics Corp.
- Member, National Cancer Legislation Advisory Committee Washington, DC — Appointed by President George Bush and Senator Diane Feinstein
- President, International Society for Geriatric Oncology
- Chairman, Scientific Advisory Board, Instituto Nazionale Tumori, Naples, Italy
- Member, Scientific Advisory Board, Alberta (Canada) Cancer Board
- Member, Diagnostic Advisory Board, Burrill & Co.
- Member, Experimental Therapeutics Program, Dana-Farber/Harvard Cancer Center

TEACHING ACTIVITIES

TEACHING RESPONSIBILITIES

Paul Calabresi, M.D., MACP
- Attending Rounds, Massachusetts General Hospital
- Faculty/Counselor to Brown/Dartmouth advanced transfer medical students: Wendy Gray, Allison Goldkamp, Julia Frew and Hannah Famiglietti
- Faculty, Visiting Research Fellows: Roberta Sarmiento and Andrea Sartore-Bianchi
- Faculty & Research Advisor, Paul Martin, M.D., First Year Resident, Brown Medical School

Devasis Chatterjee, Ph.D.
- Assisted Andrea Bianchi-Sartore, M.D., clinical research fellow, with his research on the “Regulation of apoptosis in human colon and mesothelioma cells by RKIP”

James W. Darnowski, Ph.D.
- Faculty Leader, International Medical Fellow Research Group
  2001-2002 Roberta Sarmiento
  2002-2003 Andrea Bianchi
- Mentor & Research Advisor, Arshad Asnudian, M.D., Candidate for MS/MD Degree, Brown Medical School

Edward J. Filardo, Ph.D.
- Research Mentor, 2001-2003 Jeffrey A. Quinn, MS

Lisa Nici, M.D.
- Faculty Leader, Affinity Group Prog. (Biomed 0551)
  Co-Facilitator, Workshop on Racial Diversity
  Lecturer, University of Rhode Island – PharmD Program Foundations of Human Disease (PHP/BMS 409)
  Attending Physician, General Medicine Service, RIH and RISE Clinic The Miriam Hospital
PUBLICATIONS

Paul Calabresi, M.D.
• Graeber, CT, Quinn, JA, Kim, D, Steinhoff, MM, Calabresi, P and Filardo, FJ. Expression of GPR30, a G-protein-coupled receptor that promotes the EGF-like effects of estrogen possess different tissue expression patterns. Manuscript in preparation.
• Graeber, CT, Quinn, JA, Kim, D, Steinhoff, MM, Calabresi, P and Filardo, FJ. Estrogen receptor, Era and GPR30, a heptahelical receptor that promotes the EGF-like effects of estrogen possess different tissue expression patterns. Manuscript in preparation.

James Darnowski, Ph.D.
• Ribizzi, I, Darnowski, JW, Goulette, FA, Akhtar, MS and Calabresi, P. Synergistic cytotoxicity of azidothymidine (AZT) plus interferon-alpha2a (IFN) in a human myelodysplastic syndrome cell line. Manuscript in preparation.
• Cousens, LP, Goulette, FA, Calabresi, P and Darnowski, JW. IFNa-stimulated signaling inhibits Fas ligand-induced apoptosis. Manuscript in preparation.
• Goulette, FA, Cousens, LP, Chatterjee, D, Braastad, C and Darnowski, JW. STAT protein expression is reduced in a caspase-dependent manner during staurosporine induced apoptosis in the DU145 human prostate tumor cell model. Biochemical Pharmacol., submitted.
Edward Filardo, Ph.D.

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<td><strong>Total Clinical Research Expenses</strong></td>
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<td>Academic Year 2003</td>
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<td>$2,302</td>
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BASIC RESEARCH

Paul Calabresi, M.D.
- T.J. Martell - Administrative, T.J. Martell Foundation
- Assessment of the Potential Antineoplastic Activity of Taurolidine, Carter-Wallace Incorporated
- Modulation of Bleomycin Lung Injury by 1-carnitine, Sigma Tau
- Evaluation of Taurolidine Pharmacokinetics, Carter-Wallace, Incorporated
- Assessment of the Antineoplastic Activity of ST1481 in Human Malignant Mesothelioma, Sigma Pharmaceutical Incorporated
- Analysis of the In Vitro Cytotoxic and In Vivo Antineoplastic Activity of ST184, Sigma-Tau Pharmaceuticals, Incorporated
- Assessment of Taurolidine Activity in In Vitro and Murine Models of Pancreatic Cancer and Melanoma, Carter-Wallace, Incorporated
- Assessment of Taurolidine Activity in In Vitro and Murine Models of Carcinoma of the Lung and Mesothelioma, Carter-Wallace, Incorporated
- Assessment of Taurolidine Activity in In Vitro and Murine Models of Carcinoma of the Breast, Carter-Wallace, Incorporated
- Assessment of Taurolidine Activity in In Vitro and Murine Models of Human Ovarian and Brain Cancer, Carter-Wallace, Incorporated
- Assessment of Taurolidine Activity in In Vitro and Murine Models of Prostate Cancer and Colon Cancer, Carter-Wallace, Incorporated
- Assessment of Taurolidine Activity in In Vitro and Murine Models of Leukemias, Lymphomas and Marrow-Sensitivity, Carter-Wallace, Incorporated
- Amifostine Cytotoxicity in a Human Myelodysplastic Cell Line, Pharmaceutical Research and Manufacturers of America Foundation, Inc

Devasis Chatterje, Ph.D.
- Regulation of Apoptosis in Human Prostate Cancer Cells by the Expression of RKIP, Lifespan

James Darnowski, Ph.D.
- Preclinical Studies of Taxotere and Ionizing Radiation in an Androgen-Sensitive and Androgen-Insensitive Prostate Cancer, Aventis Pharmaceuticals Products, Incorporated
- Development of Novel Therapies for Human Prostate Cancer, T.J. Martell Foundation

Edward Filardo, Ph.D.
- Estrogen Signaling Via GPR30, American Cancer Society
- Evaluating of GPR30, a Novel Estrogen Receptor for Assessing Responsiveness to Anti-estrogen Therapy, US Department of Defense-Army

CLINICAL RESEARCH

Paul Calabresi, M.D.
- Evaluation of Serum 1-Carnitine in Cancer Patients: A Descriptive Study, Sigma-Tau Pharmaceuticals, Incorporated, An Open Label Study of the Safety and Efficacy of Taurolidine 2% Solution Administered Intravenously, Carter-Wallace Incorporated
- An Open Label Study of the Safety and Efficacy of Taurolidine 0.5% Electrolyte Solution Administered Intravenously, Carter-Wallace Incorporated
Overview

The Division of Endocrinology at Brown Medical School is undergoing major expansion with the development of the new Hallett Center for Diabetes and Endocrinology, a Bone Density Unit with state-of-the-art diagnostic and osteoporosis management capabilities, an outpatient Clinical Research Unit, and the new Diabetes and Endocrinology Research Laboratories. The Hallett Center was created in 2001 in response to a recognized urgent need for a directed program on diabetes mellitus. Recognizing the links between diabetes and other endocrine diseases, the Hallett Center is structured to integrate programs on diabetes and the full spectrum of endocrine disorders. The Center has been designed to include an outpatient facility providing patients and referring physicians with access to endocrinologists and multiple other subspecialists, a patient education program, and inpatient services, which are coordinated with the educational, clinical and basic research activities of the Division of Endocrinology.

Faculty Members

FULL-TIME FACULTY
(Hospital and Foundation Based)

Robert J. Smith, M.D., Director, Professor, Rhode Island Hospital, University Medicine Foundation
Linda Bausserman, Ph.D., Associate Professor, The Miriam Hospital
Dominic Corrigan, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Geetha Gopalakrishnan, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
James V. Hennessey, M.D., Associate Professor, Associate Director for Clinical Education, Rhode Island Hospital, University Medicine Foundation
Marc J. Laufgraben, M.D., Clinical Assistant Professor, Associate Director for Clinical Care, Rhode Island Hospital, University Medicine Foundation
Paul Levinson, M.D., Associate Professor, Memorial Hospital of Rhode Island
David B. MacLean, M.D., Adjunct Associate Professor, Rhode Island Hospital, University Medicine Foundation
Lu-Guang Luo, M.D., Assistant Professor, RIH
Eduardo A. Nillni, Ph.D., Associate Professor, RIH

VOLUNTEER FACULTY

Padma Balasubramanian, M.D., Clinical Assistant Professor, Rhode Island Hospital
Lucinda Barnard, M.D., Clinical Assistant Professor, Memorial Hospital of Rhode Island
Robert Dobrzynski, M.D., Clinical Instructor, The Miriam Hospital
Charles Eil, M.D., Ph.D., Clinical Associate Professor, Roger Williams Medical Center
Michael Hein, M.D., Clinical Instructor, Memorial Hospital of Rhode Island
Charles B. Kahn, M.D., Clinical Professor, The Miriam Hospital
Dennis Krauss, M.D., Clinical Assistant Professor, The Miriam Hospital
Valerie Thomas, M.D., Clinical Assistant Professor, The Miriam Hospital

ADJUNCT FACULTY

Douglas P. Kiel, M.D., Ph.D., Adjunct Associate Professor, Rhode Island Hospital
Joseph Tucci, M.D., Adjunct Professor, Roger Williams Medical Center
FACULTY TRANSITIONS

New Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Faculty Rank</th>
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<tbody>
<tr>
<td>Dominic Corrigan, M.D.</td>
<td>Chief, Endocrine Division&lt;br&gt;Abington Memorial Hospital, Philadelphia&lt;br&gt;Medical Director, Abington Memorial Hospital and Diabetes Teaching Center, Philadelphia</td>
<td>Clinical Assistant Professor of Medicine</td>
</tr>
<tr>
<td>Robert Dobrzynski, M.D.</td>
<td>Fellow, Albany Medical Center</td>
<td>Clinical Instructor</td>
</tr>
<tr>
<td>Marc Laufgraben, M.D.</td>
<td>Private Practice&lt;br&gt;Providence, RI</td>
<td>Clinical Assistant Professor</td>
</tr>
<tr>
<td>Geetha Gopalakrishnan, M.D.</td>
<td>Fellow, Stanford University</td>
<td>Assistant Professor</td>
</tr>
</tbody>
</table>

National and International Honors and Recognition of Faculty

Linda Bausserman, Ph.D.
Invited Presentation:
- “Advances in Prevention through Optimal Lipid Lowering”, New York, NY

Geetha Gopalakrishnan, M.D.
Invited Presentation:
- “Vertical Transmission of HIV”, Indian Medical Association, Chennai, India

James V. Hennessey, M.D.
- Listed in Top Doctors in Rhode Island 2002, May edition of Rhode Island Monthly
- Listed in Guide to Top Doctors
- Recipient of Air National Guard Medicine Man Award
- Program Director, New England Thyroid Club, Annual Meeting
Invited Presentations:
- “Selective Estrogen Receptor Modulation: Applications in the Post-Menopausal Woman after WHI”, Medical Grand Rounds, Saint Raphael’s Hospital, New Haven CT
- Program Chair and Moderator, Rhode Island American College of Physicians Annual Meeting, Warwick, RI, April 2003
- “Thyroid Nodules and Osteoporosis Updates 2003”, Rhode Island Academy of Family Practice Annual Update, Groton, CT

Marc J. Laufgraben, M.D.
- Editorial Board, Internal Medicine and Critical Care Pocketbook
- Co-chair, Rhode Island Chronic Care Collaborative
- Faculty, National Diabetes Education Initiative
- Editorial Board, Tarascon Pocket Pharmacopia
Invited Presentations:
- “Osteoporosis 2001”, Seminar by the Sea, University of Rhode Island College of Pharmacy, Newport, RI
- “Why Do Diabetics Develop Foot Problems?”, Postgraduate Course on The Challenge of Managing Diabetes Mellitus, Brown Medical School, Providence, RI
- “Diabetes and Cardiovascular Disease: The Role of Glycemic Management”, Medical Grand Rounds, Rhode Island Hospital, Providence, RI
- “Diabetes and Dyslipidemia: New Treatment Guidelines”, Rhode Island Department of Health, Diabetes Control Program, Providence, RI,
- “Diabetes: Are You At Risk? ”NBC10 Health Fit Expo, Providence, RI
- “Update in Diabetes: New Options for Glycemic Management”, ACP-ASIM Fall Update in Internal Medicine, Newport, RI
- “Calcimimetics in the Management of Parathyroid Disorders”, Endocrine Grand Rounds, Rhode Island Hospital, Providence, RI
• “Combination Therapy for Type 2 Diabetes”, Medical Grand Rounds Rhode Island Hospital, Providence, RI
• “Update on the Metabolic Syndrome”, Staff Grand Rounds South County Hospital, Wakefield, RI
• Plenary Lecture: “Caring for Adults with Diabetes”, Rhode Island Chronic Care Collaborative, CME Learning Session, Warwick, RI

Paul Levinson, M.D.
• Listed in Guide to Top Doctors
• Recipient of Service Award from the Diabetes Foundation of Rhode Island
• Member, Publications Committee, American Association of Clinical Endocrinology

Lu-Guang Luo, M.D.
• Associate Editor, Journal of Alzheimer’s Disease

Presentations:
• “Effects of Thyroid Hormone on Food Intake, Hypothalamic Na/K ATPase Activity and ATP Content”, 2002 The Endocrine Society Annual Meeting, San Francisco, CA
• “Activation of EGF Receptors in Pancreatic Cells by Thyrotropin Releasing Hormone (TRH): Cross-talk Between Neuropeptide and Growth Factor Receptors”, 2002 Endocrine Society Annual Meeting, San Francisco, CA

David B. MacLean, M.D.
• Organized and chaired symposium on “The Andropause: Impact of Aging in Males” at the 3rd International Workshop on Musculoskeletal and Neuronal Interactions (ISMNI), Corfu, Greece

Eduardo A. Nillni, Ph.D.
• Recipient of The Bruce Selya Award for Research Excellence

Invited Presentations:
• “Leptin Stimulates the Expression and Biosynthesis of Prohormone Convertases 1 and 2 (PC1 and PC2) in Hypothalamic Neurons”, Taos, NM
• “The Biology of ProThyrotropin Releasing Hormone” Beth Israel-Deaconess Hospital and Harvard Medical School
• “Processing of ProTRH and New Biological Products”, Tufts University Medical School
• “Leptin Action on TRH Neurons” Millennium Pharmaceuticals, Cambridge, Massachusetts
• “Obesity and ProTRH Regulation”, University of Massachusetts, Amherst

Robert J. Smith, M.D.
• Co-Chair, 1st Joint Symposium of the Growth Hormone Research Society and the International Society for IGF Research, Boston, MA
• Editorial Board, Journal of Growth Hormone and IGF Research
• Member, Special Programs Committee, The Endocrine Society
• Co-organized Brown Medical School CME course on “The Challenge of Managing Diabetes Mellitus: A Multidisciplinary Approach to the Diabetic Foot”

Invited Presentations:
• “Confronting Diabetes as an Epidemic Disease of Our Time”, Rhode Island Hospital Founders’ Day
• “Type 2 Diabetes Mellitus: Linking Pathophysiology and Therapy”, Landmark Medical Center, Woonsocket, RI
• “You Have Diabetes: What You Can Do and Why You Should”, Lions Club Sight Awareness Program, Cranston, RI
• “Epidemiology, Pathophysiology, and Therapy of Diabetes Mellitus” in CME course on “The Challenge of Managing Diabetes Mellitus: A Multidisciplinary Approach to the Diabetic Foot”, Providence, RI
• Visiting Professor at University of Cincinnati, Department of Pediatric Endocrinology; lectured on “Significance and Molecular Basis of Insulin and IGF-I Specificity Mechanisms”
• “Role of Grb10 in Insulin Action”, 1st International Conference on Molecular Basis of Metabolic Regulation, Bari, Italy
• “Insulin and Glucose Management in the Diabetic Surgical Patient”, Rhode Island Hospital Surgical Grand Rounds
• “Type 2 Diabetes and the Metabolic Syndrome: Diagnosis, Treatment, and Prevention”, Internal Medicine Update, Keynote Speaker
Research and other Scholarly Activities

**FACULTY MEMBERS OF STUDY SECTIONS AND ADVISORY COMMITTEES**

**Geetha Gopalakrishnan, M.D.**
- HIV Prevention Trials Network Perinatal Working Group, AIDS Clinical Trial Group

**James V. Hennessey, M.D.**
- Advisor, American Thyroid Association

**Douglas P. Kiel, M.D., Ph.D.**
- Data and Safety Monitoring Board, “Testosterone for prevention of fracture in men with osteoporosis”
- Ad Hoc Reviewer, NIH Study Section, Epidemiology and Disease Control 3

**Paul Levinson, M.D.**
- Appointed to the Collaborative Practice Committee of the Rhode Island Department of Health and the Rhode Island Boards of Medicine and Pharmacy

**Eduardo A. Nillni, Ph.D.**
- Member of the Canada Research Chairs Program College of Reviewers, Canada Institutes of Health.
- Ad Hoc Reviewer, Endocrinology and Reproductive & Nutritional and Metabolic Sciences Study Section (NIH, SSS-T-10)
- Ad Hoc Reviewer, Molecular and Developmental and Cellular Neuroscience-1 Study Section, NIH
- Ad Hoc Reviewer, Special Study section, Molecular and Developmental and Cellular Neuroscience

**Robert J. Smith, M.D.**
- Appointed to the Diabetes Professional Advisory Council of the Rhode Island Department of Health

**TEACHING ACTIVITIES**

**EDUCATION HONORS**

**Geetha Gopalakrishnan, M.D.**
- Dean’s Teaching Excellence Award from Brown Medical School

**James V. Hennessey, M.D.**
- Dean’s Teaching Excellence Award from Brown Medical School

**Marc J. Laufgraben, M.D.**
- Dean’s Teaching Excellence Award from Brown Medical School

**TEACHING RESPONSIBILITIES**

**Robert Smith, MD**
- Program Director, Endocrinology Fellowship

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**SELECTED PUBLICATIONS**

**Linda Bausserman, Ph.D.**
James Hennessey, M.D.


Marc Laufgraben, M.D.


Eduardo Nillni, Ph.D.


Robert Smith, M.D.

- Ling PR, Mueller C, Smith RJ, Bistrian, BR. Hyperglycemia induced by glucose infusion causes hepatic oxidative stress and systemic inflammation, but not STAT3 or MAP kinase activation in liver in rats. *Metabolism* 2003; 52:868-874.

**ENDOCRINOLOGY FELLOWSHIP PROGRAM**

**Departing Fellows**

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<tr>
<td>Bindubal Balan</td>
<td>Bangalore Medical College, India</td>
<td>Saint Vincent’s Medical Center</td>
<td>Private Practice</td>
</tr>
<tr>
<td>Mary Crowell</td>
<td>Harvard Medical School</td>
<td>University of Washington Medical Center</td>
<td>Private Practice</td>
</tr>
<tr>
<td>Luis Arce</td>
<td>University of Evangelica, El Salvador</td>
<td>Staten Island University Hospital</td>
<td>Private Practice</td>
</tr>
<tr>
<td>Rekha Kumari</td>
<td>J M Medical College Davengere</td>
<td>SUNY HSC at Brooklyn</td>
<td>Clinical Assistant Professor, Louisiana State University</td>
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**Current Fellows**

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<tr>
<td>Aldona Finkle</td>
<td>Medical University, Gdansk, Poland</td>
<td>Umass Memorial Health Care, Worcester, MA</td>
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<tr>
<td>Mavee Durkan</td>
<td>The Royal College of Surgeons, Ireland</td>
<td>The Hospital at St. Raphael, New Haven, CT</td>
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<tr>
<td>Nitin Trivedi</td>
<td>MGM Medical College, Indore, India</td>
<td>St. Vincent’s Hospital, Worcester Medical Center, MA</td>
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**Post-Doctoral Research Fellows**

- Greg Fox, M.D., Barbara Giovannone, Ph.D., Jorge Goldstein, Ph.D., Katsuhito Mori, M.D., Ph.D., Eleni Patrozou, M.D.

**Ph.D. Thesis Graduate Students**

- Aimee Hebert, Ph.D., Lawrence Mulcahy, Ph.D, William Tsiaras, Ph.D.
### Basic Research

**Lu-Guang Luo**
- Effects of Novel Compounds on Metabolism of Rats in Vivo and In Vitro. Pfizer
- Throtropin Releasing Hormone (TRH) in the Alzheimer Hippocampus. Alzheimer’s Association
- Effects of Novel Compounds on Neurons. Pfizer

**Eduardo Nillni, M.D.**
- ProTRH Gene Transcription and Biosynthesis by Leptin. NIH/Yale
- Regulation of Hypothalamic POMC by Leptin. Beth Israel Deaconess
- The Role of PreproTRH-Derived Peptides in Cocaine Action. NIH/Yale
- ProTRH Sorting to the Regulated Secretory Pathway. NIH/NDS

**Robert Smith, M.D.**
- Role of GRB10 As an Insulin Receptor Adapter Protein. National Institutes of Health
- Nutrition, Cytokines and Anabolic Signaling Mechanisms. National Institutes of Health
- Mentor-Based Posdoctoral Fellowship Program. American Diabetes Association

### Clinical Research

**James Hennessy, M.D.**
- A Randomized Multicenter Double-Blind, Placebo Controlled Parallel Group, Multi-Dose Study of the Safety and Efficacy of Synthroid in Patients with Mild Thyroid Failure. Knoll
- An Assessment of the Calcimimetic Agent AMG 073 for the Treatment of Subjects with Parathyroid Carcinoma or Intractable Primary Hyperparathyroidism. Amgen

**Marc Laugraben, M.D.**
- A Multicenter Prospective Study to Assess the Impact of Physician’s Reinforcement on the Subject’s Compliance and Persistence on Treatment using Feedback on Bone Markers in Previously Undiagnosed Post Menopausal Osteoporotic Women Treated with Risedronate. Hoechst
- Double Blind Placebo Controlled Dose Ranging Trial to Evaluate the Efficacy of Atorvast. Pfizer
- Teriparatide Compared with Alendronate on Spine Bone Mineral Density in Postmenopausal Women with Osteoporosis. Eli Lilly and Company
- An 18 month Double-Blind Placebo Controlled Phase III Trial with a 12 month Interim Analysis of the Effect of Recombinant Human Parathyroid Hormone (ALX1-11) On Fracture Incidence in Women with Postmenopausal Osteoporosis. NPS/Allelix/Quintiles
- An 18month Open Label Extension Study of the Safety and Efficacy of Recombinant Human Parathyroid Hormone, rhPTH (1-84), ALX1-11 in women with Postmenopausal Osteoporosis who Participated in Protocol ALX1-11-93001. NPS/Allelix/Quintiles
- A Randomized Double-Blind, Multicenter Study to Compare the Safety and Efficacy of Aclidronate Sodium, 10mg Daily, 35 mg Twice Weekly and 70mg Once Weekly for the Treatment of Osteoporosis in Post Menopausal Women. Merck
- Phase II Double Blind Placebo-Controlled Trial of the Safety Toleration and Efficacy of CP-336,156 and Raloxifene 60mg/d for the Prevention of Bone Loss in Postmenopausal Women. Pfizer
Overview

The Division of Gastroenterology at Brown University extends to Rhode Island, Miriam and Veteran’s Administration Hospital(s), and is an established presence on the Consultative Service at Women and Infants Hospital. The major missions of the Division are to provide state-of-the-art treatment in those with gastrointestinal and liver diseases to educate undergraduates, medical students/residents, postdoctoral fellow in the pathophysiology of digestive diseases, and to engage in “cutting-edge” basic and applied research. The recently completed Endoscopy Suite is equipped with the latest technological advances, and accommodates consultations from Southeastern Massachusetts, Cape Cod, Connecticut and Rhode Island. The new Liver Research Center, and Swallowing/Motility Research Center are located on the Rhode Island Hospital campus, and staffed with twelve principal investigators, twenty-five post-graduate physician/scientists and twenty undergraduate/graduate students, providing a strong basic science program to advance the understanding of disease processes at the cellular and molecular level. N.I.H. sponsored projects include: motility and signal transduction of the G.I. tract, H. pylori in gastric cancer, pathogenesis of NASH, molecular mechanisms of hepatic fibrosis, antiviral approaches to hepatitis B and C infection, molecular pathogenesis of human hepatocellular carcinoma, and monoclonal antibodies in the treatment of G.I. malignancy.

RESEARCH

Faculty in the Division of Gastroenterology hold varied N.I.H., N.S.F., corporate, foundation, and pharmaceutical grants to support basic and translational research activities. Fifty faculty publications appeared in highly respected, peer-review journals in the past year.

TEACHING

The Brown University Fellowship Program in Gastroenterology is a three-year A.C.G.M.E./A.B.I.M.-accredited program conducted by thirteen fulltime and twenty-seven volunteer faculty stationed at the Rhode Island, Miriam, and Veteran’s Administration Hospital(s). Individuals are encouraged to select the Clinical-Scholar, Physician-Scientist, or Research Track; mentors in varied interests are on-site to assist Fellows allowing a unique clinical/research perspective.
Faculty Members

FULL-TIME FACULTY
(Hospital and Foundation Based)

Jack R. Wands, M.D., Jeffrey and Kimberly Greenberg – Artemis and Martha Joukowsky Professor in Gastroenterology and Professor of Medical Science; Director, Division of Gastroenterology and Liver Research Center; R.I. Hospital/Miriam Hospital, University Medicine Foundation

Gyorgy Baffy, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation

Jose Behar, M.D., Professor, Rhode Island Hospital, University Medicine Foundation

Piero Biancani, Ph.D., Professor, Rhode Island Hosp.

Weibao Cao, Ph.D., Assistant Professor, R.I. Hospital

Suzanne de la Monte, M.D., MPH, Associate Professor of Pathology and Medicine, R.I. Hospital

Ramy Eid, M.D., Assistant Professor, Veteran's Administration Medical Center, Univ. Medicine Foundation

Pierre Gholam, M.D., Assistant Prof., Veteran's Administration Medical Center, Univ. Medicine Foundation

Fadlallah Habr, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation

Karen M. Harnett, Ph.D., Assistant Professor, Rhode Island Hospital

Miran Kim, Ph.D., Assistant Professor of Medicine, The Liver Research Center

Ji-su Li, M.D., Ph.D., Assistant Professor, The Liver Research Center

Zixu Mao, M.D., Ph.D., Assistant Professor, The Liver Research Center

Steven Moss, M.D., Associate Professor, Rhode Island Hospital, University Medicine Foundation

Kittichai Promrat, M.D., Assistant Professor, VA Medical Center, University Medicine Foundation

Harlan Rich, M.D., Associate Professor, Rhode Island Hospital, University Medicine Foundation

Walter R. Thayer, M.D., Professor, Rhode Island Hospital, University Medicine Foundation

Shuping Tong, M.D., Ph.D., Assistant Professor, The Liver Research Center

Nicholas Califano, M.D., Clinical Associate Professor, Rhode Island Hospital

Thomas DeNucci, M.D., Clinical Assistant Professor, Rhode Island Hospital

Christy L. Dibble, D.O., Clinical Assistant Professor, Women & Infants Hospital

Joseph DiMase, M.D., M.S., Clinical Assistant Professor Emeritus, Rhode Island Hospital

Edward Feller, M.D., Clinical Professor, Miriam Hospital

Neil Greenspan, M.D., Clinical Assistant Professor, Memorial Hospital of Rhode Island

Edward Iannuccilli, M.D., Clinical Professor, Rhode Island Hospital

Donald Kaufman, M.D., Clinical Assistant Professor, Memorial Hospital of Rhode Island

Sheldon Lidosky, M.D., Clinical Assistant Professor, Rhode Island Hospital

James Manis, M.D., Clinical Associate Professor Emeritus, VA Medical Center

Peter Margolis, M.D., Clinical Assistant Professor, Rhode Island Hospital

Michael Nissensohn, M.D., Clinical Instructor, Miriam Hospital

Theodore C. Palumbo, M.D., Clinical Instructor, Rhode Island Hospital

Daniel Quirk, M.D., M.P.H., Clinical Assistant Professor, Rhode Island Hospital

Herbert Rakatansky, M.D., Clinical Professor, Miriam Hospital

Steven Sepe, M.D., Ph.D., Clinical Associate Professor, Rhode Island Hospital

Thomas Sepe, M.D., Clinical Assistant Professor, Rhode Island Hospital

Samir A. Shah, M.D., Clinical Assistant Professor, Miriam Hospital

Jay Sorgman, M.D., Clinical Assistant Professor, Miriam Hospital

Joel S. Spellun, M.D., Clinical Assistant Professor, Rhode Island Hospital

Philip Torgan, M.D., Clinical Associate Professor Emeritus, Miriam Hospital

Sonia Uchman, M.D., Clinical Associate Professor, Memorial Hospital of Rhode Island

Paul Van Zuiden, M.D., Clinical Assistant Professor, Rhode Island Hospital

VOLUNTEER FACULTY

Paul Akerman, M.D., Clinical Assistant Professor, Rhode Island Hospital

ADJUNCT FACULTY

Amer B. Malik, M.D., Adjunct Assistant Professor, Veterans' Administration Medical Center
National and International Honors and Recognition of Faculty

György Baffy, M.D., Ph.D.

Presentations:
- Annual Meeting of Hungarian Medical Association of America, Sarasota, FL
- Non-alcoholic steatohepatitis and insulin resistance (Plenary Presentation)
- Annual Meeting of American Association for Study of Liver Disease, Boston, MA
- UCP2 affects fasting-induced steatosis and metabolic parameters in lean and obese mice – poster presentation
- American Gastroenterological Association, Orlando, FL 2003
- Liver regeneration is delayed after partial hepatectomy in mice deficient for uncoupling protein-2 – poster presentation
- Uncoupling protein-2 modulates crypt cell apoptosis rate in the colon of mice fed with high-fat diet – poster presentation
- Fas-mediated liver injury in ob/ob mice is attenuated in the absence of uncoupling protein-2 – poster presentation

Jose Behar, M.D.

- Chairman, Biliary and Pancreatic Section, Rome 3 (International Committee on Functional Gastrointestinal Diseases) – 2002

Reviewer:
- *American Journal Physiology*
- *Gastroenterology*

Presentations:
- American Gastroenterological Association, San Francisco, California - 2002
  Platelet activating factor contributes to decreased cat LES tone in acute experimental esophagitis – poster presentation
  Hydrogen peroxide reduces LES tone in human esophagitis – Poster presentation
  Platelet activating factor and prostaglandin E2 impair Ach release in the body of the esophagus in experimental esophagitis – Poster presentation
  Production of proinflammatory cytokines IL-1, IL-6 and IL-8 in active esophagitis – poster presentation
- American Gastroenterological Association – Orlando, FL 2003
  In vitro model of acute esophagitis in the cat - poster presentation
  Kinase and cat lower esophageal sphincter tone – poster presentation
  Integrin linked kinase in Ach-induced contraction of cat esophageal circular smooth muscle – poster presentation
  Pancreatic phospholipase A2 in the lower esophageal sphincter – poster presentation

Invited Presentations:
- Invited speaker – Ca2 dependent/independent contraction of esophageal smooth muscle. 4th International Symosium Supra-Esophageal complication of reflux, San Diego, CA
- Invited speaker – LES sphincter tone, normal LES, and esophagitis, University of Pisa, Italy and University of Genova, Italy

Piero Biancani, Ph.D.

Reviewer:
- *Gastroenterology*
- *Amer J Physiol.*
- *J. Pharmacol & Exp. Therapeutics*

Presentations:
- American Gastroenterological Association, San Francisco, California - 2002
  Role of PGE2 in maintenance of tonic contraction of guinea pig gallbladder – Poster Presentation
  Smooth muscle abnormalities in female patients with chronic constipation due to colonic inertia – Poster presentation
- American Gastroenterological Association – Orlando, FL 2003
  Role of PGE2 in maintenance of tonic contraction of guinea pig gallbladder – Poster Presentation
  Smooth muscle abnormalities in female patients with chronic constipation due to colonic inertia – Poster presentation

Invited Presentations:
- Invited speaker – Ca2 dependent/independent contraction of esophageal smooth muscle. 4th International Symosium Supra-Esophageal complication of reflux, San Diego, CA
- Invited speaker – LES sphincter tone, normal LES, and esophagitis, University of Pisa, Italy and University of Genova, Italy

Weibiao Cao, M.D.

Reviewer:
- Inflammatory Bowel Diseases, Inflammatory Bowel Disease Grants
Presentations:

- American Gastroenterological Association, San Francisco, California 2002
- Neurokinin A signal transduction pathway in human ulcerative colitis – Oral presentation
- Ulcerative colitis affects intracellular Ca²⁺ signaling in human colon – Oral presentation
- Platelet activating factor contributes to decreased cat LES tone in acute experimental esophagitis – Poster presentation
- Hydrogen peroxide reduces LES tone in human esophagitis – Poster presentation
- Platelet activating factor and prostaglandin E2 impair Ach release in the body of the esophagus in experimental esophagitis – Poster presentation
- American Gastroenterological Association, Orlando, Florida 2003
- Interleukin-1b (IL-1b) induced H₂O₂ production contributes to the motor dysfunction in human ulcerative colitis (UC) – Poster presentation (Distinguished abstract)
- Rho kinase and cat lower esophageal sphincter (LES) tone – Poster presentation (Distinguished abstract)
- Integrin linked kinase (ILK) in Ach-induced contraction of cat esophageal circular smooth muscle (ESO) – Poster presentation
- Pancreatic (Group I B) phospholipase A2 (PLA2) in the lower esophageal sphincter (LES) – Poster presentation
- In vitro model of acute esophagitis in the cat – Poster presentation

Suzanne de la Monte, M.D., M.P.H.

- Panacea Symposium on Oxidative Stress-Mediated Neurodegeneration, Rockville, M.D.: 2002
- Hypoxia-Induced Alzheimer-type molecular and cellular neurodegeneration

Invited Presentations:

- Massachusetts Institute of Technology, Cambridge, MA: 2002
- Potential Mechanisms of Neuronal Thread Protein-Mediated Neurodegeneration-Relevance to Alzheimer’s Disease
- Mechanisms of Thymosin-alpha-Inhibition of Glioblastoma
- Providence College, Providence, RI: 2002
- Potential Neuroprotective Strategies for Preventing of Alzheimer’s Disease
- Role of Neuronal Thread Protein in the Pathogenesis of Alzheimer’s Disease-New Findings

Reviewer:

- *Hepatology, Neuroscience*

Karen Harnett, Ph.D.

- Guest Lecturer, Boston University School of Medicine

Presentations:

- American Gastroenterological Association, San Francisco, California 2002
- Platelet activating factor contributes to decreased cat LES tone in acute experimental esophagitis – Poster Presentation
- Hydrogen peroxide reduces LES tone in human esophagitis – Poster presentation
- Platelet activating factor and prostaglandin E2 impair Ach release in the body of the esophagus in experimental esophagitis – Poster presentation

Miran Kim, Ph.D

Presentations:

- Ecto-ATPase Meeting, Woodshole, MA
- The P2X7-Hsp90 relationship: a matter of tyrosine phosphorylation?

Ji-Su Li, M.D., Ph.D.

Presentations:

- Further characterization of glycine decarboxylase (p120), a pre-S envelope-interacting protein in duck hepatitis B virus life cycle. Annual Molecular Biology of Hepatitis B Virus Meeting, Amherst, MA - 2001
- p120/glycine decarboxylase is a key component for establishing duck hepatitis B virus infection in primary duck hepatocytes. Annual Molecular Biology of Hepatitis B Virus Meeting (2002), Pacific Grove, California

Steven Moss, M.D.

- American Gastroenterology Association, Funderburg award for gastric cancer research, 2002 “Regulation of gastric epithelial p27kip1 by *H. pylori*

Invited Presentations:

- *H. pylori* and gastric cancer. Gastroenterology Grand Rounds: Northwestern University, Chicago, IL; NEMC, Boston, MA & Surgery Grand Rounds, Rhode Island Hospital
- American Gastroenterology Association annual meeting, Orlando, May 2003

Oral Presentations:

- Kuzushita N, Aswad B, Park M-J, Moss SF. Deficiency of p27 leads to increased gastric epithelial and inflammatory responses to *Helicobacter pylori*. 
• Eguchi H, Moss SF. Degradation of p27kip1 by Helicobacter pylori in gastric epithelial cells is proteasome-dependent but independent of ubiquitination or mitogen-activated protein kinase (MAPK) phosphorylation.

• Shirin H, Kravtsov V, Shahmurov M, Bruck R, Moss SF, Avni Y, Avinoach I. p27kip1 expression is inversely related to the grade of gastric malt lymphoma, irrespective of disease stage.


• Davis GC, Kethu SR, Ramzan UC, Moss SF. Are we performing unnecessary endoscopies for suspected upper gastrointestinal bleeding in hospitalized patients? Poster presentation

Reviewer:

Promrat, Kittichai M.D.
• American Association for the Study of Liver Diseases, Boston, MA – 2002
  The association of interferon regulatory factor-1 promoter polymorphism with HCV infection and interferon treatment response – Poster presentation
• Associations of Chemokine System Polymorphisms with Disease Manifestations and Treatment Responses of Chronic Hepatitis C – Poster Presentation
• American Gastroenterological Association – Orlando, FL 2003
  One year of pioglitazone therapy is associated with histologic improvement in NASH – Poster Presentation

Harlan Rich, M.D.
Reviewer:
• Journal of Clinical Gastroenterology
• Member, Internal Medicine Residency Curriculum Committee, Rhode Island Hospital
• Member, Ambulatory Physician Leadership Committee, Rhode Island Hospital

Brown Medical School
• Master of Arts, ad eundem, Brown Medical School (awarded May 2003)
• Speaker: Perspectives on MD2000 MD2000 Retreat, Brown Medical School, April 2003
• Speaker: Advances in Gastroenterology: Where will the new technology take us? Brown University Department of Medicine Update in Internal Medicine, Providence, RI, May 2003

Shuping Tong, M.D., Ph.D.
Invited Presentation:
• Evidence for the involvement of furin, a basic endopeptidase, in the DHBV life cycle. Annual Molecular Biology of Hepatitis B Virus Meeting, Amherst, Massachusetts

Panelist – 2003
• Workshop 3 (hepatitis B virus e antigen). Annual Molecular Biology of Hepatitis B Virus Meeting, Pacific Grove, California

Reviewer:
• Hepatology, Gastroenterology, Journal of General Virology

Jack Wands, M.D.
• Jeffrey and Kimberly Greenberg-Artemis and Martha Joukowsky Professor in Gastroenterology, and Professor of Medical Sciences, Brown Medical School
• Bristol-Myers Squibb Research Award in Infectious Diseases, Brown Medical School
• Master of Arts, ad eundem, Brown Medical School
• Science and Technology Council – 2003
  State of Rhode Island and Providence Plantations, Governor Donald L. Carcieri

Editorial Boards:
• Hepatology
• International Hepatology Communications
• Journal of Viral Hepatitis
• Viral Hepatitis Reviews
• International Journal of Oncology
• Cancer Therapy

Editorial Consultant:
• Journal of Clinical Investigation
• New England Journal of Medicine
• Journal of Biological Chemistry
• Proceedings of the National Academy of Sciences
• Journal of Infectious Diseases
• Gastroenterology
• Journal of Virology
• Virology
• Nature Medicine
• Journal of Medical Virology
• Journal of Hepatology

Invited Presentations:
• Hepatocellular carcinoma and HBV, Molecular Biology of Hepatitis B Viruses, Amherst, MA
Research and Other Scholarly Activities

FACULTY MEMBERS OF STUDY SECTIONS AND ADVISORY COMMITTEES

Piero Biancani, Ph.D
- Veterans Health Administration – Medical Research Service, 2003
- Merit Review Sub-committee of Gastroenterology, 2003

Suzanne de la Monte, M.D., MPH
- Member: NCI-NIH Cancer Research Fellowship (F09) Study Section

Steven Moss, M.D.
- Ad Hoc Reviewer, NIH site visit and reporter to parent committee. NCI (Cancer Epidemiology, Prevention and Control), May-July 2002

Jack Wands, M.D.
- Chair–Special Emphasis Panel, N.C.I. Study Section, 2002
- Chair–Special Emphasis Panel, N.I.A.I.D. Review of HCV Centers, 2003
- Chair–N.I.A.I.D. Study Section on HCV and HIV, 2002
- Member, Special Emphasis Panel to review NIH GCRL Grant
- Chair, NIDDK Special Emphasis RFA HCV proposals, 2003

TEACHING ACTIVITIES

EDUCATION HONORS

Harlan Rich, M.D.
- Chairman’s Award for Excellence in Teaching, Brown Medical School
- Faculty Marshall, 28th Medical Convocation, M.D. Class of 2002, Brown Medical School

TEACHING RESPONSIBILITIES

Suzanne de la Monte, M.D., M.P.H.
- Course Leader: Brown University Graduate Program in Pathobiology Bio 283: Aging and Disease

Edward Feller, M.D.
- Independent Study 15

Harlan Rich, M.D.
- Integrated Medical Sciences, Biomed 282 Gastroenterology

Jack Wands, M.D.
- Program Director, Gastroenterology Fellowship
- BioMed 305A – Elective in Gastroenterology

SELECTED PUBLICATIONS

Gyorgy Baffy, M.D.

Jose Behar, M.D.
- Cao W, Sohn UD, Bitar KN, Behar J, Biancani P, Harnett KM. Mitogen activated protein kinase mediates protein kinase c-dependent contraction of...

**Piero Biancani, Ph.D**

**Weibiao Cao, Ph.D**

**Suzanne de la Monte, M.D., Ph.D**

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### FACULTY TRANSITIONS

**Departing Faculty**

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Kirber, Ph.D.</td>
<td>Assistant Professor (Research)</td>
</tr>
</tbody>
</table>

**New Faculty**

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Faculty Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alyn Adrain, M.D.</td>
<td>Appoint: Crouse Hospital, St. Joseph’s Hospital, University Hospital, Community General Hospital</td>
<td>Clinical Assistant Professor</td>
</tr>
<tr>
<td>György Baffy, M.D., Ph.D.</td>
<td>Fellow, Harvard Medical School</td>
<td>Clinical Assistant Professor, Brigham &amp; Women’s Hospital</td>
</tr>
<tr>
<td>Weibiao Cao, M.D.</td>
<td>Research Associate, Brown Medical School</td>
<td>Assistant Professor, Research)</td>
</tr>
<tr>
<td>Leslie Cashel, M.D.</td>
<td>Appoint: Rhode Island Group Health Associates</td>
<td>Clinical Instructor</td>
</tr>
<tr>
<td>Ramy Eid, M.D.</td>
<td>Fellow in Gastroenterology, Brown Medical School</td>
<td>Assistant Professor, Medicine</td>
</tr>
<tr>
<td>Pierre Ghomlam, M.D.</td>
<td>Fellow in Gastroenterology, Mt. Sinai, NY</td>
<td>Assistant Professor, Medicine</td>
</tr>
<tr>
<td>Fadllalah Habr, M.D.</td>
<td>Fellow in Therapeutic Endoscopy, Toronto</td>
<td>Assistant Professor, Medicine</td>
</tr>
<tr>
<td>Miran Kim, Ph.D.</td>
<td>Postdoctoral Research Fellow, University of Sheffield, U.K.</td>
<td>Assistant Professor, Medicine</td>
</tr>
<tr>
<td>Kittichai Promrat, M.D.</td>
<td>Research Fellow, N.I.H.</td>
<td>Assistant Professor, Medicine</td>
</tr>
</tbody>
</table>

**Ramy Eid, M.D.**


**Pierre Gholam, M.D.**


• Gholam PM, Charney DA, Siddiqui RK. The metabolic syndrome is associated with steatosis and fibrosis in patients with chronic hepatitis C infection. *Gastroenterology* 2001;120:2811.


• Gholam PM, Kotler DP. Guidelines for enteral and parenteral nutrition in AIDS wasting syndrome. *J Parenteral Enteral Nutr* 2002;26:1SA-138SA.

**Fadlallah Habr, M.D.**


**Karen Harnett, Ph.D.**


**Miran Kim, Ph.D.**


**Ji-Su Li, M.D., Ph.D.**


Zixu Mao, M.D., Ph.D

Steven Moss, M.D.
• Sordillo EM, Moss SF. Helicobacter pylori and apoptosis. Methods Enzymol 2002;358:319-34.

Kittichai Promrat, M.D.

Harlan Rich, M.D.

Shuping Tong, M.D., Ph.D

Jack Wands, M.D.
• Khamzina L, Gruppuso PA, Wands JR. Insulin signaling through insulin receptor substrate 1 and 2 in normal liver development. Gastroenterology 2003; 125:624.
BASIC RESEARCH

Gyorgy Baffy, M.D.
• UCP2 In the Pathogenesis of Steatohepatitis, NIH/National Institute of Diabetes and Digestive and Kidney Diseases

Jose Behar, M.D.
• Myogenic Disorders of the Gallbladder, NIH/National Institute of Diabetes and Digestive and Kidney Diseases

Peiro Biancani, Ph.D.
• Inflammation and Signal Transduction in Esophagitis, NIH/National Institute of Diabetes and Digestive and Kidney Diseases
• Biophysical Principles of Peristaltic Phenomena, NIH/National Institute of Diabetes and Digestive and Kidney Diseases

Weibiao Cao, Ph.D.
• COBRE - Transduction in Acid Induced Progression of Barrett’s Esophagus (BE) From Metaplasia to Dysplasia, NIH/National Center for Research Resources
• Contractile Signal Transduction in Ulcerative Colitis, NIH/National Institute of Diabetes and Digestive and Kidney Diseases
• Interleukin 1β and Contractile Signal Transduction in Ulcerative, Lifespan

Suzanne de la Monte, M.D.
• Effects of Ethanol on Insulin Signaling in the Brain, NIH/National Institute on Alcohol Abuse and Alcoholism

Ji-Su Li, M.D.
• Molecular Characterization of Carboxypeptidase D, American Liver Foundation
• Role of Glycine Decarboxylase in Hepadnaviral Infection, NIH/National Cancer Institute

Zixu Mao, M.D.
• Transcription-Dependent Mechanisms of Neuronal Survival and Apoptosis in Neurodegenerative Diseases, Rhode Island Foundation
• Calcium Dependent Survival of Developing Neurons, NIH/National Institute of Child Health and Human Development

Steven Moss, M.D.
• Regulation of Gastric Epithelial p27KIP1 By H. Pylori, Foundation for Digestive Health and Nutrition
• Helicobacter Pylori and Decreased p27kip1 in Gastric Carcinogenesis, Concern Foundation

Shuping Tong, M.D.
• Molecular Basis for Unusual Replication and Secretion Phenotypes of Hepatitis B Virus NIH, NIAID, Lifespan

Jack Wands, M.D.
• Research Training Program in Gastroenterology, NIH/National Institute of Diabetes and Digestive and Kidney Diseases
• Ethanol, IRS-1 Signaling and Neuronal Migration, NIH/National Institute on Alcohol Abuse and Alcoholism
• Centers of Biomedical Research Excellence (COBRE) Mechanisms of Cellular Injury, NIH
• Effects of Alcohol on the Liver, NIH/National Institute on Alcohol Abuse and Alcoholism
• HBV and HCV in Alcoholics, NIH/National Institute on Alcohol Abuse and Alcoholism
• Vascularized Tissue Sensors for Detection of Genetic Toxins and Pathogens, DARPA, Massachusetts Institute Technology
• Pathogenesis, Immunodiagnosis and Therapy of HCC, NIH/National Cancer Institute

Zuo-Liang Xiao, M.D.
• Effects and Mechanisms of Actions of Progesterone (PG) on Human Colonic Muscle Function, Lifespan
Overview

The 2001-2003 academic years have seen growth, achievement and change for the Division of General Internal Medicine (DGIM). Led by Director, Michele G. Cyr, M.D., Associate Professor of Medicine, Associate Dean for Graduate Medical Education, the division continues to sponsor a wide array of educational, patient care and research activities. Due to the constraints of space, this report will highlight but a few.

The DGIM faculty includes 17 Full Time Faculty and 143 Clinical/Part-time Faculty. During the academic years 2001-2003, 3 Full-time Faculty and 19 Clinical Faculty joined the division while 2 Full time Faculty and 18 Clinical Faculty departed. Our faculty maintain thriving clinical practices and serve as administrators, dedicated educators, and successful researchers at all 5 of the Brown Medical School’s Affiliated Hospitals in Rhode Island – Rhode Island Hospital, Memorial Hospital of Rhode Island, The Miriam Hospital, Veterans Administration Medical Center and Women & Infants’ Hospital.

Medical education, a chief aspect of the Division’s mission and purpose, is conducted at the 5 Brown Affiliated Hospitals and involves the training of more than 200 residents. Each year, 64 interns are recruited into the 5 Medicine Residencies. This year, 54 residents completed 3 or 4 years of training and have gone on to fellowships, chief residencies, clinical practices, and clinician educator positions in a variety of settings including community-based practice, hospitalist practice and public health. 11 interns completed the 1-year program and entered into specialty programs with a firm foundation in internal medicine. 2 General Internal Medicine Fellows completed their program in June 2002.

GIM faculty serve as the attendings for the in-patient general medicine teaching rotations providing bedside rounds, noon conference lectures, feedback, and evaluation to the residents and medical students. Furthermore, nearly 50 General Internal Medicine Community Physician faculty and 30 Sub-specialty faculty members served this year as preceptors in the our Community-Based Teaching program providing a second site continuity ambulatory experience for the 2nd and 3rd Year Residents. Residents generally see patients at their second site once per week during non-critical care unit months.

The Brown Medical School students play a significant role in the division and in the Department of Medicine through their participation in core clerkships and sub-internships guided by division faculty. Mark Fagan, M.D. serves as the Medical Clerkship Director for Brown and has been elected President of the National Organization of Clerkship Directors of Internal Medicine. Many students choose to work with our faculty on research projects, clinical electives or community-based practices.

Several significant facility moves and renovations marked 2001-2003 in both the educational and patient care environments. The Medicine-Pediatrics Primary Care Center (MPPCU), an integrated Medicine-Pediatrics faculty-resident practice relocated to Coro West, a renovated medical office building on the Rhode Island Hospital/Hasbro Children’s Hospital Campus that provides residents with their main ambulatory continuity experience. The practice is a thriving one and the Med-Peds residents work in partnership with their faculty preceptors. A continuity student rotation, led by Dr. Sybil Cineas, Course Director was also initiated this year. In addition, the MPPCU serves as the base study center for several resident-faculty clinical research collaborations, most recently involving patient education in the care of diabetes. Families come from neighboring communities and have diverse ethnic and socioeconomic backgrounds.

The Rhode Island Hospital academic offices of the Division and the Internal Medicine Residency Programs’ offices also relocated in May 2002 to renovated space in the Jane Brown Building. This move has provided greater availability to the internal medicine residents and convenient access to inpatient care areas. Moreover, these moves freed up the much-needed space for the expansion of our DGIM Research Unit.
The DGIM Research Unit, directed by Michael Stein, M.D., moved into and refurbished the first floor of the Multiphasic Building, allowing for faculty expansion. Four new faculty researchers were recruited to the research unit. Dr. Jennifer Clarke, a graduate of Brown’s residency program and General Internal Medicine Fellowship joined the faculty. Dr. Clarke’s research interests include women’s health, substance abuse and health services research. Her clinical and administrative time is spent at the Rhode Island Women’s Adult Correctional Institute. Dr. Clarke has already received federal funding to study women in prison, unplanned pregnancies and sexually transmitted diseases. Dr. Susan Ramsey, a clinical psychologist, moved over from Butler Hospital to join the division. Her research interest involves patients with comorbid substance abuse and psychiatric disorders. Dr. Cynthia Rosengard, a clinical psychologist who completed her post-doctoral fellowship at University of California, San Francisco, arrived to start a research program in adolescent health and behavior, with a special interest in determinants of sexual risk-taking. Dr. Mark Schleinitz was recruited from Stanford University, where he recently completed a fellowship in Health Research and Policy. His expertise involves applying cost-effectiveness and meta-analytic techniques to a variety of clinical problems in cardiovascular medicine. In addition, Patricia Cioe, RNP has also joined the division, expanding the HIV and hepatitis clinical and research programs based in DGIM and the Medical Primary Care Unit, and coordinating clinical trials there.

Our Hospitalist Program, the first program of its kind in Rhode Island, continues to provide high quality, cost effective inpatient care at Rhode Island Hospital, while allowing community-based physicians to use their time more efficiently in the office. Since 1996, the service has grown to include a medical staff of 6 physicians and 2 nurse practitioners with plans for future expansion. This year the program relocated to renovated space in the Rhode Island Hospital Main Building’s Penthouse. Coverage is provided 24 hours per day, 7 days per week.

Finally, General Internal Medicine, the largest division in the Department of Medicine is pleased and very proud to report on a year of continued progress in pursuit of our goals for excellence in education, clinical care, and research administration.

Michele G. Cyr, M.D., Associate Professor of Medicine; Associate Dean for Graduate Medical Education; Director, Division of General Internal Medicine
Faculty Members

FULL-TIME FACULTY
(Hospital or Foundation Based)

Michele G. Cyr, M.D., Director, Associate Professor, Rhode Island Hospital, University Medicine Foundation
Mel Anderson, M.D., Clinical Assistant Professor, VAMC
Lynn Bowlby, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Amos Charles, M.D., Clinical Instructor, VA Medical Center
Jennifer Clarke, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Robert Crausman, M.D., Associate Professor of Medicine, Memorial Hospital
Mark J. Fagan, M.D., Associate Professor, Rhode Island Hospital, University Medicine Foundation
Sybil Cineas, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Joseph Diaz, M.D., Assistant Professor, Memorial Hospital
Peter Friedmann, M.D. M.P.H., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
*David R. Gifford, M.D. M.P.H., Assistant Professor, Rhode Island Hospital/Geriatrics, University Medicine Foundation
Debra S. Herman, Ph.D., Clinical Assistant Professor, Rhode Island Hospital
Jennifer Jeremiah, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Douglas Kiel, M.D. Ph.D., Adjunct Associate Professor, Rhode Island Hospital, University Medicine Foundation
**Lucia Larson, M.D., Assistant Professor, Rhode Island Hospital/Women & Infants
Michael Maher, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Kelly McGarry, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Anne W. Moulton, M.D., Associate Professor, Rhode Island Hospital, University Medicine Foundation
Jose Polanco, M.D., Director, Notre Dame Ambulatory Care Center, Clinical Instructor, Memorial Hospital
Roy Poses, M.D., Associate Professor, Memorial Hospital
Susan E. Ramsey, Ph.D., Assistant Professor of Research, Rhode Island Hospital, University Medicine Foundation
Cynthia Rosengard, Ph.D., Assistant Professor, Rhode Island Hospital
Benjamin Sapers, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Mark D. Schleinitz, M.D., M.Sc., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Jack Schwartzwald, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Michael D. Stein, M.D., Associate Professor, Rhode Island Hospital
Michelle Stocek, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Dominick Tammaro, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Iris Tong, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation

UNIVERSITY MEDICINE FOUNDATION
PRIMARY CARE

Francis Basile, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Kim Basu, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Karen Blackmer, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Thomas Bledsoe, M.D., Clinical Associate Professor, Rhode Island Hospital, University Medicine Foundation
Paul Breiding, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Stefano Cazzaniga, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Michael Felder, D.O., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Sajeew Handa, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Michael Hayden, D.O., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Christine Herbert, M.D., Ph.D., Clinical Assistant Professor, Miriam Hospital, University Medicine Foundation
David A. Herec, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
S. Ifthikhar Hussain, M.D., Clinical Instructor, Miriam Hospital, University Medicine Foundation
Michael Johnson, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Warren Licht, M.D., Clinical Assistant Professor, Miriam Hospital, University Medicine Foundation
Steven Mallozzi, M.D., Clinical Assistant Professor, Miriam Hospital, University Medicine Foundation
Jacqueline Michaud, M.D. Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Jennifer Maude, M.D., Clinical Instructor, Miriam Hospital, University Medicine Foundation
Louis Moran, D.O., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Lina Nemchenok, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Mariola Nowak, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Sara Nugent, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Gail M. O’Brien, M.D., Clinical Associate Professor, Rhode Island Hospital
Laura Ofstead, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Jeanne Oliva, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Anne Spaulding, M.D., Clinical Assistant Professor, Rhode Island Hospital
Edward Stulik, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
James Sullivan, M.D., Clinical Assistant Professor, Miriam Hospital, University Medicine Foundation
Lewis Weiner, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Tony Wu, M.D., Clinical Instructor, Rhode Island Hospital
Hugo M. Yamada, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation

VOLUNTEER FACULTY
Theophilus Addo, M.D., Clinical Instructor, Newport Hospital
Paul Agatiello, M.D., Clinical Instructor, Memorial Hospital
Khaja Ahmed, M.D. CHE, Clinical Assistant Professor, VA Medical Center
Scott Allen, M.D., Clinical Assistant Professor, Miriam Hospital
Motassem Al-Yacoub, M.D., Clinical Instructor, Memorial Hospital
Ahmad Al-Raqqad, M.D., Clinical Instructor, Memorial Hospital
Kim Amin, M.D., Clinical Assistant Professor, Memorial Hospital
Mel Anderson, M.D., Clinical Assistant Professor, VA Medical Center
Rex Appenfeller, M.D., Clinical Assistant Professor, Miriam Hospital
Daniel Asiedu, M.D., Ph.D., Clinical Instructor, Miriam Hospital
Jeffrey Austerlitz, M.D., Clinical Instructor, Rhode Island Hospital
Munawar Azam, M.D., Clinical Instructor, St. Joseph’s Hospital
Kaku Badoe, M.D., Clinical Assistant Professor, Miriam Hospital
Jeffrey Baron, M.D., Clinical Instructor, Memorial Hospital
Anne Bauman, M.D., Clinical Instructor, Memorial Hospital
Carolyn Blackman, M.D., Clinical Instructor, Rhode Island Hospital
Dawna Blake, M.D., Clinical Assistant Professor, VA Medical Center
Mark Braun, M.D., Clinical Assistant Professor, Roger Williams Medical Center
C. John Brex, M.D., Clinical Instructor, Rhode Island Hospital
Steven Brin, M.D., Clinical Instructor, Rhode Island Hospital
Gary Bubly, M.D., Clinical Assistant Professor, Miriam Hospital
Robert Burroughs, M.D., Clinical Assistant Professor, Memorial Hospital
James Cardi, M.D., Clinical Instructor, Rhode Island Hospital
Hector Castro, M.D., Clinical Professor of Medicine, Memorial Hospital
Dana Chofay, M.D., Clinical Instructor, Rhode Island Hospital
Evan Cohen, M.D., Clinical Assistant Professor, Miriam Hospital
Reid Coleman, M.D., Clinical Associate Professor, Miriam Hospital
Joyce Coppola, M.D., Clinical Assistant Professor, Memorial Hospital
Frederick Crisafulli, M.D., Clinical Associate Professor, Miriam Hospital
Anne Cushing-Brescia, M.D., Clinical Instructor, Miriam Hospital
Kwame Dapaah-Afriyie, M.D., Clinical Assistant Professor, Miriam Hospital
Allen Dennison, M.D., Clinical Assistant Professor, Rhode Island Hospital
Hector Derreza, M.D., Clinical Instructor, Miriam Hospital
Ghandi Drak, M.D., Clinical Instructor, Memorial Hospital
Jeffrey Drogin, M.D., Clinical Instructor, Rhode Island Hospital
Lata Eapen, M.D., Clinical Instructor, VA Medical Center
Yul Ejnes, M.D., Clinical Associate Professor, Rhode Island Hospital
Peter Eller, M.D., Clinical Assistant Professor, Miriam Hospital
Andrea Flory, M.D., Clinical Instructor, Rhode Island Hospital
Bruce Fischer, M.D., Clinical Instructor, Rhode Island Hospital
Keith Fish, M.D., Clinical Instructor, Miriam Hospital
David Fried, M.D., Clinical Assistant Professor, Rhode Island Hospital
Denise Glickman, M.D., Clinical Assistant Professor, Rhode Island Hospital
Walter Goula, M.D., Clinical Instructor, Miriam Hospital
R. Scott Hanson, M.D., M.P.H., Clinical Assistant Professor, Rhode Island Hospital
Pamela Harrop, M.D., Clinical Assistant Professor, Rhode Island Hospital
Donald Hebb, M.D., Clinical Instructor, Kent County Hospital
Hector Castro, M.D., Clinical Assistant Professor, Memorial
Melvin Hershkowitz, M.D., Clinical Assistant Professor, Miriam Hospital
Peter Hollmann, M.D., Clinical Assistant Professor, Roger Williams Medical Center
Guang Hu, M.D., Clinical Instructor, VA Medical Center
Henry Izeman, M.D., Clinical Associate Professor, Miriam Hospital
Mark Jacobs, M.D., Clinical Assistant Professor, Miriam Hospital
Steven Kempner, M.D., Clinical Assistant Professor, Miriam Hospital
Martin Kerzer, D.O., Clinical Instructor, Roger Williams Medical Center
David Kerzer, D.O., Clinical Instructor, Miriam Hospital
Sree Kesan, M.D., Associate Residency Director and Director of Hospitalist Service, Clinical Assistant Professor, Memorial Hospital
Mohammad Khan, M.D., Clinical Assistant Professor, Memorial Hospital
Razib Khaund, M.D., Clinical Assistant Professor, Miriam Hospital
William Kirkpatrick, Clinical Teaching Associate, Miriam Hospital
David Kitzes, M.D., Clinical Associate Professor, Miriam Hospital
Thomas Krahm, M.D., Clinical Assistant Professor, Rhode Island Hospital
Chi Kuang Lai, M.D., Clinical Assistant Professor, VA Medical Center
Carlos Lira, M.D., Clinical Instructor, Memorial Hospital
Nancy Littell, M.D., M.P.H., Clinical Assistant Professor, Rhode Island Hospital
Kapildeo Lotun, M.D., Clinical Instructor, Miriam Hospital
Hua Chung Lu, M.D., Clinical Instructor, Rhode Island Hospital
Michael Macko, M.D., Clinical Associate Professor, VA Medical Center
Samir Makarious, M.D., Clinical Assistant Professor, Miriam Hospital
Timothy Manown, M.D., Clinical Instructor, Kent County Hospital
Fadi Mansourati, M.D., Director Internal Medicine Center, Clinical Assistant Professor, Memorial Hospital
Vincent Marcaccio, M.D., Clinical Instructor, Roger Williams Medical Center
David Marcoux, M.D., Clinical Assistant Professor, Miriam Hospital
Patricia Marshall, Ph.D., Clinical Teaching Associate, Memorial Hospital
Edward Martin, M.D., Clinical Assistant Professor, Roger Williams Medical Center
Robert Mathieu, M.D., Clinical Instructor, Miriam Hospital
Steven McCloy, M.D., Clinical Assistant Professor, Miriam Hospital
John Miskovsky, M.D., Clinical Assistant Professor, Memorial Hospital
Richard Morgera, M.D., Clinical Instructor, Miriam Hospital
Kathleen Morton, M.D., Clinical Assistant Professor, Memorial Hospital
Paul Murphy, M.D., Clinical Assistant Professor, VA Medical Center
Vito Longobardi, M.D., Clinical Instructor, Memorial
Edward Olchowski, M.D., Clinical Assistant Professor, Miriam Hospital
Albert Osei, M.D., Clinical Assistant Professor, Rhode Island Hospital
Yogesh Pancholi, M.D., Clinical Instructor, Memorial Hospital
Terry Patinkin, M.D., FACEP, Clinical Assistant Professor, Roger Williams Medical Center
Vincent Pera, M.D., Clinical Assistant Professor, Miriam Hospital
Raymond Petit, M.D., Clinical Assistant Professor, Rhode Island Hospital
Peter Petropoulos, M.D., Clinical Assistant Professor, VA Medical Center
Soneath Pond, M.D., Clinical Instructor, Roger Williams Medical Center
Mitchell Pressman, M.D., Clinical Instructor, Rhode Island Hospital
Anthony Ricci, M.D., Clinical Instructor, Miriam Hospital
Tina Rizack, M.D., Clinical Instructor, Memorial Hospital
Fredy Roland, M.D., Clinical Assistant Professor, Memorial Hospital
Richard Ruggieri, M.D., Clinical Assistant Professor, Miriam Hospital
Patricia Russo-Magno, M.D., Clinical Assistant Professor, Memorial
Richard Ryter, M.D., Clinical Assistant Professor, Roger Williams Medical Center
Larry Schoenfeld, M.D., Clinical Assistant Professor, Miriam Hospital
Howard Schulman, M.D., Clinical Assistant Professor, Miriam Hospital
Stephen Scott, M.D., Clinical Instructor, Rhode Island Hospital
Russell Settipane, M.D., Clinical Assistant Professor, Rhode Island Hospital
Parviz Shavandy, M.D., Clinical Instructor, VA Medical Center
Michael Siclari, M.D., Clinical Assistant Professor, Roger Williams Medical Center
Diane Siedlecki, M.D., Clinical Instructor, Miriam Hospital
Julie Smail, M.D., Clinical Instructor, Memorial Hospital
Jean Smith, M.D., Clinical Instructor, Miriam Hospital
Lynn Sommerville, M.D., Ph.D. Clinical Assistant Professor, Miriam Hospital
Josef Sternberg, M.D., Ph.D. Clinical Assistant Professor, VA Medical Center
John Stoukides, M.D., Clinical Assistant Professor, Roger Williams Medical Center
Edward Wheeler, M.D., Clinical Assistant Professor, Rhode Island Hospital
Madhavi Yerneni, M.D., Clinical Instructor, Miriam Hospital
Nidal Yunis, M.D., Clinical Assistant Professor, Memorial Hospital
Vladislav Zayas, M.D., Clinical Instructor, Miriam Hospital
Flora Treger, M.D., Clinical Instructor, Rhode Island Hospital
Caroline Troise, M.D., Ph.D. Clinical Assistant Professor, Miriam Hospital
Philip Vaidyan, M.D., Clinical Instructor, Miriam Hospital
Todd Viccione, M.D., Clinical Instructor, Rhode Island Hospital
Barbara Weil, M.D., Clinical Instructor, VA Medical Center
Karen Woolfall-Quin, M.D., Clinical Instructor, VA Medical Center

* Joint appointment in Geriatrics
**Joint appointment in Obstetric & Consultative Medicine
### FACULTY TRANSITIONS

#### Departing Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Hospital</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Burroughs, M.D.</td>
<td>Clinical Assistant Professor, Memorial Hospital</td>
<td></td>
</tr>
<tr>
<td>Barbara Tate, PhD</td>
<td>Adjunct Assistant Professor (Rsch), Brown</td>
<td></td>
</tr>
<tr>
<td>Keith Fish, M.D.</td>
<td>Clinical Instructor, The Miriam Hospital</td>
<td></td>
</tr>
<tr>
<td>George Gleva, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td></td>
</tr>
<tr>
<td>Linda Jordan, MSN</td>
<td>Clinical Teaching Associate, Memorial Hospital</td>
<td></td>
</tr>
<tr>
<td>David Kerzer, DO</td>
<td>Clinical Instructor, The Miriam Hospital</td>
<td></td>
</tr>
<tr>
<td>Martin Kerzer, DO</td>
<td>Clinical Instructor, The Miriam Hospital</td>
<td></td>
</tr>
<tr>
<td>Robert Mathieu, M.D.</td>
<td>Clinical Instructor, The Miriam Hospital</td>
<td></td>
</tr>
<tr>
<td>Felicia Meila, M.D.</td>
<td>Clinical Instructor, The Miriam Hospital</td>
<td></td>
</tr>
<tr>
<td>Kathleen Morton, M.D.</td>
<td>Clinical Assistant Professor, The Miriam Hospital</td>
<td></td>
</tr>
<tr>
<td>Edward Olchowski, M.D.</td>
<td>Clinical Assistant Professor, The Miriam Hospital</td>
<td></td>
</tr>
<tr>
<td>Albert Osei, M.D.</td>
<td>Clinical Assistant Professor, Rhode Island Hospital</td>
<td></td>
</tr>
<tr>
<td>Richard Ryter, M.D.</td>
<td>Clinical Assistant Professor, Roger Williams</td>
<td></td>
</tr>
<tr>
<td>William Sabina, M.D.</td>
<td>Clinical Instructor, Rhode Island Hospital</td>
<td></td>
</tr>
<tr>
<td>Julie Smail, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td></td>
</tr>
<tr>
<td>Anne Spaulding, M.D.</td>
<td>Clinical Assistant Professor, Rhode Island Hospital</td>
<td></td>
</tr>
<tr>
<td>Nidal Yunis, M.D.</td>
<td>Assistant Professor, Memorial Hospital</td>
<td></td>
</tr>
</tbody>
</table>

#### New Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Faculty Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mel Anderson, M.D.</td>
<td>Preceptor: UC Davis Medical School 1997-2000 VAMC</td>
<td>Preceptor: UC Davis Medical School 1997-2000 VAMC, Clinical Assistant Professor, RIH</td>
</tr>
<tr>
<td>Jennifer Clarke, M.D.</td>
<td>Women's Health Fellow, Brown Medical School</td>
<td>Assistant Professor, RIH</td>
</tr>
<tr>
<td>Joseph Diaz, M.D.</td>
<td>Fellowship: Brown, RIH</td>
<td>Assistant Professor, Memorial</td>
</tr>
<tr>
<td>Debra Herman, Ph.D.</td>
<td>Research Project and Development Assistant</td>
<td>Clinical Assistant Professor, RIH</td>
</tr>
<tr>
<td>Jose Polanco, M.D.</td>
<td>Resid. RIH 6/98-6/01</td>
<td>Clinical Instructor, Memorial</td>
</tr>
<tr>
<td>Cynthia Rosengard, Ph.D.</td>
<td>Assistant Professor at Pacific Graduate School of Psych</td>
<td>Assistant Professor (Res.)</td>
</tr>
<tr>
<td>Benjamin Sapers, M.D.</td>
<td>Staff Internist, University Medical Associates</td>
<td>Clinical Assistant Professor, RIH</td>
</tr>
<tr>
<td>Mark Schlienitz, M.D., M.S.</td>
<td>Staff Physician: Palo Alto, VA Healthcare System</td>
<td>Assistant Professor, RIH</td>
</tr>
<tr>
<td>Michelle Stozek, M.D.</td>
<td>Chief Medical Resident, Brown Medical School</td>
<td>Clinical Assistant Professor, RIH</td>
</tr>
<tr>
<td>Iris Tong, M.D.</td>
<td>Chief Medical Resident, Brown Medical School</td>
<td>Clinical Instructor, RIH</td>
</tr>
</tbody>
</table>

#### Foundation Based Primary Care Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Faculty Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jennifer Maude, M.D.</td>
<td></td>
<td>Clinical Instructor, Miriam</td>
</tr>
<tr>
<td>Paul Breiding, M.D.</td>
<td>Locum Tenens Physician for CompHealth 1999</td>
<td>Clinical Instructor, Miriam</td>
</tr>
<tr>
<td>Name</td>
<td>Faculty Rank</td>
<td>Former Position</td>
</tr>
<tr>
<td>-----------------------------</td>
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<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Theophilus Addo, M.D.</td>
<td>Clinical Instr., Newport Hospital</td>
<td>Anne Arundel Med. Ctr. 3/00-10/01</td>
</tr>
<tr>
<td>Sudeep Aulakh, M.D.</td>
<td>Clinical Assist. Professor, RIH</td>
<td>Teaching Fellow, Brown, 1997-2000</td>
</tr>
<tr>
<td>Carolyn Blackman, M.D.</td>
<td>Clinical Instructor, R.I. Hospital</td>
<td>Chief Resid. Brown Univ. GIM 00-01</td>
</tr>
<tr>
<td>Ahmad Al-Raqqad, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td>Chief Resident, Brown Medical Sch., Primary Care Residency Program</td>
</tr>
<tr>
<td>Motasem Al-Yacoub, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td>(TERMINATED)</td>
</tr>
<tr>
<td>Kim Amin, M.D.</td>
<td>Clin. Assist. Professor, Memorial Hosp.</td>
<td>Chief Resident, Brown Medical Sch., Internal Medicine Residency Prog.</td>
</tr>
<tr>
<td>Jeffrey Baron, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td>Resident, Brown Medical School, Internal Medicine Residency Prog.</td>
</tr>
<tr>
<td>Anne Bauman, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td>Attending Physician, GIM</td>
</tr>
<tr>
<td>Hector Castro, M.D.</td>
<td>Clinical Assist. Prof., Memorial Hospital</td>
<td>Hospitalist-Teaching Physician, Internal Medicine</td>
</tr>
<tr>
<td>Joyce Coppola, M.D.</td>
<td>Clinical Assist. Prof., Memorial Hospital</td>
<td>Attending Physician, GIM</td>
</tr>
<tr>
<td>Ghandi Drak, M.D.</td>
<td>Notre Dame Ambulatory Ctr.; Resid: RWMC 97-00</td>
<td>Clin. Instr., Memorial Hospital</td>
</tr>
<tr>
<td>Andrea Flory, M.D.</td>
<td>Clinical Instructor, RIH</td>
<td>Resid. RIH 1999-2001</td>
</tr>
<tr>
<td>Sadia Iftikhar, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td>Post-Doctoral Research Fellowship University of Pennsylvania School of Medicine 1997-98</td>
</tr>
<tr>
<td>Carlos Lira, M.D.</td>
<td>Clinical Instructor, Memorial Hosp.</td>
<td></td>
</tr>
<tr>
<td>Vito Longobardi, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td></td>
</tr>
<tr>
<td>Kapildeo Lotun, M.D.</td>
<td>Clinical Instructor, Miriam Hospital</td>
<td>Resid New England Medical Ctr/ Tufts University, 99-00</td>
</tr>
<tr>
<td>Fadi Mansourati, M.D.</td>
<td>Clinical Assist. Prof., Memorial Hosp.</td>
<td>Notre Dame Ambulatory Care Ctr.</td>
</tr>
<tr>
<td>Patricia Marshall, Ph.D.</td>
<td>Clinical Teaching Associate, Memorial</td>
<td>Chief Resident, Brown Medical Sch., Spanish Internal/Peds. Resid. Prog.</td>
</tr>
<tr>
<td>John Miskovsky, M.D.</td>
<td>Clinical Assist. Prof., Memorial Hospital</td>
<td>Chief Resident, Brown Medical Sch., Internal Medicine</td>
</tr>
<tr>
<td>Yogesh Pancholi, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td>Attending Physician, GIM</td>
</tr>
<tr>
<td>Tina Rizack, M.D.</td>
<td>Clinical Instructor, Memorial Hospital</td>
<td>Resident, The University of Chicago Hospitals, Internal Medicine</td>
</tr>
<tr>
<td>Fredy Roland, M.D.</td>
<td>Clinical Assist. Prof., Memorial Hosp.</td>
<td></td>
</tr>
<tr>
<td>Patricia Russo-Magno, M.D.</td>
<td>Clinical Assist. Prof., Memorial Hosp.</td>
<td>Attending Physician, Pulm/CC</td>
</tr>
<tr>
<td>Tina Rizack, M.D.</td>
<td>Resid: The Univ. of Chicago Hospitals</td>
<td>Clin. Instr., Memorial Hospital</td>
</tr>
<tr>
<td>Parviz Shavandy, M.D.</td>
<td>Charlton Memorial Hospital, St. Anne’s Hospital 7/94 Lahey Clinic Fall River 10/9</td>
<td>Clin. Instr., VAMC</td>
</tr>
<tr>
<td>Flora Treger, M.D.</td>
<td>Multispecialty group for women 1992</td>
<td>Clin. Instr., RIH</td>
</tr>
<tr>
<td>Madhavi Yerneni, M.D.</td>
<td>TMH 1999</td>
<td>Clin. Instr., Miriam Hospital</td>
</tr>
</tbody>
</table>
National and International Honors and Recognition

Michele G. Cyr, M.D.
• Perishable Theater’s Board of Directors Influential Women of Rhode Island Award, 2002
• Outstanding Woman in Science Award, Providence, 2001

Invited presentations:
• “Managing Menopause,” American College of Physicians, American Society of Internal Medicine Annual Meeting, Philadelphia, PA, April 2002
• “Meet the Professor,” American College of Physicians, American Society of Internal Medicine Annual Meeting, Philadelphia, PA, April 2002
• “Getting Through the Match,” American College of Physicians, American Society of Internal Medicine Annual Meeting, Philadelphia, PA, April 2002
• “Building a Career as a Clinician Educator and Administrator,” SGIM Regional Meeting, Beth Israel Deaconess Medical Center, March 2002.
• “The Pros & Cons of Hormone Therapy,” The Department of Food and Nutrition Services’ Twelfth Annual Nutrition Symposium
• “Menopausal Hormone Therapy: Where Are We Now?,” Brown Medical School’s Department of Medicine: Update in Internal Medicine, Providence, RI, May 16, 2003.
• “Menopause Treatments in the Wake of WHI,” Update on Women’s Issues – Medical Grand Rounds, Rhode Island Hospital, Providence, RI, May 20, 2003.

Joseph A Diaz, M.D.

Invited Presentations:
• “Impact of Interpretation Methods on Clinic Visit Length,” Society of General Internal Medicine Annual Meeting, Atlanta, GA, 2002
• “Impact of Trainee Level on Clinic Visit Length,” Clerkship Directors in Internal Medicine National Meeting, Washington, DC, October 2002
• “Evaluation of Patient Satisfaction in a Medication Assistance Program (MAP),” Society of General Internal Medicine Annual Meeting, Vancouver, BC, May 2003
• “Sample Medication Use in Internal Medicine Teaching Clinic: A National Survey,” Society of General Internal Medicine, Annual Meeting, Vancouver, BC, May 2003

Mark J. Fagan, M.D.
• President, National Clerkship Directors in Internal Medicine (CDIM)

Invited presentations:
• “Impact of Interpretation Methods on Clinic Visit Length,” Society of General Internal Medicine National Meeting, Atlanta, GA, May 2002
• “Resident Teaching Clinics: Recent innovations and Meeting Challenges of the Next 25 Years,” Society of General Internal Medicine National Meeting, Atlanta, GA, May 2002
Peter D. Friedmann, M.D., MPH
- Bruce M. Selya Award for Research Excellence, Lifespan Hospitals, November 8, 2002.
- Best Workshop Award for “Primercare: Promote Recovery in Medical Care,” 25th Annual National Meeting of the Association for Medical Education and Research in Substance Abuse, 2002
- Invited to serve as a national mentor in the CSAT/SAMHSA Interdisciplinary Program to Improve Health Professional Education in substance abuse.
- Guest Associate Editor, Journal of General Internal Medicine, Special Issue – Substance Abuse: Innovations in Primary Care, 2002

Invited presentations:
- “Screening, Assessment, Intervention and Referral,” HRSA-AMERSA-CSAT/SAMHSA Interdisciplinary Program to Improve Health Professional Education in Substance Abuse, Baltimore, M.D., 2002
- “Grant Writing,” HRSA-AMERSA-CSAT/SAMHSA Interdisciplinary Program to Improve Health Professional Education in Substance Abuse, Project MAINSTREAM Northeast Regional Meeting, Providence, RI, 2002
- “Maintenance Care and Relapse Prevention for Substance-Related Disorders in Remission,” Society of General Internal Medicine 25th Annual Meeting, Atlanta, GA, 2002
- “Maintenance Care and Relapse Prevention for Substance-Related Disorders in Remission,” Grand Rounds, Boston Healthcare for the Homeless Program, Boston, MA, 2002

Carol Landau, PhD
- Editorial Board member, Menopause Management
- Medical Advisory Board, Wellness Council of America, Omaha, NB, 2001-present
- Chair, Clinical Appointment and Promotions Committee, Brown University Department of Psychiatry and Human Behavior
- Past President, Rhode Island Psychological Association

Invited Presentations:

Kelly A. McGarry, M.D.
- Top Doctor for Women, Rhode Island Monthly, 2003
- Board member, University Medicine Foundation, 2002
- Profile in Competence Award – Moral Reasoning and Ethics, Brown Medical School medical students, May 2002
- Co-investigator, Lesbian Health Fund

Invited Presentations:
- “Getting Through the Match,” American College of Physicians, American Society of Internal Medicine Annual Meeting, Philadelphia, PA, April 2002

Anne Moulton, M.D.

Invited Presentations:

Roy Maurice Poses, M.D.
- Consultant, Clinical Judgment Analysis Pilot Project Task Force, National Board of Medical Examiners, Philadelphia, PA, 2002-2003
- Chair, Development Committee, Society for Medical Decision Making, 1999-2002
- Chair, Health Services Research III Subcommittee, Scientific Program Committee, Society for General Internal Medicine, 2002
- Member, Special Emphasis Panel, Clinical Informatics to Promote Patient Safety, Agency for Health Care Research and Quality, 2001
- External Reviewer, Sheikh Hamdan bin Rashid Al Mahtoum Award for the Best Medical College/Institute in the Arab World, 2002
- Named as one of the “Top 5% of all reviewers in last five years,” Medical Care, 2001
- Eugene Saenger Award for Distinguished Service, Society for Medical Decision Making, 2001

Invited Presentations:
- “Healing the Schism, Again? - Medicine vs. Public Health,” Special Seminar, Department of Preventive Medicine and Community Health, VCU-Medical College of Virginia, Richmond, VA, July, 2001
- Faculty, Course on Changing Physician Behavior, Annual Meeting of the Society for Medical Decision Making, San Diego, CA, October, 2001
• Coordinator and Faculty, Course on Conflict of Interest and Research Integrity, Annual Meeting of the Society for Medical Decision Making, San Diego, CA, October, 2001
• “Toma de Decisiones en UCI [ICU Decision Making] a Simposio: Terapia en Cuidado Intensivo [Symposium: Therapy in the Intensive Care Unit],” Departamento de Medicina Interna, Facultad de Medicina, Pontificia, Universidad Javeriana, Bogota, Colombia, February, 2002
• “Falla Cardiaca Congestiva.” [Congestive Heart Failure]. Curso: Terapeútica en el Paciente Agudamente Enfermo. [Course on Therapeutic in the Acutely Ill Patient],” Departamento de Medicina Interna, Facultad de Medicina, Pontificia, Universidad Javeriana, Bogota, Colombia, February, 2002
• “Terapia Medicinal del Infarto Agudo de Miocardio.” [Medical Therapy of Acute Myocardial Infarction],” Departamento de Internal Medicine, Universidad Javeriana, Bogota, Colombia, Departmento de Medicina Interna, Facultad de Medicina, Pontificia, Universidad Javeriana, Bogota, Colombia, February, 2002

Susan E. Ramsey, Ph.D.

Invited Presentations:
• “PRIMECare: Promote recovery in medical care,” 25th Annual AMERSA National Conference, Alexandria, VA, 2002
• “What predicts mental health treatment adherence among injection drug users?” Association for Advancement of Behavior Therapy, Philadelphia, PA, 2002
• “Validation of the balloon analogue risk task (BART) for assessing real world risky behaviors,” Association for Advancement of Behavior Therapy, Philadelphia, PA, 2002
• “Exercise attitudes and behaviors in individuals with alcohol use disorders,” Association for Advancement of Behavior Therapy, Philadelphia, PA, 2002
• “Validation of the balloon analogue risk task (BART) for assessing real world risky behaviors,” presented at the Association for Advancement of Behavior Therapy, Philadelphia, PA, 2002

Cynthia Rosengard, Ph.D.

Invited Presentations:
• “The relationship of general perceived self-efficacy, health locus of control, and health value to health risk behavior among adolescents,” Society for Research on Child Development. Tampa, FL, April 2003
• “Health locus of control, health value, self efficacy, and acculturation status in predicting health risk behaviors among Latino adolescents,” Latino Psychology Conference, Providence, RI, October 2002
• “Partner-specific factors in adolescent sexual behavior,” Center for HIV Intervention and Prevention (CHIP), brown bag lecture series, Storrs, CT, October 2002

Mark D. Schleinitz, M.D., MSc

• Milton W. Hamolsky Junior Faculty Award for the most outstanding scientific presentation, Society of General Internal Medicine, 26th Annual Meeting, Vancouver, BC, May 2003.

Invited Presentation:

Michael D. Stein, M.D.

• Midcareer Investigator Award from the National Institute on Drug Abuse. This distinction provides support for mentoring junior faculty as well as for the expansion of innovative research.

Invited Presentation:
• “Reducing Sexual Risk for Substance Using Heterosexual Men,” Center for Disease Control, January 2002

Dominick Tammaro, M.D.

• Associate Chief for Clinical Affairs for the Department of Medicine, Rhode Island Hospital, 2003
• Nominee/Finalist, Accreditation Council for Graduate Medical Education Parker J. Palmer “Courage to Teach” Award, 2002

Invited presentations:
• “Medical Care of the Perioperative Patient,” Grand Rounds, Memorial Hospital of Rhode Island, February 2002
• “Developing Curriculum for Milestones in Professional Development: Transitions During Medical Residency,” Association of Program Directors in Internal Medicine Annual Meeting, Philadelphia, PA, Overall Workshop Director/ Small Group Facilitator, April 2002
• “Morning Report: Twelve Simultaneous Sessions,” Association of Program Directors in Internal Medicine, Philadelphia, PA, Overall Workshop Director/ Small Group Facilitator, April 2002
• “Getting Through the Match,” American College of Physicians-American Society of Internal Medicine Annual Session, Philadelphia, PA, Invited Panelist, April 2002
• “Medical Care of the Perioperative Patient,” Grand Rounds, Worcester Medical Center, Worcester, MA, Presenter, October 2002

Research and Other Scholarly Activities

Faculty Members of Study Sections and Advisory Committees

Robert S. Crausman, M.D.
• Principal Investigator, development of a curriculum in Podogeriatrics, HRSA

Michele G. Cyr, M.D.
• Co-PI, Women’s Health Initiative Vanguard Center, Memorial Hospital of Rhode Island, 2001 – present
• Consultant, AHRQ, “A menopause interactive decision aid system,” 2002

TEACHING ACTIVITIES

EDUCATION HONORS

Lynn Bowlby, M.D.
• Department of Medicine, Attending Teaching Award, 2002

Michele G. Cyr, M.D.
• Chairman’s Award for Outstanding Teaching, Brown Medical School, Department of Medicine, 2002

Joseph A Diaz, M.D.
• Profiles in Competence Award – Ability IV “Self-Care, Self-Awareness and Personal Growth”, Brown Medical School, Providence, RI, May 2003

• Faculty recipient – Arnold P. Gold Humanism in Medicine Award, Brown Med. School, Prov., RI, May 2003
• Excellence in Teaching Award, Internal Medicine Residency Program, Memorial Hospital of RI/ Brown Medical School, Pawtucket, RI, June 2003
• Dean’s Teaching Excellence Award, Brown Medical School, 2002
• Member, Mentoring Program for Beginning Faculty, Brown Medical School, 2002
• Innovation in Medical Education, Brown Medical School, Providence, RI, December 2002

Mark J. Fagan, M.D.
• Faculty Teaching Award, Brown Medical School, May 2003
• Arnold P. Gold Foundation Award for Humanism in Medicine, Brown Medical School, Class of 2002
• Named “Hooder”, Brown Med. School, Class of 2002
• Senior Citation, Brown Medical School, Class of 2002
• Chairman’s Award for Outstanding Teaching, Brown Medical School, Department of Medicine, 2002

Jennifer Jeremiah, M.D.
• Brown Medical School Certificate of appreciation for ten years of teaching, 2003
• Brown Medical School Excellence in Teaching Award, 2001

Carol Landau, PhD
• Brown Medical School Distinguished Teacher Award, 2002
• Excellence in Clinical Teaching Award, Brown Medical School, 2002
• Department of Psychiatry & Human Behavior Honor for Chairing Clinical Appointments, Reappointments and Promotions Committee, 2002

Michael Maher, M.D.
• Chairman’s Award for Outstanding Teaching, Brown Medical School, Department of Medicine, 2003
• Attending Teaching Award, Brown Medical School’s Internal Medicine Residency Program, May 2003

Kelly A. McGarry, M.D.
• Faculty Teaching Award, Brown Medical School, May 2003
• Department of Medicine Teaching Award, Brown Medical School, 2002

Benjamin Sapers, M.D.
• Dean’s Teaching Excellence Award, Brown Medical School, 2003

Dominick Tammaro, M.D.
• Dean’s Teaching Excellence Award, Brown Medical School, 2001, 2002
• Faculty Appreciation Award, Brown Medical School, Class of 2001
• Faculty member, Alpha Omega Alpha Medical School Honor Society, elected by student body 2001
• Elected as Faculty Marshall, Brown Medical School, Class of 2002, 2003

Iris L. Tong, M.D.
• Dean’s Teaching Excellence Award, Brown Medical School, 2002

TEACHING RESPONSIBILITIES

Michele Cyr, M.D.
• Program Director, General Internal Medicine Residency, Rhode Island Hospital
• Ward Attending - Med B (Inpatient Medical Service)
• General Medicine Consult Ward Attending
• Problem-Based Learning, 3rd Year Medical Clerks
• Chief Residents Supervisor as Inpatient Attendings
• Ambulatory Block Seminars for Internal Medicine Residents
• ACGME Core Competency Retreat, Program Coordinator & Speaker
• Brown Medical School Graduate Medical Education Committee

Jennifer Clarke, M.D.
• Second Site Resident Seminars
• Ambulatory-Block Didactics (Health Care for the Incarcerated, Senior Research Project Development)

Joseph Diaz, M.D.
• Site Director, Brown Medical School Internal Medicine Clerkship, Memorial Hospital
• Co-coordinator, 3rd year Medical Student Internal Medicine OSCE
• Preceptor, Memorial Hospital Resident Clinic
• Evidence-based medicine lecture series for the Memorial Hospital Residency
• Ambulatory-Block Didactics, Rhode Island Hospital, with Carol Landau, the bilingual interview and care of the underserved

Mark J. Fagan, M.D.
• President, National Clerkship Directors in Internal Medicine (CDIM)
• Medical school curriculum committee and basic clinical skills committee
• Director, Medical Primary Care Unit (MPCU), which serves as a site for about 10 students/year for the required Longitudinal Clerkship
• Preceptor, Medical Students conducting independent study projects
• Ward Attending - Med B (Inpatient Medical Service)

Peter Friedmann, M.D., MPH
• Preceptor, Medical Primary Care Unit
• Clerkship or sub-intern involvement: One inpatient ward month annually, 3-4 Brown students per week in outpatient medical clinic.
• Critical Appraisal, Motivational Interviewing, Ambulatory Morning Report for General Internal Medicine and Categorical Residents on Ambulatory Block
• Ward Attending - Med B (Inpatient Medical Service)

Jennifer Jeremiah, M.D.
• Director, community-based education/second site program
• Primary care and categorical block seminars on clinical teaching
• Co-leader weekly intern conference
• Preceptor for continuity resident
• Medical service attending

Carol Landau, PhD
• Direct and implement Behavioral Sciences Curriculum, General Internal Medicine Residency
• Conduct Professional Development seminars, General Internal Medicine
• Conduct Behavioral Medicine seminars, Categorical Residency Block
• Conduct Psychological Issues seminars, Medicine-Pediatrics Residency

Michael Maher, M.D.
• Preceptor, 3rd year Brown Medical School Internal Medicine Clerkship
• Ward Attending
• Outpatient Clinical Preceptor

Janet Manes, M.D.
• Site Director, for the physical diagnosis class

Kelly A. McGarry, M.D.
• Associate Program Director, General Internal Medicine Residency, Rhode Island Hospital
• Sub-internship Coordinator at RIH
• Dean’s Letters and advisor for undecided students
• Ward Attendings - Med B (Inpatient Medical Service)
• General Medicine Consult Ward Attending
• Chief Residents Supervisor as Inpatient Attendings
• Ambulatory Block Seminars for Internal Medicine Residents
• Preceptor, Medical Primary Care Unit
• Ambulatory Morning Report Teaching Sessions for General Internal Medicine Residents
• ACGME Core Competency Retreat, Program Coordinator & Speaker
• Brown Medical School Graduate Medical Education Committee
Anne Moulton, M.D.
- Ward Attending - Med B (Inpatient Medical Service)
- General Medicine Consult Ward Attending
- Co-Director, Department of Medicine Residents Research Program
- Ambulatory Block for Categorical Program:
  - Alcohol diagnosis and treatment
  - Evidence based medicine
- Ambulatory Block for Primary Care Residents:
  - Alcohol diagnosis and treatment
  - Evidence based medicine
  - Women's Health
- Preceptor, Medical Primary Care Unit
- Internal Medicine Second Site Preceptor (categorical and primary care program residents) at Women’s Health Associates.
- Third year BMS Internal Medicine Clerkship (Preceptor)
- Third-fourth year rotation in longitudinal care in Medical Primary Care Unit (Preceptor)
- Dean’s Letter writer/adviser for Fourth Year students going into medicine residency

Susan Ramsey, PhD
- Motivational Interviewing, Addictive Behaviors Seminar, Brown Medical School Psychology Internship Program
- Coordinator, Adult Track Seminar Series, Brown Medical School Psychology Internship Program

Benjamin Sapers, M.D.
- Preceptor, 3rd year Brown Medical School Internal Medicine Clerkship
- Ward Attending, 5 months per year for housestaff and medical students
- Outpatient Clinical Preceptor, full-time 7 months per year, part-time 5 months per year

Mark Schleinitz, M.D.
- Ward Attending, Providence VA Medical Center
- General Medical Clinic Preceptor, Providence VA Medical Ctr

Michael Stein, M.D.
- Clerkship and sub-intern involvement: Two inpatient ward months annually, 2 Brown students per week in outpatient HIV clinic
- Co-Director, Brown Med. School HIV/AIDS elective
- HIV teaching, Motivational Interviewing during Block for residents
- 2 internal medicine residents 2nd site preceptorships

Michelle Stozek, M.D.
- Preceptor at Rhode Island Hospital and The Miriam Hospital medical clinics
- Medical Director of the Miriam Medical Clinic
- Second site preceptor for medical resident
- Preceptor for 3rd year medical clerkship course
- Ward attending at Rhode Island Hospital
- Ambulatory morning report preceptor

Dominick Tammaro, M.D.
- Associate Program Director, Categorical and Preliminary Internal Medicine Residency; Co-Director, Combined Program in Medicine/Pediatrics, Rhode Island Hospital
- Interviewing for Residency Programs, Co-Director, workshop for Brown Medical Students
- Small Group Facilitator, Clinical Teaching Seminars, Categorical and General Internal Medicine Residency Program Ambulatory Block Rotations
- Small Group Facilitator, Medicare Billing and Documentation Seminars, Categorical and General Internal Medicine Residency Program Ambulatory Block Rotations
- ACGME Core Competency Retreat, Program Coordinator & Speaker
- Brown Medical School Graduate Medical Education Committee
- Service Attending, Med B Inpatient Service, Faculty Instructor
- General Internal Medicine Consultation Attending
- Medical Intern Conference Co-Leader, weekly conference
- Applying for Fellowships, Medicine Residency Noon Conference
- Medical Care of the Perioperative Patient, Grand Rounds, Worcester Medical Center
- Morning Report: Fourteen Simultaneous Sessions

Iris L. Tong, M.D.
- Physical Diagnosis Course (run by Jack Schwartzwald, M.D.) for the 2nd year Brown Medical students
- Rational Clinical Exam Course (run by Mark Fagan) for the 3rd year BMS
- Ambulatory Morning Report Teaching Sessions for General Internal Medicine Residents
- Evidence-Based Medicine Teaching Sessions for the Categorical IM Residents
- Problem based-learning sessions for the 3rd year BMS
- Third year BMS Internal Medicine Clerkship Preceptor
- Ward Attending - Med B (Inpatient Medical Service)
- General Medicine Consult Ward Attending
- Resident Clinic Preceptor
- Resident Second-Site Preceptor
### GRADUATE CAREER CHOICES — 2002

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<th>Brown DOM Residencies</th>
<th>RIH-GIM</th>
<th>RIH-CAT</th>
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### GRADUATE CAREER CHOICES — 2003

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<td>1</td>
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### RHODE ISLAND HOSPITAL AND THE MIRIAM HOSPITAL

#### GRADUATE CAREER PLANS 2002

**Chief Medical Residents**
- Vincent Ho, M.D., Hospitalist, St. Anthony’s Central, Denver, Colorado
- William Nicholson, M.D., Cardiology Fellowship, Emory VA Hospital, Atlanta, GA
- Michelle A. Stozek, M.D., General Internal Medicine Practice, University Medicine Foundation, Providence, RI
- Sarah Tariq, M.D., Academic General Internal Medicine Position, Little Rock, Arkansas
- Kathy Tuohy, M.D., Nephrology Fellowship, Beth Israel Hospital, Boston, MA

**General Internal Medicine Residents**
- Amy S. Gottlieb, M.D., Private Practice
- Douglas R. Gronda, M.D., Practice in Massachusetts
- Sharrah E. Jenkins, M.D., Group Practice, Wendover Medical Center, Greensboro, NC
- James Y. Kim, M.D., Locum Tenens, Ohio
- Karen Kim, M.D., Hospital Practice, Community Medical Center, West-Torns River, NJ
- Troy M. Martin, M.D., Infectious Disease Fellowship, Brown Medical School-Rhode Island Hospital, Providence, RI
- Daniel A. Miller, M.D., Faulkner Hospital, West Roxbury, MA
- Virginia R. Smith, M.D., Chief Medical Resident, Brown Medical School, Providence, RI
- Charles W. Tate, M.D., Chief Medical Resident, Brown Medical School, Providence, RI
- Rollin M. Wright, M.D., Geriatrics Fellowship, Brown Medical School, Rhode Island Hospital, Providence, RI

**Categorical Internal Medicine Residents**
- Curt G. Beckwith, M.D., Chief Medical Resident, Internal Med. Resid. Programs, Brown Medical School, Providence, RI
- Michael A Capicotto, M.D., Hospitalist (02-03), Coastal Medical, Prov., RI; ‘03-Neph. Fellow., Brown Med. Sch., Prov., RI
- Gerardo P. Carino, M.D., Pulmonary Fellowship, Brown Medical School, Rhode Island Hospital, Providence, RI
- Youngsoo Cho, M.D., Hospital Practice, Charlton Memorial Hospital, Fall River, MA
Jonathan Cohen, M.D., Infectious Disease Research Training Grant, The Miriam Hospital, Providence, RI
Henry L. Danis, M.D., Gastroenterology Fellowship, Brown Medical School, Rhode Island Hospital, Providence, RI
David S. Fefferman, M.D., Gastroenterology Fellowship, Beth Israel/Deaconess Hospital, Boston, MA
Paari Gopalakrishnan, M.D., Hospitalist Position, The Miriam Hospital, Providence, RI
Mark C. Heckel, M.D., Cardiology Fellowship, Brown Medical School, Providence, RI
Meera Khedkar, M.D., Asthma Research, Stony Brook, Long Island, NY
Anna M. Kho, M.D., Academic Position, Grady Memorial Hospital, Emory University, Atlanta, GA
Eugene H. Kim, M.D., Nephrology Fellowship, Washington Hospital Center, Washington, DC
Sue Kim, M.D., Fellowship, Stanford University, Stanford California, Stanford, California
Aslam Lateef, M.D., Allergy & Immunology Fellowship, Thomas Jefferson Univ., Al Dupont Hosp. for Children, Phil., PA
Waymon C. Lattimore, M.D., Gastroenterology Fellowship, Brown Medical School, Providence, RI
Charles J. Lee, M.D., Pulmonary/Critical Care Fellowship, Brown Medical School, Rhode Island Hospital, Providence, RI
Jonah M. Licht, M.D., Nephrology Fellowship, Cornell Medical School, NY, NY
David J. Liss, M.D., Pulmonary-Critical Care Fellowship, Yale University School of Medicine, New Haven, CT
Rocco Martino, M.D., Sports Medicine Fellowship, Jersey Shore Hospital, Neptune, NJ
Linda B. McMorrow, M.D., Hematology/Oncology Fellowship, Brown Medical School, Rhode Island Hosp., Providence, RI
Michelle J. O’Brien, M.D., Group Practice, Emory medical Associates, Atleboro, MA
Eric B. Radler, M.D., Research Position in Cardiology, Rhode Island Hospital, Providence, RI
Ramya Ramakrishnan, M.D., Locum Tenens (2002-03); Nephrology Fellowship, New York University, NY, NY
Jennifer S. Roh, M.D., Chief Medical Resident, Internal Medicine Resid. Programs, Brown Medical School, Providence, RI
Anthony M. Santilli, M.D., Hosp. Position, Albany, NY
Peter F. Sholler, M.D., Internal Medicine Group Practice, Anchor Medical Associates, Providence, RI
Andrew C. Stone, M.D., Chief Medical Resident, Internal Medicine Resid. Programs, Brown Medical School, Providence, RI

Medicine-Pediatrics Residents
Deborah J. Ganem, M.D., Med/Peds Practice, Nashua, NH
Suzanne McLaughlin, M.D., RWJ Clinical Scholars Fellowship, Johns Hopkins Univ., Baltimore, M.D.
Michael K. Mraz, M.D., Indian Health Service, Norton Sound Health Corp., Nome, Alaska
Ivelisse A. Verrico, M.D., Academic Med/Peds Practice, St. Louis University, St. Louis, MO

RHODE ISLAND HOSPITAL AND THE MIRIAM HOSPITAL
GRADUATE CAREER PLANS 2003

Chief Medical Residents
Virginia Barrow, M.D., Private Practice-Anchor Medical Associates, Lincoln, RI
Curt Beckwith, M.D., Infectious Disease Fellowship, Brown Medical School-Providence, RI
Jennifer Roh, M.D., Hospital Practice: RI Hospital, Div. of Gen. Internal Medicine, Brown Medical School, Providence, RI
Charles Tate, M.D., Cardiology Fellowship-Univ. of Colorado, Denver, Colorado
Andrew Stone, M.D., Pulmonary Diseases & Critical Care Medicine Fellowship, Brown Medical School, Providence, RI
General Internal Medicine Primary Care Residency
Amy Boyer, M.D., Hospitalist, Kent County Hospital, Warwick, Rhode Island
Irene Dejak, M.D., General Medical Practice at Univ.-based practice, University Hospitals of Cleveland, Case Western Reserve University, Cleveland, OH
Sharon Flynn, M.D., General Medical Practice Oregon Medical Group, Eugene, Oregon
Agnieszka Heith, M.D., General Medical, Lahey Clinic-Burlington, MA
Amy Huang, M.D., Private Practice, Concore Medical Group-New York, New York
Rebekah Kaplowitz, M.D., General Internal Medicine Fellowship, Harvard Medical School-Boston, MA
Aaron Maxwell, M.D., Chief Medical Resident, Internal Medicine Residency Programs-Brown Medical School-Providence, RI
Kristin Poshkus, M.D., II. Chief Medical Resident, Internal Med. Residency Programs Brown Medical School, Prov., RI
Dareen Siri, M.D., Allergy/Immunology Fellowship, Univ. of South Florida-All Children’s Hospital-St. Petersburg, Florida
Categorical Internal Medicine Residents

Arielle Adrien-Jean, M.D., Hospital Practice (Public Health), Lemuel Shattuck Hospital, Jamaica Plain, MA
Letitia Anderson, M.D., 2003-Primary Care Given Essex Int. Med, Vermont 2004-Cardiology Fellow., Univ. of Vermont
John Barnett, M.D., Medicine/Hematology/Oncology Fellowship, Brown Medical School, Providence, RI
David Bouchard, M.D., III. Chief Medical Resident, Internal Medicine Residency Programs, Brown Medical School, Providence, RI; 2004, Hematology-Oncology Fellowship, Brown Medical School
Eric Bouchard, M.D., General Medical Practice, North Ridge Medical Center, Ft. Lauderdale, FL
Kent Chen, M.D., Cardiovascular Disease Fellowship, University of Washington Program, Seattle, WA
Michael Cohen-Uram, M.D., Internal Medicine Impatient Services Hospitalist, Rhode Island Hospital, Providence, RI
Robert Denshaw, M.D., 2003 Internal Medicine Impatient Services Hospitalist; 2004 Nephrology Fellowship, University of Pittsburgh, Pittsburgh, PA
Patrick Hyatt, M.D., Gastroenterology Fellowship, Brown Medical School, Providence, RI
Nikhil Iyengar, M.D., 2003 Hospitalist Position, Charlton Hospital, New Bedford, MA
Mirosława Jablonski-Cohen, M.D., IV. Chief Medical Resident, Internal Med. Resid. Prog., Brown Medical School, Providence, RI
Charles Katopes, M.D., Hepatology Fellowship, Thomas Jefferson Medical College, Thomas Jefferson Hospital, Phil., PA; 2004, Gastroenterology Fellowship, University of Wisconsin
Jonathan Koff, M.D., Pulmonary Diseases & Critical Care Medicine Fellowship, University of California, San Francisco, CA
Tsao-Yu Liang, M.D., Endocrinology & Metabolism Fellowship, Brown Medical School, Rhode Island Hospital, Providence, RI
Carol Mallete, M.D., Gastroenterology Fellowship, Brown Medical School, Providence, RI
Michael McKenna, M.D., 2003 Pulmonary Diseases & Critical Care Med. Fellowship, Brown Medical School, Providence, RI
Adam Niedelman, M.D., Cardiovascular Diseases Fellowship, Brown Medical School, Providence, RI
Ursula Reusch, M.D., Hematology-Oncology Fellowship, Boston University, Boston, MA
Gretchen Schueckler, M.D., General Medicine Practice - Medicine Associates, Providence, RI
Linda Shipton, M.D., 2003 Group Practice-Lowell Community Health Center Lowell MA 2004 Infectious Disease Fellowship, Beth Israel Deaconess Medical Center, Boston, MA
Jean Siddall-Bensson, M.D., Group Practice-Sturdy Memorial Hospital, Attleboro, MA
John Snyder, M.D., V. Chief Medical Resident Internal Medicine Residency Programs, Brown Medical School, Providence, RI
Sarah Taylor, M.D., Primary Care Practice-Medical Specialists, Chelmsford, MA
Binh Truong, M.D., Group Practice - Associates in Internal Medicine (A Lee Physicians Group), Fort Myers, Florida

Medicine-Pediatrics Residents

Mark Niehaus, M.D., Group Practice: General Internal Medicine and Pediatrics, Palmyra Family and Internal Medicine Hospital, Palmyra, Virginia
Stephanie Knabe, M.D., Medicine/Pediatrics Hospital-Based Faculty, Children's Hospital of Philadelphia, University of Pennsylvania
Internal Medicine Residents
Hani Abdallah, M.D., Fellowship in Clinical Epidemiology at Mass General Hospital
Ahmad Al-Mubaslat, M.D., Chief Resident at Forum Health, North Side Medical Center in Youngstown, Ohio Endocrine Fellowship at Phoenix VA Medical Center in Phoenix, AZ
Ahmad Al-Raqqad, M.D., Co-chief Resident at Memorial Hospital through 12/31/02
Bharti Chauhan, M.D., Hematology/Oncology Fellowship, Brown Medical School
Kala Davis, M.D., Pulmonary Fellowship at Stanford
Hussam Hamdalla, M.D., Cardiology Fellowship at the University of Kentucky in Lexington, KY.
Maen Husseine, M.D., Hematology/Oncology Fellowship at St. Louis University in St. Louis, MO.
Rosario Manalo, M.D., Infectious Disease Fellowship, Brown Medical School
J. Anthony Murat, M.D., Primary Care group practice in Sarisota, Florida.
Brian Pickett, M.D., Primary Care Private Practice in Cranston, RI
Randy Sid, M.D., Chief Resident, Memorial Hospital
Sowmya Suryanarayanan, M.D., Endocrinology Fellowship at University of Michigan

Categorical Internal Medicine Residents
Syed Quadri, Critical Care Fellowship, Brown Univ. Medical School
Marwan Mustaklem, Primary Care medical practice Armistice Blvd., Pawtucket, RI
Kanan Maniar, Physician for the Fashion Institute of New York; Rheumatology Fellowship in 2004
Levis Guzman, Critical Care Fellowship, Brown University
Nik Karanth, Gastroenterology Fellowship, Albany Medical School
Victor Kwok, Geriatrics Fellowship, University of Hawaii
Love Dalal, Co-chief Resident, Primary Care Internal Medicine Residency, MHRI
Ralph Santoro, Pulmonary Fellowship, Univ. of Massachusetts

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<tr>
<th>Subspecialty Fellow</th>
<th>GIM Fellow</th>
<th>GIM Private Practice</th>
<th>GIM Hospital Practice</th>
<th>GIM/Public Health</th>
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Rhode Island Hospital and the Miriam Hospital
Residency Graduate Career Choices
Academic Years 2001 and 2002

46%
18%
13%
2%
20%
## RHODE ISLAND HOSPITAL AND THE MIRIAM HOSPITAL

### GENERAL INTERNAL MEDICINE – CURRENT RESIDENTS 2003-2004

#### PGY-1 General Internal Medicine
- Srividya Anandan, M.D. (Tufts University)
- Julie Bard, M.D. (University of Vermont)
- Thomas Doyle, M.D. (Brown Medical School)
- Lakshmi Gopal, M.D. (University of Florida)
- Luke Hansen, M.D. (Loyola University)
- Sumana Kesh, M.D. (Drexel University)
- Mara Linscott, M.D. (SUNY Buffalo)
- Alisa Merolli, M.D. (Drexel University)
- Nora Taylor, M.D. (Eastern Virginia Med. Sch.)
- Zolfa Valiani-Merchant, M.D. (University of Texas)

#### PGY-2 General Internal Medicine
- Laurel Bliss, M.D. (Tulane Univ.)
- Elisa Freeman, M.D. (Univ. of Massachusetts)
- Allison Friedenberg, M.D. (Univ. of Wisconsin)
- Tara Lagu, M.D. (Yale Univ.)
- Catherine Malone, M.D. (Univ. of Rochester)
- Donnah Matthews, M.D. (Geo. Washington Univ.)
- Bismruta Misra, M.D.* (Howard Univ.)
- Sheri Qi, M.D. (Univ. of Pennsylvania)
- Megan Tamburini, M.D. (SUNY Upstate)
- Traci Tupper, M.D. (Temple Univ.)

#### PGY-3 General Internal Medicine
- Anikke M. Cengel, M.D. (Tulane Univ.)
- Kathryn DeAnzeris, M.D. (Univ. of Massachusetts)
- Michele S. Goh, M.D. (Univ. of Alberta)
- Mary H. Hohenhausen, M.D. (Univ. of Pittsburgh)
- Lori G. Lieberman, M.D. (MCP Hahnemann)
- Mercedes Murphy, M.D. (Univ. of Miami)
- Philip C. Russell, M.D. (MCP Hahnemann)
- Elizabeth A. Tillman, M.D. (MCP Hahnemann)
- Lorna B. Weinheimer, M.D. (Mt. Sinai)
- Joseph M. Wiener, M.D. (New York Univ.)
- Edward H. Wu, M.D. (New York Univ.)

### CATEGORICAL INTERNAL MEDICINE – CURRENT RESIDENTS 2003-2004

#### PGY-1 Categorical
- George Bayliss, M.D. (Brown Medical School)
- Mathew Buchalter, M.D. (NY Medical College)
- Megan Callahan, M.D. (Tufts University)
- Bradley Collins, M.D. (Penn State)
- Susan Eckert, M.D. (Albany Medical College)
- Robert El-Kareh, M.D.* (Dartmouth Medical School)
- Anthony Febles, M.D.* (Tulane University)
- Scott Ferreira, M.D. (SUNY Buffalo)
- Andrew Freeman, M.D. (New York Medical College)
- Mita Gupta, M.D. (Brown Medical School)
- Rebecca Hirsh, M.D. (Brown Medical School)
- Joseph Hou, M.D.* (University of Florida)
- Christopher Hurt, M.D. (Brown Medical School)
- Lisa Kallenbach, M.D. (SUNY Stony Brook)
- Corey Karlin, M.D. (University of Maryland)
- Olga Lurye, M.D. (University of Rochester)
- Douglas Martin, M.D. (University of Connecticut)
- Mitchell McClure, M.D. (University of Missouri)
- Erin McGeeeney, M.D. (Temple University)
- Anil Nahba, M.D. (University of Vermont)
- Eric Newton, M.D. (UMDNJ - Robert Wood Johnson)
- Brian Phillips, M.D. (UMDNJ-RWJ)
- Angela Plette, M.D. (University of Massachusetts)

#### PGY-2 Categorical
- Jessica Salt, M.D. (Virginia Commonwealth U.)
- Gabriel Sica, M.D. (Mayo Medical School)
- Yon Sung, M.D. (University of Pittsburgh)
- Corey Ventetuolo, M.D. (Tufts University)
- Michael Via, M.D. (NY Medical School)
- Paige Wickner, M.D. (Dartmouth Medical School)
- James Yess, M.D. (Loyola University)
- Patricia Zappa, M.D. (Wayne State University)

#### PGY-3 Categorical
- Khaled Abdel-Kader, M.D. (UMDNJ-RWJ)
- Renee Amori, M.D. (MCP Hahnemann)
- Elliott Anderson, M.D. (Albany Medical College)
- Christina Baik, M.D. (Univ. of Rochester)
- John Brennan, M.D. (Tufts University)
- Alison Comite, M.D. (New York Medical Center)
- Beth Fisher, M.D. (Jefferson Medical College)
- Soniya Gandhi, M.D. (Jefferson Medical College)
- Ellen Hartmann, M.D. (Pennsylvania State)
- Robert Holland, M.D. (Pennsylvania State)
- Sujani Kakumanu MD (University of Buffalo)
- Christine Kerr, M.D. (Brown Medical School)
- Emmy Mahoney, M.D. (New York Medical College)
- John Mascarenhas, M.D. (New York Medical College)
## Categorical Internal Medicine – Current Residents 2003-2004

### PGY-2 Categorical (continued)
- Tarun Mathur, M.D.
- Jeffrey Mazer, M.D.
- Cara McLaughlin, M.D.
- Cathryn McNamara, M.D.
- Stephan Muhlebach, M.D.
- Richard Regnante, M.D.
- Anna Rudnicki, M.D.
- Daniel Selo, M.D.
- Anisa Shaker, M.D.
- Shivani Sood, M.D.
- Sejal Thaker, M.D.
- Raymond Tsao, M.D.
- Barton Wise, M.D.
- Benjamin J. Conway, M.D.
- Sarah Leleiko Cutrona, M.D.
- Gregg S. Gagliardi, M.D.
- Michael W. Ham, M.D.
- Thomas Isaac, M.D.
- Amit A. Johnsingh, M.D.
- Robert J. Ludwig, M.D.
- Paul B. Martin, M.D.
- Jennifer D. Moodie, M.D.
- Elvis R. Pagan, M.D.
- Reina D. Pai, M.D.
- Michael A. Papper, M.D.
- Randall S. Pellish, M.D.
- Michael B. Polsky, M.D.
- Tara Rajan, M.D.
- Usman C. Ramzan, M.D.
- Miguel A. Rodriguez, M.D.
- Matthew J. Solitro, M.D.
- Katherine A. Thornton, M.D.
- Ana C. Tuya, M.D.
- Sabrina M. Witherby, M.D.

### PGY-3 Categorical
- Kamel Addo, M.D.
- Trimble S. Augur, M.D.
- Carrie M. Burns, M.D.
- Venu Channamsetty, M.D.
- Amy K. Chi, M.D.
- Sooyun Chun, M.D.
- Amy Churchill, M.D.
- Dartmouth & Brown
- Univ. of Vermont
- UMDNJ-RWJ
- Albany Medical College
- Johns Hopkins
- Cornell Univ.
- Uconn
- Saint Louis University
- Medical College of Georgia
- Georgetown University
- Georgetown University
- Michigan State University
- Geo Washington Univ.
- VCU/VCV
- MCP MCV
- SUNY Brooklyn
- MCP Hahnemann
- Univ. of Pennsylvania
- Mt. Sinai
- Brown Medical School

## Preliminary Internal Medicine

### Current Residents – 2003-2004

### PGY-1 Preliminary
- Craig Burkhard, M.D.
- Karen Chan, M.D.
- David DeVries, M.D.
- Amanda Diamond, M.D.
- Bruce Fuller, M.D.
- Karin Johnson, M.D.
- Prabhav Kenkre, M.D.
- Jason McBean, M.D.
- David Morgenroth, M.D.
- David Poch, M.D.
- Erica Szabados, M.D.
- Medical College of Ohio
- SUNY Buffalo
- University of N Carolina
- University of N Dakota
- Dartmouth Medical College
- University of Chicago
- University of New Mexico
- Brown Medical School
- Brown Medical School
- George Washington Univ.
- Saint Louis University
- Medical College of Georgia
- Georgetown University
- Georgetown University
- Michigan State University
- Albany Medical College

### PGY-2
- Erica Blood, M.D.
- Chadwick Johr, M.D.
- Kristin Lehr, M.D.
- Jocelyn P. Beattie, M.D.
- Joanna D. Bell, M.D.
- Loida Bonney, M.D.
- Anitha S. John, M.D.
- Blayne H. Cutler, M.D.
- Isaac P. Dapkins, M.D.
- Jeffrey Merkle, M.D.
- Joel T. Park, M.D.
- VCU/VCV
- MCP MCV
- SUNY Brooklyn
- MCP Hahnemann
- Univ. of Pennsylvania
- Mt. Sinai
- Brown Medical School
## MEMORIAL HOSPITAL OF RHODE ISLAND
### CURRENT RESIDENTS – 2003-2004

### PGY-1
<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
</tr>
</thead>
<tbody>
<tr>
<td>Christina Anderlind, M.D.</td>
<td>Humboldt-Universitat Berlin, Germany</td>
</tr>
<tr>
<td>Anjali Basil, M.D.</td>
<td>Indira Gandhi Medical College, Shimla India</td>
</tr>
<tr>
<td>Manuel Cunanan, M.D.</td>
<td>5th Pathway Prog.–N.Y. Med. Coll./Universidad Autonoma de Guadalajara, Mexico</td>
</tr>
<tr>
<td>Mina Guico, M.D.</td>
<td>Univ. of Santo Tomas Espana, Manila, Philippines</td>
</tr>
<tr>
<td>Jose Felix, M.D.</td>
<td>Huerta National Autonomous University, Mexico</td>
</tr>
<tr>
<td>Majd Jwied, M.D.</td>
<td>University of Jordan in Amman, Jordan</td>
</tr>
<tr>
<td>Mutaz Labib, M.D.</td>
<td>Dokuz Eylul University, Turkey</td>
</tr>
<tr>
<td>Raissa Paredes, M.D.</td>
<td>University of The East, Philippines</td>
</tr>
<tr>
<td>Eleni Patrozou, M.D.</td>
<td>University of Athens, Greece</td>
</tr>
<tr>
<td>Kevin Price, M.D.</td>
<td>Philadelphia College of Osteopathic Medicine</td>
</tr>
<tr>
<td>Richard Ruffin, M.D.</td>
<td>The University of the West Indies, Jamaica</td>
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### PGY-2
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Ahmad Abu-Halimah, M.D.</td>
<td>Ain Shams University, Egypt</td>
</tr>
<tr>
<td>Joanne Castro, M.D.</td>
<td>New York Medical College, USA</td>
</tr>
<tr>
<td>Jonathan Costa, D.O.</td>
<td>Un. N. Texas Health Science Center, College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>Michelle Costa, D.O.</td>
<td>Un. N. Texas Health Science Center, College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>Geraldina Kica, D.O.</td>
<td>New England College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>Hemchand Ramberan, M.D.</td>
<td>University of Guyana, South America</td>
</tr>
<tr>
<td>Rameshwar Reddy, M.D.</td>
<td>Saba Univ., Netherlands, Antilles</td>
</tr>
<tr>
<td>Kurush Setna, M.D.</td>
<td>Dow Medical College, Pakistan</td>
</tr>
<tr>
<td>Sally Stipho, M.D.</td>
<td>University of Nottingham, England</td>
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### PGY-3
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Irfan Ahmad, M.D.</td>
<td>Allama Iqbal Medical College, Pakistan</td>
</tr>
<tr>
<td>Rahul Ahuja, M.D.</td>
<td>Ross University, Dominica</td>
</tr>
<tr>
<td>Kristine Cuniff, D.O.</td>
<td>New England College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>Teresa Daniele, M.D.</td>
<td>Ross University, Dominica</td>
</tr>
<tr>
<td>Michael DiBari, M.D.</td>
<td>Saba University, Netherlands, Antilles</td>
</tr>
<tr>
<td>Chuck Huang, M.D.</td>
<td>St. Georges University, Grenada</td>
</tr>
<tr>
<td>Mridula Menon, M.D.</td>
<td>Med. College Kottayan, India</td>
</tr>
<tr>
<td>Ami Muehlberg, D.O.</td>
<td>New England College of Osteopathic Medicine, USA</td>
</tr>
<tr>
<td>Iole Ribizzi-Akhtar, M.D.</td>
<td>University Di Genova, Italy</td>
</tr>
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</table>

### Chief Resident
<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
</tr>
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<tbody>
<tr>
<td>Jodi Sebastian, M.D.</td>
<td>Loyola University Stritch School of Medicine</td>
</tr>
<tr>
<td>Love Dalal, M.D. (Co-Chief)</td>
<td>Gujarat University, Ahmedabad, India</td>
</tr>
</tbody>
</table>
### SELECTED PUBLICATIONS

**Michele Cyr, M.D.**

**Mark Fagan, M.D.**
- Griffith R, Fagan MJ, Obbard L, O’Connor C. Can an Evidence-Based Approach Resuscitate Medical Students’ Skill in Physical Diagnosis? Accepted for publication *JGIM*, March, 2003

**Peter Friedmann, M.D., MPH**

**Kelly McGarry, M.D.**
Roy Poses, M.D.

Susan Ramsey, PhD

Michael Stein, M.D.

Dominick Tammaro, M.D.
• Tammaro D, McGarry KM, Cyr MG. The Role of the Primary Care Physician in the Care of Women with Hip Fractures. Clinical Journal of Women’s Health. 2002; 2(2):65-78
**Clinical Research**

**Jennifer Clarke, M.D.,**
- Women Leaving Prison: Two Models of Family Planning Service Delivery, Department of Health and Human Services
- Women in Prison: Decreasing Unplanned Pregnancies & STDs, NIH/National Institute for Child Health and Development

**Mark Fagan, M.D.,**
- Primary Care Anxiety Project, Brown University
- The Principal Activity Counseling Trial in Primary Care, Boston University
- Communication Skills for Male Cancer Screening, Brown University

**Peter Friedmann, M.D.,**
- Linkages to Primary Care in Drug Abuse Treatment Programs, NIH/National Institute on Drug Abuse
- Primary Care Relapse After Addiction Treatment, Robert Wood Johnson Foundation
- Trazodone for Sleep Disturbance in Early Alcohol Recovery, NIH/National Institute on Alcohol Abuse and Alcoholism
- Linkage to Health Services in Drug Abuse Treatment, NIH/National Institute on Drug Abuse
- Continuity of Care for Drug-Addicted Offenders in RI, NIH/National Institute on Drug Abuse

**Aruna Gogineni, Ph.D.,**
- Brief Alcohol Intervention Using Social Network Support, NIH/National Institute on Alcohol Abuse and Alcoholism
- Effect of Alcoholic Parental Gender on Female Alcoholism, NIH/National Institute of Alcohol Abuse and Alcoholism

**Kelly McGarry, M.D.,**

**Anne Moulton, M.D.,**
- Faculty Development in General Internal Medicine, Bureau of Health Professions, HRSA

**Cynthia Rosengard, Ph.D.,**
- Partner-Specific Factors in Adolescent Sexual Behavior, NIH/National Institute of Mental Health

**Mark Schleinitz, M.D.,**
- Birch Scholarship Award, NIH/Women and Infants Hospital

**Michael Stein, M.D.,**
- A Multi, Double-Blind, Randomized Pilot Study to Compare the Safety and Activity, Miriam Hospital
- A Ramdomized Phase IIIB Comparison Study to Evaluate Saquinavir Soft Gel Capsule (SGC) TID Regimen in Combination with Two NRTIs Versus Saquinavir Soft Gel Capsule., Roger Williams
- Grepafloxacin vs Azithromycin in the Treatment of Acute Bronchitis for HIV Infected Persons, Glaxo

**Kelly McGarry, M.D.,**
- HIV Prevention for High Risk Substance Abuse Identified at Rhode Island Hospital and Engagement and Assistance Approach, Marathon
- Smoking Cessation Among Methadone-Maintained Patients, NIH/National Cancer Institute
- Motivation and Patch Treatment for HIV-Positive Smokers, Miriam Hospital
- Antidepressant Treatment to Reduce HIV Risk Among IDUs, NIH/National Institute of Mental Health
- Prospective, Uncontrolled, Open-Label Multicenter Clinical Trial Evaluating the Efficacy and Safety, Bayer Corporation
- Midcareer Investigator Award in Substance Abuse Research, NIH/National Institute on Drug Abuse

**Dominick Tammaro, M.D.,**
- Residency Training in General Internal Medicine/Pediatrics, Bureau of Health Professions, HRSA
- Rhode Island Hospital Medicine/Pediatrics Residency, Health Resources & Services Administration

### Direct Indirect Total

<table>
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<tr>
<th>Direct</th>
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<tbody>
<tr>
<td>Total Clinical Research Expenses</td>
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<tr>
<td>Academic Year 2002</td>
<td>$2,443,573</td>
<td>$816,716</td>
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<tr>
<td>Academic Year 2003</td>
<td>$2,648,209</td>
<td>$941,338</td>
</tr>
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</table>
The past two years of the Division under Dr. Besdine’s leadership have been dynamic; although clinical and educational growth begun in 2000 have continued, major changes have occurred. Division faculty since Dr. Besdine’s arrival have grown from two full-time geriatricians in 2000 to 6, with the recruitment of Drs. Besdine, Burrill, Nanda and McNicoll (FT) and Dr. Teno (part time). One additional Nurse Practitioner, Robin Ferreira, was also recruited. In June of 2002, Dr. Burrill left for a new non-clinical position, and Nurse Ferreira left a few months later. In May of 2002, it was announced that Dr. Besdine had been appointed Interim Dean of Medicine and Biological Sciences at Brown University, and on July 1, 2002, he began serving, retaining leadership responsibilities for the Division and for the Center for Gerontology and Healthcare Research. This year, Dr. John Murphy, Professor of Family Medicine and a national leader in aging, has been recruited (begins 7/03) as Associate Division Director, and David Dosa, M.D., MPH, has been recruited as Assistant Professor of Medicine. A geriatric medicine fellowship program was developed and implemented; full accreditation was granted 6/02, and three fellows have successfully completed their first year of fellowship. Clinical sites for training include RIH, TMH, Memorial and Butler Hospitals, Steere House Nursing Home, CareLink, Hospice Care of RI, East Avenue geriatrics primary ambulatory care clinic, and multiple sites of ambulatory specialty care. Newly established clinical programs in geriatrics include ambulatory primary and consultative care at the East Avenue office, in-patient primary and consultative care at RIH and TMH, and a physician-led home care program. A pilot in-patient program to enhance geriatrics care was begun on one nursing unit at TMH in the fall of 2002, under Dr. McNicoll’s leadership; 6-month outcome data are very positive, and plans are underway for dissemination hospital-wide. The division continues to participate in other quality improvement initiatives at TMH and RIH to improve quality of care for older hospitalized patients. The Division’s nursing home practice has doubled, and major enhancement of care at Providence Housing Authority sites has been achieved.

Research productivity of the Division has been concentrated in the Center for Gerontology and Healthcare Research (primarily health services research), one of the Public Health-related research centers at Brown. Research activities of Drs. Besdine, Gifford and Teno occur in the setting of the Center; its productivity has increased substantially over the past two years in spite of no new faculty additions since 2000. Its 13 full-time faculty hold more than 40 active grants, funding is more than $5 million, and publications 7/00-6/02 number nearly 200 (unduplicated >125). The competitive renewal application for the federally funded post-doctoral research fellowship training grant in aging and healthcare services was successful, bringing in $300,000/year for 5 years; in addition, a 5th fellow slot was awarded to the program in a funding cycle that resulted in reduction of slots for many competing programs. The Gerontology Center collaborated with
National and International Honors and Recognition of Faculty

Richard W. Besdine, M.D.
- Greer Professor of Geriatric Medicine, Brown Medical School
- Interim Dean of Medicine and Biological Sciences, Brown University
- Member, Board of Directors and Executive Committee of the Board, American Geriatrics Society
- Secretary, American Geriatrics Society 2001-02
- President-Elect, American Geriatrics Society 2002-03
- President, American Geriatrics Society, 2003-04
- Member, Board of Directors, American Federation for Aging Research
- Chief Scientific and Clinical Officer, Quality Partners of Rhode Island
- Member, Board of Trustees, Education and Research Foundation, American Society of Consulting Pharmacists
- Invited Speaker, “Preventative Services for Medicare Beneficiaries”, 2 Medical Grand Rounds
- Plenary Speaker, NHLBI National Conference on Cardiovascular Prevention
- Speaker, “Geriatric Assessment”, The Miriam Hospital Residents Noon Conference
- Speaker, “History & Physical Examination of the Elderly Patient”, The Miriam Hospital Residents Noon Conference
- Top Doc Award, Geriatrics, Rhode Island Monthly Magazine 2002, 03

Professor Tatar of Ecology and Evolutionary Biology on submission of a large NIH Center Grant (PO1) to study biological aging in non-human primates; the site visit was positive and the resubmission in October has a strong probability of funding.

Faculty Members

Full-time Faculty
(Hospital and Foundation Based)

Richard W. Besdine, M.D., Director, Professor of Medicine, RST, Rhode Island Hospital, University Medicine Foundation
James D. Burrill, M.D., Clinical Assistant Professor of Medicine, Miriam Hospital, University Medicine Foundation
David R. Gifford, M.D., M.P.H., Assistant Professor of Medicine, Rhode Island Hospital, University Medicine Foundation
Lynn McNicoll, M.D., Assistant Professor of Medicine, Rhode Island Hospital, University Medicine Foundation
Aman Nanda, M.D., Assistant Professor of Medicine, Rhode Island Hospital, University Medicine Foundation
Tom J. Wachtel, M.D., Professor of Medicine, Rhode Island Hospital, University Medicine Foundation

Volunteer Faculty

Marvin Kerzner, M.D., Clinical Assistant Professor, Miriam Hospital
Henry Izeman, M.D., Clinical Associate Professor of Medicine, Miriam Hospital
Janet Manes, M.D., Clinical Instructor, Memorial Hospital of RI

Faculty Transitions

Departing Faculty

James Burrill, M.D., Clinical Assistant Professor

New Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Faculty Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aman Nanda, M.D.</td>
<td>Fellow, Yale-New Haven Hospital,</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td></td>
<td>Yale School of Medicine</td>
<td></td>
</tr>
<tr>
<td>Lynn McNicoll, M.D.</td>
<td>Fellow, Yale-New Haven Hospital,</td>
<td>Assistant Professor</td>
</tr>
<tr>
<td></td>
<td>Yale School of Medicine</td>
<td></td>
</tr>
</tbody>
</table>
James D. Burrill, M.D.
• President, Rhode Island Medical Directors Association, Rhode Island Chapter of the American Medical Directors Association (AMDA)
• Executive Council Member, American College of Physicians: Rhode Island Chapter
• Member, Pharmacy & Therapeutics Committee, Lifespan Academic Medical Centers, Inc.
• Member, Blue Cross/Blue Shield of Rhode Island Medicare Advisory Committee, Providence, Rhode Island
• Member, Blue ChiP of Rhode Island Credentials Committee, Providence, Rhode Island
• Top Doc Award, Geriatrics, *Rhode Island Monthly Magazine*
Invited Presentations:
• CPT Coding & Documentation for Long Term Care, for the Rhode Island Chapter of the American Medical Directors Association, Providence, Rhode Island
• Diagnosis & Treatment of Alzheimer’s Disease, multiple state-wide presentations, sponsored by Novartis, Pfizer, and Janssen Pharmaceutical companies
• Collaborative Initiatives with State Survey Agencies, ADA Annual Meeting, San Diego, California
• Quality Improvement, How to Involve Medical Directors & Physicians, CareLink Board presentation, Providence, Rhode Island

David R. Gifford, M.D.
• Finalist, AMDA Foundation/Pfizer 2001 Quality Improvement Award, Quality Improvement in Long Term Care

Aman Nanda, M.D.
Invited Presentations:
• RIH noon conference – ‘Comprehensive Geriatric Assessment’ July 2003
• Grand Rounds at RIH/TMH- ‘Chronic Dizziness in Older Persons’ July 2003
• TMH noon conference - ‘Comprehensive Geriatric Assessment’ June 2003
• Speaker, Geriatric Fundamental series – ‘Chronic Dizziness in Older Persons’ July 2002
• Speaker, Core Curriculum for OB/GYN residents ‘Preoperative Assessment of the Aging Patient’, Women & Infants’ Hospital, Providence, Rhode Island
• Speaker, Geriatric Fundamental series – ‘Preoperative Assessment of Aging Patient’ Aug 2002
• ‘Association among Depressive Symptoms, Antidepressant and Dizziness in Older Persons’, Annual Conference of the Gerontological Society of America, Chicago, IL

Tom J. Wachtel, M.D.
• Chairman, Community Health Scientific Meetings Committee, Brown University
• Chairman, Longitudinal Outpatient Program Subcommittee, Brown University
• Member, Resident Ranking for Matching Program (NRMP), Rhode Island Hospital
• Member, Quality Assurance Committee, Rhode Island Hospital
• Member, Core Clerkship Committee

Medical Journal Reviewer:
• American Journal of Medicine
• Annals of Internal Medicine
• Journal of General Internal Medicine
• Journal of the American Geriatric Society
• Journal of the American Medical Association
• New England Journal of Medicine

Lynn McNicoll, M.D., F.R.C.P.C.

Medical Journal Reviewer:
• Journal of the American Geriatric Society

Invited Presentations:
• TMH noon conference “Comprehensive Geriatric Assessment” July 2002
• Rhode Island Quality Partners “Delirium in Nursing Home Residents” March and June 2003
• RIH Grand Rounds “Update in Geriatrics: Delirium in Older Persons” July 2003
Research and Other Scholarly Activities

Faculty Members of Study Sections and Advisory Committees

Richard W. Besdine, M.D.
- Consultant to HCFA Administrator of Geriatrics
- Chief Scientific and clinical Officer, Rhode Island Quality Partners (PRO)
- Chair, Ad Hoc Review Panel, National Institute on Aging, Loan Repayment Program

TEACHING ACTIVITIES

TEACHING RESPONSIBILITIES

Richard W. Besdine, M.D.
- Program Director, Geriatric Medicine Fellowship Program, ACGME accreditation without comment 6/02
- Director, Geriatrics Fellowship Programs (Medicine, Psychiatry) Lecture Course 2002
- Field Experience Director, Geriatrics; Community Health Clerkship, Brown Medical Students
- Preceptor, Geriatrics Rotation for Internal Medicine Residents

James D. Burrill, M.D.
- Member, Fellowship Executive Committee, Brown Geriatric Medicine Fellowship Program, Brown University
- Faculty Member, Geriatrics Fellowship Lecture Series: Evaluation & Management of the Nursing Home Resident, Brown University
- Faculty Member, Geriatrics Fellowship Lecture Series: Pharmacokinetics & Pharmacodynamics in the Geriatric Patient, Brown University
- Community Health Clerkship, Brown Medical School
- Group Leader, Brown Medical School Affinity Group: Pathways I Medicine: Complimentary & Alternative Medicine

Aman Nanda, M.D.
- Preceptor, Community Health Clerkship, Brown Medical School
- Acting Program Director, Geriatric Medicine Fellowship Program since Nov. 2002
- Preceptor, Geriatric Rotation for Internal Medicine Residents at RIH

Tom J. Wachtel, M.D.
- Preceptor, Bio-Med Course 381, Community Health Clerkship, Brown University
- Preceptor, Seminars in Epidemiology, Community Health Clerkship, Brown University
- Course Director, Bio-Med Course 315F, "Ambulatory Longitudinal Clerkship", Brown University
- Director, Geriatric segment of Medicine Core Clerkship, Brown University
- Preceptor, Community-based Geriatric Practices and Home Care Program, Rhode Island Hospital
- Director and Preceptor, Required month-long geriatrics rotation for internal medicine residents, Rhode Island Hospital

Lynn McNicoll, M.D., F.R.C.P.C.
- Lecturer, Sexual Health Elective, Brown Medical School
- Faculty Member, Geriatrics Fellowship Lecture Series: Delirium in Hospitalized Older Persons Brown University
- Preceptor, Geriatrics Rotation for Internal Medicine Residents

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<table>
<thead>
<tr>
<th>GERIATRICS FELLOWSHIP PROGRAM</th>
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<tbody>
<tr>
<td><strong>Departing Fellows</strong></td>
</tr>
<tr>
<td>Steven LaFond, M.D.</td>
</tr>
<tr>
<td><strong>Current Fellows</strong></td>
</tr>
<tr>
<td>Steven LaFond, UCLA San Diego, CA, Family Medicine, UCLA San Diego, CA</td>
</tr>
<tr>
<td>Howard Nachamie, SUNY-Brooklyn, NY, IM, Lahey Clinic, Burlington MA</td>
</tr>
<tr>
<td>Rollin Wright, Albany Medical College, NY, IM (primary care, RIH) Brown U, Providence, RI</td>
</tr>
</tbody>
</table>
SELECTED PUBLICATIONS

Richard W. Besdine, M.D.
• Merck Manual of Geriatrics (3rd ed. [Editorial Board]). 2000, Merck, Rahway, NJ

James D. Burrill, M.D.

David R. Gifford, M.D.
• Angelilli J, Gifford DR, Intrator O, Goazlo P, Laliberte L, Mor V. Access to Post-Acute Home Care Before and After the BBA. Health Affairs 2002 September/October;21(5):254-264

Lynn McNicoll, M.D.

Aman Nanda, M.D.

Tom J. Wachtel, M.D.
<table>
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<tr>
<th></th>
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<td>Academic Year 2003</td>
<td>$1,265,417</td>
<td>$331,283</td>
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</table>

**CLINICAL RESEARCH**

**Richard Besdine, M.D.**
- LTYC Expert Advisory Panel, WV Medical Institute
- RIPQ Special Projects, RIQP Qualidigm, Qualidigm

**Robert Crausman, M.D.**
- Collaborative Program in Podogeriatrics, Health Resources & Services Administration

**Joan Teno, M.D.**
- Comparisons of the U.K. vs. U.S. Dying Experience, Commonwealth Fund
- Resident Assessment of Pain Management, Agency for Healthcare Research and Quality
- Development WWW Interface and Refinement of Toolkit, Robert Wood Johnson Foundation
Overview

The Brown University/Lifespan Hematology/Oncology group was formed when The Miriam Hospital Hematology/Oncology Division, the Rhode Island Hospital Division of Hematology and the Rhode Island Hospital Department of Medical Oncology merged in 1999. Our mission is to achieve academic excellence in basic research, clinical research and education, and to provide the highest quality of care to our patients.

The creation of a Comprehensive Cancer Center, which is a collaborative effort to provide coordinated and comprehensive care for cancer patients at three Lifespan hospitals (The Miriam Hospital, Rhode Island Hospital and Newport Hospital), has now become a reality. Both the patients and the staff appreciate the many benefits afforded by the new Comprehensive Cancer Center at The Miriam Hospital which opened in May 2002. Extensive renovations to the George Clinic at Rhode Island Hospital were completed as a temporary measure. The groundbreaking ceremony for the Comprehensive Cancer Center at Rhode Island Hospital was held on April 28, 2003 with an anticipated opening in February 2004.

A recent goal has been the establishment of multidisciplinary clinics for all the major malignancies. This conveniently allows the patient to receive the expertise of the surgeon, radiation oncologist and medical oncologist at the time of their first visit. Presently, upper GI and melanoma multidisciplinary clinics are up and running at Rhode Island Hospital. A thoracic multidisciplinary tumor board has been implemented at each hospital. Future multi-disciplinary clinics are being planned for head and neck cancer as well as breast cancer.

In the clinical arena, three of our physicians, Drs. Fred Schiffman, Anthony Mega, and Sundaresan Sambandam were included in the “Rhode Island Monthly” magazine’s list of “Top Docs.” Dr. Mega was also honored with the “Teacher of the Year 2001-2002” award by the Hematology/Oncology fellows.

Edward Wittels, M.D., Associate Professor of Medicine; Interim Director of Hematology-Oncology and Interim Director of The Medical Oncology Division

Our laboratory and clinical researchers distinguished themselves through national appointments as well as being awarded significant research grants.

A Center of Biomedical Research Excellence (COBRE) award of $8.2 million has established the Center for Cancer Research Development under the leadership of Dr. Douglas Hixson as Principal Investigator and Dr. Nancy Thompson as Deputy Director. The mission of the Center is to foster outstanding interactive, laboratory-based cancer research focused on the
Molecular and Cellular Pathogenesis of Cancer by mentoring promising junior investigators and establishing state of the art core facilities.

Dr. Douglas Hixson served as a member of the National Institute of Environmental Health Services (NIEHS) Study Section, Review of ToxicoGenomics Consortium Member Applications, 2001 and was the Chair and organizer of the 12th International CEA Symposium in Providence, RI. Dr. Hixson is on the Editorial Board for “Hepatology,” a member of the Program Committee for the American Society for Investigational Pathology and is Vice President and co-founder of ProThera Biologics in East Providence, RI. He received an RO1 grant funded by the National Institutes of Health for a project entitled “Genesis of Liver Carcinomas with Oval Cell Traits.”

Dr. Nancy Thompson is the Principal Investigator for a National Institutes of Health (NIH) RO1 Grant entitled “Expression and Role of TA1 Oncofetal Gene in Liver Cancer” and an American Institute for Cancer Research (AICR) Grant entitled “Amino Acid Regulated Gene Expression in Tumorigenesis.”

Dr. Alan Rosmarin chairs the American Cancer Society’s Leukemia, Immunology and Blood Cell Development Study Section and is a member of the National Cancer Institute Subcommittee C (Program Projects).

Dr. Deborah Brit is the Principal Investigator for two grants that were awarded – a Lifespan Developmental Grant entitled “Examination of Differential Expression of a Novel Protein, LYRIC, in Normal Rat Liver and Hepatocellular Carcinoma” and a grant from the U.S. Army Prostate Cancer Research Program entitled “Examination of a Novel Protein, LYRIC, and Its Involvement in Prostate Tumor Suppression Mediated by the Cell Adhesion Molecule CEACAM1-L.”

Dr. Yow-Pin Lim was awarded a Lifespan Developmental Grant for a project entitled “Granzyyme in Sepsis,” which will examine the role of lymphocyte serine proteases (granzymes) in inflammation and sepsis. He also received grants from The Slater Center for Biological Research and NIH/NIGMS (SBIR Phase I). Dr. Lim is the President and co-founder of ProThera Biologics, a start-up biotechnology company, in East Providence, Rhode Island. Dr. Loren Fast was awarded a Rhode Island Cancer Council Grant.

Dr. Howard Safran is the Principal Investigator for an RTOG-sponsored adjuvant pancreatic cancer trial, which is the largest adjuvant pancreatic trial ever performed in the United States. He also directs a Radiation Therapy Oncology Group (RTOG) trial for advanced pancreatic cancer. Dr. William Sikov served as a Principal Investigator for a national study...
in advanced breast cancer, which he presented at the American Society of Clinical Oncology (ASCO) meeting in May 2002. He also serves as a member of the Board of Directors of Cancer and Leukemia Group B (CALGB) and as the Principal Investigator representing Rhode Island. Dr. Anita Kestin is the Principal Investigator for the Prevention of Recurrent Venous Thromboembolism (PREVENT) study. The PREVENT trial evaluates the efficacy of prolonged treatment with low-dose warfarin in the secondary prevention of venous thromboembolism.

Dr. Gary Strauss was recently recruited to fill a fulltime faculty position in Hematology/Oncology at Rhode Island Hospital. Dr. Strauss received his M.D. from Yale University and M.P.H. from Harvard School of Public Health. While he is an experienced clinician in all aspects of Medical Oncology, he is particularly interested in breast and lung cancers. He is a nationally recognized researcher in lung cancer and has been in the forefront of the controversy regarding the efficacy of lung cancer screening. Dr. Strauss’s clinical expertise and research accomplishments make him an invaluable addition to the Division of Hematology/Oncology.

We are proud to report that five of our fellows were authors of abstracts at the American Society of Clinical Oncology (ASCO) meeting in May 2002. One of the fellows, Dr. Vanessa Johnson, received both a Merit Award and the Pain Merit Award, which was presented to the author who submitted the best abstract paper on the subject of pain management. Dr. Johnson was honored during the Opening Ceremony and was also featured in the ASCO daily newsletter.

The Cancer Program at Rhode Island Hospital as well as the Cancer Program at The Miriam Hospital were surveyed by the Commission on Cancer of the American College of Surgeons and both were awarded the maximum accreditation of three years.

Three members of The Miriam Hospital Cancer Control Committee who are actively involved in community activities are Marsha Weiss, RN, MS, Patricia Grossi, RN, BSN, OCN, and Kathleen Higginbotham, LICSW. Ms. Weiss is the Director of Lifespan Community Health Services, which coordinates community health education, screenings, outreach programs and follow-up for the Lifespan affiliates in Rhode Island. She also serves as the local Chair for the National Cancer Survivors Day planning group. Ms. Grossi is an Oncology Nurse Clinician at The Miriam Hospital and serves on the Board of Directors of The Leukemia and Lymphoma Society. Ms. Higginbotham, who is an Oncology Clinical Social Worker at The Miriam Hospital, also volunteers for The Leukemia and Lymphoma Society. Both Ms. Grossi and Ms. Higginbotham coordinate and participate in numerous activities such as National Cancer Survivors Day as well as various support and educational programs, some of which are held in conjunction with the American Cancer Society. They also have been invited to address PTA meetings about speaking to children about cancer and they have conducted tours of the treatment area for young children of cancer patients. Recently Pat Grossi has taken a job at another institution and we are in the process of hiring an equally accomplished and experienced oncology nurse to fill her position.

Faculty Members

FULL-TIME FACULTY
(Hospital and Foundation Based)

Edward Wittels, M.D., Director, Hematology/Oncology, Associate Professor, Miriam Hospital, University Medicine Foundation
Deborah Britt, Ph.D., Assistant Professor, Oncology, Rhode Island Hospital
James Butera, M.D., Clinical Assistant Professor, Hematology, Rhode Island Hospital, University Medicine Foundation
James Crowley, M.D., Professor, Hematology, Memorial Hospital
Loren Fast, Ph.D., Associate Professor, Hematology, Rhode Island Hospital
Mary Anne Fenton, M.D., Clinical Instructor, Hematology, Rhode Island Hospital, University Medicine Foundation
Michelle Haskell, Ph.D., Assistant Professor (Res.) Rhode Island Hospital
Douglas Hixson, Ph.D., Professor, Oncology, Rhode Island Hospital
Vanessa Johnson, M.D., Instructor (Research) Miriam Hospital
Anita Kestin, M.D., Clinical Assistant Professor, Hematology, Rhode Island Hospital, University Medicine Foundation
Yow Pin Lim, M.D., Ph.D., Assistant Professor, Oncology, Rhode Island Hospital
Leslie Lockridge, M.D., Assistant Professor, Memorial Hospital
Anthony Mega, M.D., Assistant Professor, Hematology, Miriam Hospital, University Medicine Foundation
Ahmed Nadeem, M.D., Assistant Professor, Memorial Hospital
Neal Ready, M.D., Assistant Professor, Oncology, Rhode Island Hospital, University Medicine Foundation
Alan Rosmarin, M.D., Associate Professor, Hematology/Oncology, Miriam Hospital, University Medicine Foundation
Howard Safran, M.D., Assistant Professor, Oncology, Miriam Hospital, University Medicine Foundation
Fred Schiffman, M.D., Professor, Hematology, Miriam Hospital, University Medicine Foundation
William Sikov, M.D., Clinical Assistant Professor, Oncology, Miriam Hospital, University Medicine Foundation
Gary Strauss, M.D., M.P.H., Brown faculty appointment pending, Rhode Island Hospital, University Medicine Foundation
Rochelle Strenger, M.D., Clinical Assistant Professor, Hematology, Miriam Hospital, University Medicine Foundation
Nancy Thompson, Ph.D., Professor, Oncology, Rhode Island Hospital

VOLUNTEER FACULTY
Kwang Ahn, M.D., Clinical Assistant Professor, Oncology, Roger Williams Medical Center
Joseph DiBenedetto, Jr., M.D., Clinical Assistant Professor, Hematology/Oncology, Rhode Island Hospital
Nancy Freeman, M.D., Clinical Associate Professor, Hematology, VA Medical Center
Linda Hassan, M.D., Clinical Assistant Professor, Memorial Hospital

Peter Hoffmann, M.D., Clinical Assistant Professor, Hematology, Miriam Hospital
Plakyil Joseph, M.D., Clinical Assistant Professor, Oncology, Roger Williams Medical Center
A. Sattar Memon, M.D., Clinical Associate Professor, Oncology, Memorial Hospital
Vishram Rege, M.D., Clinical Associate Professor, Oncology, Rhode Island Hospital
Peter Rintels, M.D., Clinical Assistant Professor, Hematology, Rhode Island Hospital
Sundaresan Sambandam, M.D., Clinical Assistant Professor, Oncology, Rhode Island Hospital
Anthony Testa, M.D., Clinical Instructor, Oncology, St. Joseph's Hospital
Kathy Theall, M.D., Clinical Instructor, Hematology/Oncology, Memorial Hospital
Anthony Thomas, D.O., Clinical Assistant Professor, Hematology, Rhode Island Hospital
Fred Vohr, M.D., Clinical Assistant Professor, Hematology/Oncology, Rhode Island Hospital
Francis Cummings, M.D., Adjunct Associate Professor, Oncology, Roger Williams Medical Center
A. Raymond Frackelton, Ph.D., Adjunct Associate Professor, Oncology, Roger Williams Medical Center
Seth Rudnick, M.D., Adjunct Associate Professor, Oncology, Rhode Island Hospital
Philip Schein, M.D., Adjunct Professor, Oncology, Rhode Island Hospital
Alan Weitberg, M.D., Adjunct Professor, Oncology, Roger Williams Medical Center

FACULTY TRANSITIONS

Departing Faculty
Thomas Myers, Clinical Associate Professor, Memorial Hospital
Peter Hoffmann, Clinical Assistant Professor, Miriam Hospital

New Faculty
James Butera, M.D., Clinical Assistant Professor, Rhode Island Hospital
Gary Strauss, M.D., MPH, Appointment pending, Rhode Island Hospital
Leslie Lockridge, M.D., Assistant Professor, Memorial Hospital
Ahmed Nadeem, M.D., Assistant Professor, Memorial Hospital
Vanessa Johnson, M.D., Instructor (Research) Miriam Hospital
Michelle Haskell, Ph.D., Assistant Professor (Res.) Rhode Island Hospital
National and International Honors and Recognition of Faculty

Loren Fast, PhD
Invited presentations:
- Two seminars at the Blood Center of the Pacific, San Francisco, CA

Mary Anne Fenton, M.D.
Invited presentation:
- “Pathophysiology of Breast, Cervical and Endometrial Cancers” at University of Rhode Island, Kingston, RI

Douglas Hixson, PhD
- Chair and organizer, 12th International CEA/PSG Symposium, Providence, RI; Consultant, Octapharma Therapeutics, Vienna, Austria
- Member, Editorial Board of “Hepatology”
- Member, Program Committee for American Society for Investigational Pathology
- Vice President, co-founder of Prothera Biologics, East Providence, RI
Invited presentations:
- “Hepatic Stem Cells, An Older and Wiser Alternative to Embryonic Stem Cells” at UTMDAH Cancer Center, Science Park Research Division, Smithville, TX
- “Stages in Hepatic Ductal Cell Development Defined by Surface Reactive Monoclonal Antibodies” at Albert Einstein College of Medicine, Bronx, NY “Hepatic Stem Cells of Ductal Origin” at Loyola University, New Orleans, LA

Anita Kestin, M.D.
Invited presentations:
- “Coagulation Disorders” at University of Rhode Island, Kingston, RI
- “Hematology Update: Hypercoagulable States” at Newport Hospital’s Grand Rounds, Newport, RI

Yow Pin Lim, M.D., PhD
Invited presentations:
- “Development of Monoclonal Antibody for Early Detection of Colon Cancer” at Biochemistry Seminar at the Free University, Berlin, Germany
- “Inter-alpha inhibitors in Sepsis and Cancer” at Institute for Immunology Zagreb and Dr. Josip Hospital, Zagreb, Croatia
- “Role of Protease Inhibitors in Neonatal Sepsis” at 28th Annual New England Conference on Perinatal Research, Chatham, MA

Anthony, Mega, M.D.
- “TopDoc” – Rhode Island Monthly Magazine
Invited presentations:
- “Communicating Options in Prostate Cancer” at Schwartz Center Rounds, Memorial Hospital of Rhode Island, Pawtucket, Rhode Island
- “High Risk Local Prostate Cancer – Can We Improve Outcome?” at Brown University Oncology Group Education Advisory Board, Edgartown, MA
- “From Herbs to Chemotherapy, Choices in the Management of the Patient with Androgen-Independent Prostate Cancer” at Caritas Good Samaritan Medical Center, Brockton, MA
- “Update on Prostate Cancer” at CRI Communications on The Rhode Island Health Update program, Providence, RI

Neal Ready, M.D., PhD
Invited presentation:
- Abstract/poster “Induction Weekly Paclitaxel and Carboplatin (IT) followed by concurrent Paclitaxel, Carboplatin and Radiotherapy (CRT) in Advanced Head and Neck Squamous Cell Cancers (HN-SCC)” at American Society of Clinical Oncology Meeting, Orlando Florida
Committee:
- Chairman, Thoracic Committee, Brown University Oncology Group
- Society: Member, Executive Committee, New England Cancer Society

Alan Rosmarin, M.D.
Invited presentations:
- “Myelodysplastic Syndromes: Contemporary Management and Novel Approaches” at Beth Israel Deaconess Medical Center, Boston, MA
- “CML: A Model Disease for Targeted Therapy” at Rhode Island Hospital Grand Rounds, Providence, RI
- “Current Approaches and Future Trends in Cancer Therapy” at Brown University Oncology Group (BrUOG) Seminar, Edgartown, MA
- “Myelodysplastic Syndromes: Contemporary Management and Novel Approaches” at Boston University Medical Center, Boston, MA
- “Workshop on Myeloid Development” at Annual Myeloid and Stem Cell Workshop, Philadelphia, PA
- “GABP (GA Binding Protein), Sp1 and p300 Physically and Functionally Interact to Regulate Myeloid Transcription of CD18 in Response to
Retinoic Acid” at Fifth International Meeting on Myeloid Stem Cell Development and Leukemia, Annapolis, Maryland.

- “GA Binding Protein (GABP) in the Regulation of Myeloid Gene Expression and Differentiation” at Chicago Department of Biochemistry and Molecular Biology at University of Illinois, Chicago, IL

Howard Safran, M.D.
Invited presentations:
- “Neoadjuvant Herceptin, Paclitaxel and Cisplatin and Radiation for Adenocarcinoma of the Esophagus” at the Eighth International Conference on Gastrointestinal Malignancies, Washington, D.C.
- “A phase II trial of Herceptin and Gemcitabine for Metastatic Pancreatic Cancers that Overexpress HER-2/neu” at ECCO in Lisbon, Portugal

Fred Schiffman, M.D.
- “Top Doc” – Rhode Island Monthly Magazine

William Sikov, M.D.
Invited presentations:
- “Multicenter, 3-arm randomized study of high-dose weekly paclitaxel versus standard-dose weekly paclitaxel for metastatic breast cancer” at American Society of Clinical Oncology (ASCO) annual meeting, Orlando, FL
- “Cancer Clinical Trials and Older Patients” at Combined Oncology/Geriatrics Symposium, Providence, RI
- “The Changing Face of Hormonal Therapy” at Oncology Grand Rounds, Dartmouth Hitchcock Medical Center, Hanover, NH

Gary Strauss, M.D., MPH
Invited presentations:
- “Island-Lake Model and Cancer: Implications for Randomization Failure in Randomized Population Trials” at Working Group in Quantitative Methods in Cancer: Harvard School of Public Health, Boston, MA
- “Should We Be Screening for Cancer?” at National Council of Jewish Women, Providence, RI
- “Cancer Screening is Effective and Cost-Effective: Pro” at American Association of Thoracic Surgery, Boston, MA
- “Smoking-related Adenocarcinoma of the Lung: Now the Most Common Cause of Cancer Death in the United States” at American Society of Clinical Oncology Annual Meeting, Chicago, IL

Rochelle Strenger, M.D.
- Co-recipient of the Rhode Island Medical Women’s Association’s “Woman Physician of the Year Award for 2001”

Nancy Thompson, PhD
Invited presentations:
- “Oncofetal and Amino Acid-Responsive hepatic LAT1/CD98 expression” at International Society of Differentiation Meeting, Lyon, France
- “Mentoring and Minority Recruiting in Pathobiology” at American Society for Investigative Pathology Graduate Program Director’s Workshop, San Diego, CA

Edward Wittels, M.D.
- Elected to faculty of the Alpha Omega Alpha Honor Medical Society, Brown Medical School
# Hematology/Oncology Fellowship Program

## Graduates 2002

<table>
<thead>
<tr>
<th>Fellow</th>
<th>Medical School</th>
<th>Residency Program</th>
<th>Post-fellowship Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanessa Johnson, M.D.</td>
<td>Cornell University Medical College, New York, NY</td>
<td>Brown General Internal Medicine, Rhode Island Hospital, Providence, RI</td>
<td>National Cancer Institute Post-doctoral R25 Training Grant, Providence, RI</td>
</tr>
<tr>
<td>Ahmed Nadeem, M.D.</td>
<td>King Edward Medical College Lahore, Pakistan</td>
<td>Yale University, Bridgeport Hospital, Bridgeport, CT</td>
<td>Full-time Staff, Memorial Hospital of Rhode Island, Pawtucket, RI</td>
</tr>
<tr>
<td>Nadia Ramdin, M.D.</td>
<td>UMDNJ – Robert Wood Johnson School of Medicine, NJ</td>
<td>Boston University, Roger Williams Medical Center, Providence, RI</td>
<td>Private practice of Hematology/Oncology, Ft. Lauderdale, FL</td>
</tr>
</tbody>
</table>

## Graduates 2003

<table>
<thead>
<tr>
<th>Fellow</th>
<th>Medical School</th>
<th>Residency Program</th>
<th>Post-fellowship Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maria Constantinou, M.D.</td>
<td>Ross University Portsmouth, Dominica</td>
<td>Yale University, Norwalk Hospital, Norwalk, CT</td>
<td>Private practice with Vincent Armenio, M.D., East Providence, RI</td>
</tr>
<tr>
<td>Wojciech Dolata, M.D.</td>
<td>Academy of Medicine, Poznan, Poland</td>
<td>Michigan State University, McLaren Regional Medical Center, Flint, MI</td>
<td>Practice in Canada</td>
</tr>
<tr>
<td>Humera Khurshid, M.D.</td>
<td>Aga Khan University Medical College, Karachi, Pakistan</td>
<td>University of Connecticut, John Dempsey Hospital, Farmington, CT</td>
<td>Private practice, University Medical Group, Warwick, RI</td>
</tr>
</tbody>
</table>

## 2001-2003

<table>
<thead>
<tr>
<th>Fellow</th>
<th>Medical School</th>
<th>Residency Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Debra Holik, M.D.</td>
<td>New York Medical College, Valhalla, NY</td>
<td>Brown Medical School, Internal Medicine – The Miriam &amp; Rhode Island Hospitals</td>
</tr>
<tr>
<td>Katrina Rolen, M.D.</td>
<td>St. Louis University School of Medicine, St. Louis, MO</td>
<td>St. Louis University Health Sciences Center, St. Louis, MO</td>
</tr>
<tr>
<td>Amanda Sun, M.D., Ph.D.</td>
<td>Sun Yat-sen University of Medical Sciences, Guangzhou, PR, China</td>
<td>Yale University, Norwalk Hospital, Norwalk, CT</td>
</tr>
<tr>
<td>James Tsai, M.D.</td>
<td>St. George’s University, St. George’s, Granada</td>
<td>UMDNY – New Jersey Medical School, Newark, NJ</td>
</tr>
<tr>
<td>George Zahrah, M.D.</td>
<td>University of Ancona, Ancona, Italy</td>
<td>Yale University, Danbury Hospital, Danbury, CT</td>
</tr>
</tbody>
</table>

## 2002-2003

<table>
<thead>
<tr>
<th>Fellow</th>
<th>Medical School</th>
<th>Residency Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>Douglas Brandoff, M.D.</td>
<td>Mt. Sinai School of Medicine, New York, NY</td>
<td>Lahey Clinic, Burlington, VT</td>
</tr>
<tr>
<td>Bharti Chauhan, M.D.</td>
<td>Pandit JJM Medical College, Raipur, India</td>
<td>Brown Medical School, Internal Medicine – Memorial Hospital of Rhode Island</td>
</tr>
<tr>
<td>Samir Desai, M.D.</td>
<td>Northeastern Ohio Universities of Medicine, Rootstown, OH</td>
<td>Summa Health System, Akron, OH</td>
</tr>
<tr>
<td>Ronald Harris, M.D.</td>
<td>Lake Erie College of Osteopathic Medicine, Erie, PA</td>
<td>Temple University, Conemaugh Valley Memorial Hospital, Johnstown, PA</td>
</tr>
<tr>
<td>Linda McMorrow-Ries, M.D.</td>
<td>University of Vermont, Burlington, VT</td>
<td>Brown Medical School, Internal Medicine – Rhode Island Hospital</td>
</tr>
</tbody>
</table>
Research and Other Scholarly Activities

FACULTY MEMBERS OF STUDY SECTIONS AND ADVISORY COMMITTEES

Loren Fast, PhD
• Member, ZRG H10 study section at NIH

Douglas Hixson, PhD
• Member, NIEHS study section, Review of Toxicogenomics Consortium Member Applications

Neal Ready, M.D., PhD
• Study section: Chair, Cancer and Leukemia Group B Protocol #30106: “ZD-1839 (NSC# 715055) with Induction Paclitaxel and Carboplatin followed by either Radiation or Concomitant Radiation with Weekly Paclitaxel and Carboplatin in Stage III Non-small Cell Lung Cancer, a Phase II Study”

Alan Rosmarin, M.D.
• Chairman, American Society of Hematology Simultaneous Session “Regulation of Transcription in Hematopoiesis” at annual meeting, Orlando, FL
• Member, Myeloid Subcommittee, American Society of Hematology
• Chairman, American Cancer Society Leukemia, Immunology, and Blood Cell Development Study Section
• Member, National Cancer Institute Subcommittee C

Howard Safran, M.D.
• Member, Gastrointestinal Oncology Committee, Radiation Therapy Oncology Group (RTOG)
• Ad Hoc Member, Study Section, “Rapid Access to Intervention Development,” Medical Oncology Chairman, RTOG national protocol, “A Phase II Trial of External Irradiation and Weekly Paclitaxel for Non-Metastatic Unresectable Pancreatic Cancer”
• Medical Oncology Chairman, RTOG/Intergroup national protocol, “A Phase III Study of Pre and Post Chemoradiation 5-FU vs. Gemcitabine for Postoperative Adjuvant Treatment of Resected Pancreatic Adenocarcinoma”
• Medical Oncology Chairman, RTOG national protocol, “Phase II Study of Paclitaxel, Gemcitabine and Radiation Followed by the Farnesyl Transferase Inhibitor R115777 for Locally Advanced Pancreatic Cancer”
• Medical Oncology Liaison to Translation Research Program, RTOG
• Medical Oncology Chairman for upcoming RTOG protocol testing a ras peptide vaccine with chemoradiation as adjuvant therapy for pancreatic cancer

Anthony Mega, M.D.
• Chairman, Genitourinary Subcommittee, Brown University Oncology Group;
• Member, Scientific Review Board, Brown University Oncology Group

Fred Schiffman, M.D.
• Co-Chairperson, Committee on Clinical Appointments and Promotions, Brown University Department of Medicine
• Chairperson, Chiefs of Medicine of Federation of Jewish Philanthropies Hospitals
• Governor, American College of Physicians/American Society of Internal Medicine

Nancy Thompson, PhD
• Chair, American Society of Investigative Pathology (ASIP) Committee on Career Development, Women and Minorities; Member, ASIP Council
• Chair, Federation of American Societies of Experimental Biology (FASEB) Excellence in Science Award Committee
• ASIP Delegate to AXXS 2002 Meeting in Washington, D.C., sponsored by Office of Research in Women’s Health
• Co-chair and organizer, American Society for Investigative Pathology Career Development Workshop: “Playing to Win: Elements of Success” in San Diego, CA

TEACHING ACTIVITIES

EDUCATION HONORS

Anthony, Mega, M.D.
• Dean’s Teaching Excellence Award, BioMed 281: Pathophysiology – Hematology, Brown Medical School
• Preceptorship Award – Brown Medical School, Rhode Island Hospital, The Miriam Hospital
• “Teacher of the Year 2001-2002” – Brown Medical School, Hematology/Oncology Fellowship Program

Fred Schiffman, M.D.
• Senior Class Award from Brown University Medical School Class of 2001 in recognition of support and dedication to teaching
• Brown University Dean’s Teaching Excellence Award-2002

Edward Wittels, M.D.
• Dean’s Teaching Excellence Award, BioMed 281: Pathophysiology – Hematology, Brown Medical School
TEACHING RESPONSIBILITIES

James Butera, M.D.
• BioMed 281, Small group leader
• BioMed 326, Preceptor
• Preceptor, Hematology/Oncology Fellowship Program (RIH)

James Crowley, M.D.
• Preceptor, Hematology/Oncology Fellowship Program (Memorial)

Mary Ann Fenton, M.D.
• BioMed 326 Preceptor
• Preceptor, Hematology/Oncology Fellowship Program (RIH)

Nancy Freeman, M.D.
• Preceptor, Hematology/Oncology Fellowship Program (VAMC)

Anita Kestin, M.D.
• BioMed 281, Lecturer, small group leader
• BioMed 326, Preceptor
• Preceptor, Hematology/Oncology Fellowship Program (RIH)

Anthony Mega, M.D.
• Co-director, Preceptor, Hematology/Oncology Fellowship Program
• BioMed 281, Lecturer, small group leader
• BioMed 301, Preceptor
• BioMed 323, Preceptor

Ahmed Nadeem, M.D.

Neal Ready, M.D.
• BioMed 281, Lecturer
• BioMed 326 Course leader (RIH)
• Preceptor, Hematology/Oncology Fellowship Program (RIH)

Alan Rosmarin, M.D.
• Co-director, preceptor, Hematology/Oncology Fellowship Program
• BioMed 281, Course co-leader, lecturer, small group leader
• BioMed 283, Instructor

Howard Safran, M.D.
• BioMed 323 Preceptor
• BioMed 326 Preceptor
• Preceptor, Hematology/Oncology Fellowship Program (TMH)

William Sikov, M.D.
• BioMed 281, Lecturer
• BioMed 323Preceptor
• Preceptor, Hematology/Oncology Fellowship Program (TMH)

Rochelle Strenger, M.D.
• BioMed 323Course leader (TMH)
• BioMed 373-374Course leader (TMH)
• Preceptor, Hematology/Oncology Fellowship Program (TMH) (2002-2003)

Kathy Theall, M.D.
• BioMed 281, Small group leader
• Preceptor (Memorial), Hematology/Oncology Fellowship Program

Edward Wittels, M.D.
• Preceptor (TMH), Hematology/Oncology Fellowship Program
• BioMed 281, Course co-leader, lecturer, small group leader
• BioMed 301, Course leader (TMH)
• BioMed 323, Preceptor

SELECTED PUBLICATIONS

James Butera, M.D.

Loren Fast, Ph.D.
• Fast L, DiLeone G, Edson C, Purmal A. INACTINE PEN110 treatment functionally inactivates the PBMNC present in RBC units: Comparison to the effects of exposure to g-irradiation. Transfusion 2002; 42:1318 - 25.
• Fast L. Genotypic regulation of alloantibody production in response to ultraviolet B irradiated allogeneic donor cells. Transfusion 2003; in press.

Mary Anne Fenton, M.D.

Douglas Hixson, Ph.D.
• Gordon GJ, Coleman WB, Hixson DC, Grisham JW. Liver regeneration in rats with retrorsine-induced


**Anthony Mega, M.D.**


**Alan Rosmarin, M.D.**


- Gupta AK, Zibello T, Simkevich CP, Rosmarin AG, Berliner N. Sp1 and C/EBP are necessary to activate the lactoferin gene promoter during myeloid differentiation. *Blood* 2000; 95:3734-41.

- Bush TS, St. Coeur M, Resendes KK, Rosmarin AG. GA binding protein (GABP) and Sp1 are required, along with retinoid receptors to mediate retinoic acid responsiveness of CD18 (B2 Leukocyte Integrin): a novel mechanism of transcriptional regulation in myeloid cells. *Blood* 2003; 101:311-7.


**Howard Safran, M.D.**


**Fred Schiffman, M.D.**


**William Sikov, M.D.**


**Rochelle Strenger, M.D.**


**Nancy Thompson, Ph.D.**


**Edward Wittels, M.D.**


BASIC RESEARCH

Deborah Britt, Ph.D.
- Examination of a Novel Protein, LYRIC, and Its Involvement in Prostate Tumor Suppression Mediated by the Cell Adhesion Molecule (CEACAM1-L), Department of Defense
- The Role of a Novel Protein, LYRIC in Development of Hepatocellular Carcinoma, Lifespan (COBRE Pilot Project)

Loren Fast, Ph.D.
- The Effect of INACTINE on Lymphocyte Response, V. I. Technologies, Incorporated (VITEX)
- Immunological Consequences of Transfusion, NIH/National Heart Lung & Blood Institute
- Induction of Anti-Tumor Immunity Using CD4+ T Cells as Antigen-Presenting Cells, Rhode Island Cancer Council, Incorporated

Douglas Hixson, Ph.D.
- COBRE-The Role of Mitochondrial Uncoupling Protein-2 (UCP2) in Colon Carcinogenesis, NIH/National Center for Research Resources
- Center for Cancer Research Development (COBRE) Proteomics, NIH/National Center for Research Resources
- Center for Cancer Research Development (COBRE) Administrative, NIH/National Center for Research Resources
- Molecular Determinants of Multicellular Organization, NIH/National Cancer Institute
- Cellular Origins of Liver Cancer Genesis of Liver Carcinomas With Oval Cell Traits, NIH/National Cancer Institute
- FACTOR VIII12th International CEA Symposium, Octapharma Pharmaceutical, NIH/National Cancer Institute

Yow-Pin Lim, M.D., Ph.D.
- Therapeutic and Prognostic Application of Human Plasma Inter/alpha Inhibitor in the Management of Sepsis, The Slater Center for Biomedical Technology
- Immunoregulatory Role of Granzyme in Sepsis, Lifespan

Andrew Makarovsky, Ph.D.
- Effect of Taxotere/Estramustine on the Phenotype of Aggressive Prostate Cancer Cell, Aventis Pharmaceuticals Products, Incorporated

Alan Rosmarin, M.D.
- Center for Genetics and Genomics, NIH/National Institutes of Health/Brown

Nancy Thompson, Ph.D.
- Director, Pathobiology Graduate Program, Brown University
- Amino Acid Regulated Gene Expression in Tumorigenesis, American Institute for Cancer Research
- Expression & Role of TA1, Oncofetal Gene in Liver Cancer, NIH/National Cancer Institute

CLINICAL RESEARCH

James Butera, M.D.
- Phase III Study of ST1571 vs Interferon-a Combined with Cytarabine in Patients with Newly Diagnosed Cancer, Novartis Pharmaceuticals Corporation

Anita Kestin, M.D.
- Prevent Study, Brigham & Women’s Hospital

Louis Leone, M.D.
- Cancer and Leukemia Group B Foundation, Cancer and Leukemia Group B Foundation

Anthony Mega, M.D.
- BrUOG NHL-83(Amgen) A Phase I Study of Escalating Doses of Gemcitabine Combined with Standard CHOP Chemotherapy with G-CSF Support (G-CHOP-G) in Patients with Intermediate/high Grade or Mantle Cell NHL, Amgen
- LS-P-RE-107 Interleukin-2 in an Alternative Dose (The ILIAD Trial) Treatment of Patients with Metastatic Renal Cell Carcinoma with Low-Dose Prolleukin, Chirion
- BrUOG Pros-90 A Phase I/II Study of Taxol, Carboplatin and Colchicine (TCC) in Androgen Independent Prostate Cancer, Bristol Myers Squibb
• BrUOG NHL-83 (Eli Lilly) A Phase I Study of Escalating Doses of Gemcitabine Combined with Standard CHOP Chemotherapy with G-CSF Support (G-CHOP-G) in Patients with Intermediate/high Grade or Mantle Cell NHL
• A Randomized, Multicenter, Phase II Evaluation of Ontak in Patients with Previously Treated, Indolent, B-Cell, Non-Hodgkin’s Lymphoma, Ligand

Neal Ready, M.D.
• Comparison of Strontium and Samarium Uptake and Retention in a Murine Model for Bone Metastasis, Amersham Corporation
• A Phase I Multicenter Study of Continuous Oral Administration of SCH 66336 and IV Paclitaxel in Pati, Schering-Plough Research Institute
• A Phase III Randomized Trial of Active Immunotherapy with a Polyvalent Melanoma Vaccine (C-VAX) Versus Biotherapy with Interferon x-2b as a Post-Surgical Treatment for Stage III Melanoma, Brown University
• A Phase III Randomized Double Blind Trial of Immunotherapy with Polyvalent Melanoma Vaccine (C-VAX) Plus BCG vs Placebo Plus BCG as a Post Surgical Treatment for Stage IV Melanoma, Brown University
• BRUOG PA-77 Herceptin and Gemcitabine for Metastatic Pancreatic Cancer That Overexpresses HER-2NEU, Brown University
• BrUOG PA-A-128 A Phase III Double Blind Placebo Controlled Trial of Gemcitabine Plus Placebo Versus Gemcitabine Plus R115777 in Patients With Advanced Pancreatic Cancer, Brown University
• BRUOG ESO-78 A Phase I/II Trial of Herceptin, Paclitaxel, Cisplatin and Radiation Followed by Maintenance Herceptin for Adenocarcinomas of the Esophagus, Brown University
• A Randomized Double Blind Phase III Comparative Trial of 2 Doses of ZD1839 (IRESSA) In Combination W, Covance, Incorporated
• Sunbelt Melanoma Trial: A Multicenter Trial of Adjuvant Interferon Alfa-2B for Melanoma Patients with Early Lymph Node Metastasis Detected by Lymphatic Mapping and Sentinel Lymph Node Biopsy, Schering-Plough Corporation
• A Two Part Multiple Dose Clinical Trial of Safety and Efficacy of ABX-EGF in Combination with Paclitaxel and Carboplatin in Patients with Advanced Non-Small Cell Lung Cancer (LS-P-LU-303), Amgen, Incorporated
• A Phase I/II Study of Estramustine, Docetaxel and Iosfamide with Carboplatin in recurrent or Metastatic Head and Neck Squamous Cell Cancers (HN-SCC), Aventis Pharmaceuticals Products, Incorporated

• A Phase 3 Randomized Study of Lonafarbin in Combination with Paclitaxel and Carboplatin vs. Placebo in Combination with Paclitaxel and Carboplatin in Patients with Non-Small Cell Lung Cancer, Schering-Plough Corporation
• Sigma-Tau-ST 01-401 Phase I Study of Oral St 1481 Administered Once Weekly Every 3 Out of 4 Weeks in Patients With Advanced Solid Malignancies, Sigma-Tau Pharmaceuticals Incorporated
• BrUOG H & N 86 Induction Chemotherapy with Weekly Taxol, Iosfamide, and Carboplatin Followed by Concurrent Weekly Taxol and Carboplatin and Radiotherapy in Locally Advanced Head and Neck Cancers, Bristol-Myers Squibb, Incorporated
• A Phase III Randomized Trial of Active Immunotherapy with a Polyvalent Melanoma Vaccine (C-VAX) Versus Biotherapy with Interferon x-2b as a Post-Surgical Treatment for Stage III Melanoma, Brown University/NCI/John Wayne Cancer Institute
• Phase II Study of Weekly Gemcitabine and Paclitaxel for Advanced Non-Small Cell Carcinoma of the Lung (Eli Lilly & Co), Eli Lilly and Company
• Outpatient Concurrent Chemo-Biotherapy for Metastatic Malignant Melanoma Phase II, Chiron Corporation
• Outpatient Concurrent Chemo-Biotherapy for Metastatic Malignant Melanoma, Phase II, Schering Corporation
• The SILVA Study: Survival in International Phase III Prospective Randomized LD Small Cell Lung Cancer Vaccination Study with Adjuvant BCG2 and BCG, Imclone Systems Incorporated
• A Multicenter, Open Label Randomized Study of Three Schedules of Weekly Taxol Induction Therapy Followed by Weekly Taxol Maintenance Therapy in Metastatic Breast Cancer Patients, Theradex

Alan Rosmarin, M.D.
• BrUOG MDS-85 Phase I/II Study of ONTAK in the Treatment of Myelodysplastic Syndromes, Brown University
• An Open-label, Randomized Study to Develop a Screening Tool for Functional Capacity in Anemic Subjects with Nonmyeloid Malignancies Receiving Chemotherapy with Darbepoetin also (NESP), Amgen
Howard Safran, M.D.

- BrUOG ESO-78 A Phase I/II Trial of Herceptin, Paclitaxel, Cisplatin and Radiation Followed by Maintenance Herceptin for Adenocarcinomas of the Esophagus, Genentech Inc./Brown University
- LS-P-PA103 Randomized Phase II Trial to Evaluate the Effect of Gemcitabine Plus R115777 Versus Gemcitabine Plus Placebo on Time to Deterioration in Patients with Advanced Pancreatic Cancer (R115777-INT-16), PRA/Janssen
- BrUOG PA-77 Herceptin and Gemcitabine for Metastatic Pancreatic Cancers that Overexpress HER-2/neu, Brown University
- BrUOG LU-A-117 The Silva Study-Survival in an International Phase III Prospective Randomized LD Small Cell Lung Cancer Vaccination Study with Adjuvant BEC2 and BCG (EORTC Protocol 08971), Brown University
- BrUOG LU-A-109 A Phase III, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Study Marimastat in Patients with Minimal Disease Stage III Non-Small Cell Lung Cancer (CO3/IVB/173), Brown University
- BrUOG PA-77 Phase II Study of Herceptin and Gemcitabine For Metastatic Pancreatic Cancers That Overexpress HER-2/Neu, Lilly Research/Brown University
- BrUOG PA-A-128 Phase III, Double-Blind, Placebo Controlled Trial of Gemcitabine vs. R115777 Plus Gemcitabine in Patients With Advanced Pancreatic Cancer, Janssen Pharm./Brown University
- Herceptin and Gemcitabine for Metastatic Pancreatic Cancers That Overexpress Her2/NEU (Genentech), Genentech, Incorporated
- R115777-INT-11, A Phase III, Double-blind, Placebo-Controlled Trial of Gemcitabine Plus Placebo Versus Gemcitabine Plus Placebo versus Gemcitabine plus R115777 in Subjects with Advanced Pancreatic Cancer, Janssen
- LS-P-GA101 “A Phase II Study of Epothilone Analog BMS-247550 in patients with Metastatic Gastric Adenocarcinoma Previously Treated with a Taxane, Bristol Myers Squibb
- LS-P-PA-109 A Randomized, Open-Label, Multi-center Phase III Study Comparing the Efficacy and Safety of a Combination of Intravenous DX-8951F (exatecan mesylate) plus Gemcitabine to Gemcitabine Alone in Patients with Locally Advanced or Metastatic Cancer, Daidihi Pharmaceutical
- Phase I/II Study of Capecitabine/Taxotere and Carboplatin in Metastatic Adenocarcinoma of the Esophagus and Stomach, Aventis Pharmaceuticals Products, Incorporated
- Percutaneous Radiofrequency Ablation of Bone Metastasis Using CT Guidance, Radionics Instruments/Brown University
- Radiation Therapy Oncology Group (RTOG), NIH/Brown University
- A Phase II Study to Determine the Antitumor Activity of Farnesyltransferase Inhibitor R115777 in Subjects with Relapse Small Cell Lung Cancer, Jannsen Pharmaceuticals/Brown University
- A Double-blind, Placebo Controlled, Minimized Phase III Study Comparing Marimastat to Placebo as Adjuvant Therapy in Patients with Respectable Pancreatic Cancer, Brown University
- Phase II Study of TLC D-99 for Hepatobiliary Carcinomas, Liposome/Brown University
- A Compassionate Use Study of Oxaliplatin for Previously Treated Colorectal Cancer Patients, Janssen Pharmaceuticals/Brown University
- A Phase I Trial of Tarceva, Gemcitabine, Paclitaxel, and Radiation for Locally Advanced Pancreatic Cancer, Genentech, Incorporated
- An Open-Label, Phase I Study to Evaluate the Safety and Tolerability of rV-CEA(6d)/Tricom Admixed With rV-MUC-1 followed by rV-CEA(6d)/Tricom in Combination With GM-CSF in Subjects with Unresectable Adenocarcinoma of the Pancreas, Therion Pharmaceuticals
- Safety and Efficacy of Oral Gimatecan (ST 1481) Administered on a dx5 Schedule Every 28 Days as Second Line Therapy for Metastatic Colorectal Cancer in Patients without Previous Exposure to Camptothecins (A Phase II Trial), Sigma-Tau Pharmaceuticals Incorporated

William Sikov, M.D.

- Cancer and Leukemia Group B, NIH/National Cancer Institute
- CALGB Foundation Grant, NIH/National Institutes of Health/University of Chicago
- BrUOG LU-76 Phase II Study of Weekly Gemcitabine and Paclitaxel for Advanced NSCL, Brown University
- A Phase II Study of Glutamine Supplementation in Patients Receiving Weekly Taxol for Metastatic Breast on Non-Small Cell Lung Cancers, Bristol-Myers Squibb/BU
- A Randomized Multicenter, Phase II Study of Bolus/Infusion 5FU/LV vs Oxaliplatin and Bolus Infusion 5-FU/LV as Third-Line Treatment of Patients with Metastatic Colorectal Carcinoma EFC 4760, Prologue Research
- BMS CA 163-012-010 A Phase II Study of Epothilone analog BMS-247550 in patients with Metastatic Colorectal Cancer Previously Treated with a Fluoropyrimidie and Irinotecan, Bristol Myers Squibb
- A Multicenter, Open-label, Randomized, Two-arm Study of Irinotecan (CPT-11) versus the combination of Oxaliplatin and Irinotecan (CPT-11) as Second Line Treatment of Metastatic Colorectal Carcinoma, Sanofi-Synthelabo
• Gemcitabine and Capectibine in Advanced Breast Cancer: A BrUOG Phase II Study, Roche Laboratories
• A Randomized, Open Label, Multicenter Study of Primary Prophylaxis with Neulasta Versus Secondary Prophylaxis as and Adjunct to Chemotherapy in Elderly Subjects with Cancer, Amgen, Incorporated
• Phase I Study of Weekly Docetaxel and Doxorubicin in Advance Cancers, Brown University
• Phase I Study of Weekly Docetaxel and Liposomal Doxorubicin HCI (Doxil) in Advanced Cancers, Brown University
• An Open-Label, Multicenter, Randomized, Phase III comparator Study of Oral Topotecan Versus Intravenous Topotecan for Second-Line Therapy in Patients with SCLC Who Have Relapsed Greater than or equal to 90 Days After Completion of First Line Therapy, SmithKline Beecham/Brown University
• Multicenter Phase II Study of Herceptin and Navelbine as First-Line Therapy for HER2-positive. Metastatic Breast Cancer, Dana Farber/GLAXO
• Gemcitabine and Capectibine in Advanced Breast Cancer: A BrUOG Phase II Study, Lilly Research/ Brown University

Rochelle Strenger, M.D.
• NSABP Breast Cancer Prevention Trial, NIH/National Institutes of Health/Dana Farber Cancer Inst.
Overview

The Division has continued to grow and develop new initiatives in the area of HIV and AIDS, bioterrorism, and inpatient infectious diseases. The Lifespan/Tufts/Brown Center for AIDS Research, under the leadership of Dr. Charles Carpenter, has been renewed by the NIH for a five-year period, 2002 through 2007, with a total budget of $7.9 million dollars. This grant reflects the continuing outstanding clinical, basic and translational research carried out by the Brown and Tufts University faculties, and recognizes that the total external HIV/AIDS research funding, from all sources, for Brown University faculty during FY-2002, exceeded $10,000,000 per annum. The NIH Center grant strongly supports the primary thematic goal of the Lifespan/Tufts/Brown CFAR, which is to carry out translational research which deals especially with the treatment and prevention of HIV infection in hard-to-reach populations, both in New England and in several countries in the developing world.

The new AIDS Clinical Trials Unit (ACTU) at The Miriam Hospital/Brown University, under the leadership of Dr. Karen Tashima and Dr. Timothy P. Flanigan, has been an outstanding success. This is one of 30 units around the country which is NIH funded to participate in multi-center HIV and AIDS treatment trials. The Miriam Hospital/Brown University has played a leading role in the development and enrollment of HIV treatment trials, specifically for women. Dr. Susan Cu-Uvin has been elected as Vice Chair of the Women’s Group of the AIDS Clinical Trials Group (ACTG). We have been chosen as one of six sites to develop a new international treatment initiative for HIV and AIDS as part of the ACTG. We have developed a multi-center treatment protocol which will be implemented in Chennai, India with our collaborative partners at YRG Care.

A new Center for Biodefense at Memorial Hospital under the leadership of Dr. Andy Artenstein has been one of the key successes of this year. Dr. Artenstein has played a leading role, in collaboration with Dr. Peggy Neill at Memorial Hospital in community based education around biodefense since 9/11. The Center has been awarded a substantial contract from the Rhode Island Department of Health to establish educational and dissemination tools for the health care community, as well as for the broader public. Under the leadership of Dr. Artenstein, Memorial Hospital will participate in Phase I/II trials to evaluate the safety and efficacy of new more effective smallpox vaccines. Dr. Peggy Neill was asked to chair the Bioterrorism Working Group for the Infectious Disease Society of America, which has
played a leading role in education of Infectious Disease physicians since 9/11.

Within the last year, the Rhode Island State Tuberculosis Treatment Program moved to The Miriam Hospital, Brown University School of Medicine. This has been a nationally recognized program of excellence which was cited by the Centers for Disease Control for its leadership nationwide in establishing directly observed therapy programs for all persons with TB. This program has participated in national trials to improve TB therapy. Dr. Jane Carter has established a outstanding collaboration with Moi University Medical School in Eldoret, Kenya, which will investigate improved TB therapeutic strategies for patients who have TB alone and for those patients who are co-infected with HIV and TB in the developing world, which poses unique challenges.

The Division of Infectious Diseases has played a lead role in defining improved strategies to prevent nosocomial infections particularly related to intravenous catheters. Intravenous catheter infections are a major cause of morbidity among inpatients. Dr. Len Mermel has spearheaded efforts to better define and institute prevention strategies. These efforts were published in a lead article in the Annals of Internal Medicine (Prevention of Intravascular Catheter Related Infection”). He has served on committees to develop these guidelines for the Society of Critical Care Medicine, The Infectious Disease Society of America, the Society for Health Care Epidemiology of America, and Hospital Infection Control Advisory Committee to the Centers for Disease Control and Prevention.

The Division of Infectious Diseases has established a new inpatient consultative service to prevent and treat infections among patients who receive solid organ transplants, particularly kidney transplants. In the last year, Rhode Island Hospital performed more kidney transplants than any other hospital in New England. The Division, under the leadership of Staci Fischer, M.D. has established an inpatient consultative service and an outpatient Infectious Disease Clinic in order to provide care for this group of vulnerable patients.

Over the course of the last year, The Miriam Hospital has participated in international HIV vaccine prevention trials under the sponsorship of the NIH in collaboration with Harvard University and under the sponsorship of Merck Pharmaceuticals. Doctors Michelle Lally and Ken Mayer have developed a team which has participated in over six different multi-center national trials to evaluate HIV vaccine strategies. Many of these trials have utilized the new Merck HIV vaccine candidate which uses an adeno-virus to immunize individuals with HIV related antigens. The ultimate goal is that these vaccines will be utilized to prevent HIV worldwide and to boost the immune response to HIV among individuals who are already infected. This type of strategy is called therapeutic vaccination, and holds great promise for the one million people nationwide who are already infected with HIV.

Dr. Ken Mayer received multiple awards for his outstanding work in 2001 in the area of HIV prevention. He was honored by the American Federation for AIDS Research to receive its yearly award for leadership in the area of HIV clinical research. He was chosen as the Paul Galkin Lecturer for Distinguished Leadership in HIV and AIDS. He also received honorary lifetime membership in the Indian Medical Association due to the establishment of the HIV/AIDS prevention and treatment collaboration with YRG Care in Chennai, India. Dr. Mayer leads the HIV Prevention Trials Network program at The Miriam Hospital/Brown University, which has played a leading role in developing and evaluating microbicides for the prevention of HIV, both in this country and in resource poor settings.

Dr. Timothy P. Flanigan and Dr. Jennifer A. Mitty have spearheaded a program of directly observed therapy for HIV treatment for individuals who are marginalized and would otherwise not receive the benefit of our new combination HIV treatments. A pilot program for active substance abusers to provide community based treatment strategies is ongoing and has been cited nationally. This work has been presented at the Infectious Disease Society of America, the Conference on New Advances in HIV Therapies sponsored by the American Federation for AIDS Research, and the National Retroviral Conference, and has received funding through an RO1 from the National Institutes of Health. Pilot programs to extend these community based therapies for pregnant women and persons leaving prison have begun.

Bharat Ramratnam, M.D. directs the Virology Core laboratory at Brown for the Center for AIDS Research. His work investigates viral dynamics, and particularly viral decay among individuals who are long term injection drug users. This year he received funding from the Doris Duke Foundation, NIH/NIAID, and the Culpepper Foundation.
INTERNATIONAL WORK

Jane Carter, who is a national expert on TB, oversees residential opportunities for clinical research in Africa (Moi Medical School, Kenya) and in Southeast Asia (Chennai, India, Cambodia, Philippines and Indonesia) related to HIV prevention and treatment of AIDS and opportunistic infections. Herb Harwell, M.D., who was trained in both Pediatrics and Medicine, has expertise in the area of sexually transmitted diseases and HIV. He has developed ongoing projects in Phnom Penh, Cambodia to evaluate the long term morbidity and mortality related to HIV and the potential impact of antiretroviral therapy in Southeast Asia.

Faculty Members

FULL-TIME FACULTY (Hospital and Foundation Based)

Timothy P. Flanigan, M.D., Director, Associate Professor, Miriam Hospital, University Medicine Foundation
Andrew W. Artenstein, M.D., Associate Professor TST, Memorial Hospital of RI
Daniel Boden, M.D., Assistant Professor (Res.), Rhode Island Hospital
Charles C. J. Carpenter, M.D., Professor, Miriam Hospital, University Medicine Foundation
*E. Jane Carter, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
Wendy Clough, M.D., Clinical Associate Professor, Rhode Island Hospital, University Medicine Foundation
Ruth I. Connor, Ph.D., Assistant Professor (Res.), Miriam Hospital
*Susan Cu-Uvin, M.D., Associate Professor, Miriam Hospital, University Medicine Foundation
Staci A. Fischer, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Mary Flynn, Ph.D., Assistant Professor, Miriam Hospital
Melissa Gaitanis, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Stephen Gregory, Ph.D., Associate Professor, Rhode Island Hospital
Joseph I. Harwell, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
Awewura Kwara, M.D., Clinical Instructor, Miriam Hospital, University Medicine Foundation
Michelle Lally, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
John Lonks, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
Mark Lurie, Ph.D., Assistant Professor, Miriam Hospital
Kenneth Mayer, M.D., Professor, Miriam Hospital, University Medicine Foundation
Antone Medeiros, M.D., Professor, Miriam Hospital, University Medicine Foundation
Leonard A. Mermel, D.O., Associate Professor, Rhode Island Hospital, University Medicine Foundation
Maria Mileno, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
Jennifer Mitty, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
Michael C. Newstein, M.D., Ph.D., Assistant Professor (Res.), Miriam Hospital
Marguerite Neill, M.D., Associate Professor, Memorial Hospital of Rhode Island
Steven Opal, M.D., Professor, Memorial Hospital of Rhode Island
Oliver Pusch, Ph.D., Assistant Professor (Res.), Rhode Island Hospital
Bharat Ramratnam, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Josiah Rich, M.D., M.P.H., Associate Professor, Miriam Hospital, University Medicine Foundation
Karen Tashima, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
Lynn Taylor, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Edward J. Wing, M.D., Professor, Chairman of Medicine, Physician-in-Chief, Rhode Island Hospital, The Miriam Hospital University Medicine Foundation

VOLUNTEER FACULTY

Rinchen-Tzo Emgushov, M.D., Clinical Instructor, Rhode Island Hospital
Alvan Fisher, M.D., Clinical Associate Professor, Rhode Island Hospital
Glenn Fort, M.D., Clinical Associate Professor, Memorial Hospital of Rhode Island
Merik Spiers Gross, M.D., Clinical Instructor, Miriam Hospital
Dennis Mikolich, M.D., Clinical Associate Professor, Veterans’ Administration Medical Center

ADJUNCT FACULTY

Seth Berkley, M.D., Adjunct Associate Professor, Miriam Hospital
Pamina Gorbach, M.H.S., Dr.P.H., Adjunct Assistant Professor, Miriam Hospital
Peter Herbert, M.D., Adjunct Professor, Miriam Hospital
National and International Honors and Recognition of Faculty

**Andrew W. Artenstein, M.D., F.A.C.P.**

**Invited Presentations:**
- From September 2001 through June 2002, Dr. Artenstein presented “Biological Warfare, Bioterrorism and Defense” to 35 state and national groups, including: Brown University Infectious Diseases Conference, Newport Hospital, Newport, RI; Fatima Hospital, Providence, RI; St. Luke’s Hospital, New Bedford, MA; The Westerly Hospital, Westerly, RI; South County Hospital, Wakefield, RI; Rhode Island Hospital; Roger Williams Medical Center, Providence, RI; Memorial Hospital of Rhode Island; Charlton Memorial Hospital, Fall River, MA; The Miriam Hospital, Providence, RI; Milford-Whitinsville Hospital, Milford, MA; Women & Infants Hospital of Rhode Island; Mount Auburn Hospital, Cambridge, MA; and U.S. Naval Reserves, Newport, RI. He participated in multiple forums on...
bioterrorism including “Doctors Speak on Bioterrorism”, Channel 36, Providence, RI, October 2001
• “Bioterrorism and the Public Response”, Rhode Island Department of Health.
• “Biological Warfare, Bioterrorism, Defense and Universal Precautions”, Butler Hospital, Providence, RI
Advisory Boards or Committees:
• Invited Consultant, Bioterrorism and Biodefense, Division of Infectious Diseases at Washington Hospital Center
• Consultant for Bioterrorism and Chemical Weapons, Rhode Island Department of Health
• Hospital Emergency Preparedness Committee, Memorial Hospital of Rhode Island, Pawtucket, Rhode Island
• Co-chair, Brown Infectious Diseases Committee on Biological Defense and Emerging Pathogens (BDEP Committee), Brown Medical School, Providence, Rhode Island
• Consultant on Biological Weapons, “ER One” Project, sponsored by Washington Hospital Center, the Office of Emergency Preparedness, Washington DC, (Designing the Emergency Room of the next century which will be capable of safely caring for patients with biological and chemical warfare injuries)
• Medical Education Committee, Memorial Hospital of Rhode Island, Pawtucket, RI
• Bioterrorism Consultant, “Team Hope Exercise”, Statewide Terrorism Field Exercise, Rhode Island Department of Health

Charles C. J. Carpenter, M.D.
Invited Presentations:
• Discussed the new IAS-USA Recommendations for Antiretroviral Treatment Regimens, at a plenary session of the 1st Conference on HIV Pathogenesis and Treatment in Buenos Aires, Argentina
• Gave the second annual E. Hunter Wilson Lecture entitled “AIDS? The Major Pandemic of the 21st Century in Baltimore, M.D.
• Received the Rhode Island Chapter, American College of Physicians, American Society of Internal Medicine, Milton Hamolsky Lifetime Achievement Award for distinguished contributions to the practice of medicine
• Served as the Alpha Omega Alpha Visiting Professor at the Ohio State University of Medicine and Public Health
• Served as rapporteur for the Institute of Medicine Workshop titled Smallpox: The Scientific Basis for Vaccination Policy Options

E. Jane Carter, M.D.
• Member, Infection Control Committee, Miriam Hospital
• Governor, American College of Chest Physicians, State of Rhode Island
• Secretary-Treasurer, North American Region of the International Union Against TB and Lung Disease

Awards:
• Dr. Sharon Zupko Award, Traveler’s Aid Society, Providence, Rhode Island

Invited Presentations:
• American College of Physicians/American Society of Internal Medicine – Rhode Island Chapter, Internal Medicine Update, Newport, Rhode Island, “Demystifying TB Infection: When to Screen. When to Treat”
• Rhode Island Academy of Family Physicians, Primary Care Update, Newport, Rhode Island, “Tuberculosis Update – Screening and Treatment of Latent TB Infection”
• Regional TB Conference, Fall River, Massachusetts, Panel Discussion Participant, Case Vignettes (HIV/TB issues)

Susan Cu-Uvin, M.D.
Invited Presentations:
• Focus on Women: Challenges in the Prevention and Treatment of HIV/AIDS, (Amfar), Gynecologic Issues Related to HIV/AIDS.
• Reproductive Choices for HIV-Infected Patients, New York, New York
• Virologic Factors in the Genital Tract and HIV Vertical Transmission, New York, New York
• Course Director, Women at Risk: Primary Prevention of HIV and STDs for Women of Childbearing Age. Providence, Rhode Island

Staci A. Fischer, M.D.
Invited Member, Graduate Education Committee, Brown Medical School
Invited Member, Task Force on Teaching Rewards, Lifespan/Rhode Island Hospital System, Department of Medicine
Invited Presentations:
• Pathophysiology Course, Brown Medical School, Providence, Rhode Island, Lecture: Central Nervous System Infections
Timothy P. Flanigan, M.D.

Fellow, American College of Physicians


Invited Presentations:


- “Update on HIV”. Grand Rounds, Women and Infants Hospital, Providence, Rhode Island

- Keynote speaker for Brown University Medical School Biomedical Research Day, Providence, Rhode Island


- “A tale of Two Epidemics: What we can learn from the TB and Syphilis epidemics to fight the HIV pandemic”. Grand Rounds. Case Western Reserve University, Cleveland, OH and Indiana University Grand Rounds. 2002.


Joseph I. Harwell, M.D., F.A.A.P.

Member, American Academy of Pediatrics (AAP), Section on Infectious Diseases

Member, American Academy of Pediatrics, Med/Peds Section

Invited Presentations:

- “Spectrum of opportunistic infections in hospitalized, HIV-infected patients in Phnom Penh, Cambodia”. 6th International Congress on AIDS in Asia and the Pacific, Melbourne, Australia

- “Chronic diarrhea in HIV-infected patients admitted to Norodom Sihanouk Hospital, Phnom Penh, Cambodia”. 6th International Congress on AIDS in Asia and the Pacific, Melbourne, Australia

- “Etiology of meningitis in HIV-infected inpatients in an urban hospital in Phnom Penh, Cambodia”. 6th International Congress on AIDS in Asia and the Pacific, Melbourne, Australia

- “Tuberculosis presenting as abdominal lymphadenopathy in patients infected with HIV in Phnom Penh, Cambodia”. International Union Against Tuberculosis and Lung Disease, North American Region Meeting, Vancouver, British Columbia

- “Factors Associated with HIV-1 RNA Shedding in the Female Genital Tract: 24 Months Follow-up”. 9th Conference on Retroviruses and Opportunistic Infections, Seattle, Washington

- “HIV-1 RNA Levels in the Female Genital Tract Differ by Collection Method: Analysis of Cervicovaginal Lavage and Sno-Strip Collections”. 9th Conference on Retroviruses and Opportunistic Infections, Seattle, Washington


- Medical Grand Rounds, “Central Nervous System Infection in HIV”, Sihanouk Hospital Center of Hope, Phnom Penh, Cambodia

- Medical Grand Rounds, “Extrapulmonary Tuberculosis”, Sihanouk Hospital Center of Hope, Phnom Penh, Cambodia

- Biomed 282, Pathophysiology of Infectious Diseases, “The Herpesviruses”, Brown Medical School, Providence, Rhode Island

- Guest lecturer for BC 34, Health and Human Reproduction: “Sexually transmitted diseases in the developing world.”
• “Ethical Issues in Research,” Sihanouk Hospital Center of Hope Research Training Group, Phnom Penh, Cambodia

**John R. Lonks, M.D.**

**Presentations:**


**Kenneth H. Mayer, M.D.**

• Honorary life membership of The Indian Medical Association, Chennai Central Branch, India

**Editorial Boards:**

• AIDS Alert

• Medical Editor, AIDS/HIV Treatment Directory (published by American Foundation for AIDS Research)

• Opportunistic Infections in HIV Infected Patients

• International Editorial Advisory Committee, *Actualizaciones en Sida* (Spanish language AIDS Journal)


• Editorial Advisory Board, *Clinical Microbiology and Infection*

• AIDS Patient Care and STDs

• Special Topics Editor HIV/AIDS, Clinical Infectious Diseases

**Invited Presentations:**

• Invited Speaker, “Prevention of HIV Infection Through STD Control and ART Intervention”, International AIDS Society, 1st Conference on HIV Pathogenesis and Treatment, Buenos Aires, Argentina

• Invited Speaker, AmFar Conference on Expanding Clinical Research Capacity in Asia, Bangkok, Thailand

• Presentation, “Microbicides: Progress in the Development of a Novel Approach to the Prevention of HIV/STD”, presentation with Celentano DD, Srikrishnan AK, et al: HIV/STD burden in urban slums of South India. 6th International Conference on AIDS in Asia and the Pacific, Melbourne, Australia

• Presentation, “Knowledge, attitudes and beliefs regarding HIV, and attitudinal and structural barriers to care among South Indian physicians”, presentation with Ganesh AK, Madhivanan, et al. 6th International Conference on AIDS in Asia and the Pacific, Melbourne, Australia

• Course Co-Director, Focus on Women, Challenges in the Prevention and Treatment of HIV/AIDS, an AmFar continuing medical education symposium, New York, New York


• Convener and Moderator, “Cutting-Edge Issues in HIV Medicine”, 39th Annual Meeting of Infectious Disease Society of American, San Francisco, California

• Panelist, AIDS and Rights, World AIDS Day Conference, sponsored by Students for AIDS Awareness, Brown University, Providence, Rhode Island

• HIV Clinical Conference: “Sexually Transmitted Diseases Among Local MSM: Past as Prologue?”, Center for AIDS Research Rounds, Massachusetts General Hospital, Boston, Massachusetts

• Guest lecturer, “Diagnosis and Monitoring of HIV Diseases; Developing countries perspective”, Indian Association of Medical Microbiologists, Chennai, India

• Guest lecturer, “Medical Approaches to HIV Prevention”, Update on HIV Diseases, Indian Medical Association, Chennai, India

• Lecturer, “HIV Dynamics in the Genital Tract”, Lifespan/Tufts/Brown Center for AIDS Research, co-sponsored by Brown University AIDS Program, Providence, Rhode Island

• Co-Chair, 10th International Congress on Infectious Diseases, Singapore. Session Chair, “Update on Biomedical Interventions to Prevent HIV Transmission”. Presenter, “The Use of Antiretroviral Therapy (ART) to Decrease HIV Transmission”

• Symposium Presenter, Biological Means for Preventing HIV Infection: “ART as Prevention”, 14th National HIV/AIDS Update Conference, American Foundation for AIDS Research, San Francisco, California

• Speaker, “Dealing with Side Effects”; Search for a Cure: HIV Treatment Community Forum, Boston, Massachusetts

• Speaker, “Biological Means to Prevent HIV Transmission: What Do We Know, and What Do We Hope?” Northern New England Infectious Disease Society Annual Meeting, Waterville Valley, New Hampshire
Invited Presenter, “HIV Transmission and Prevention”, 6th Annual HIV Update, Harvard Medical School and Beth Israel Deaconess Medical Center, Boston, Massachusetts

- Invited Moderator, Preventing Infections in the ICU Session, Society for Critical Care Medicine 31st Annual Critical Care Congress, San Diego, California
- Invited Moderator, Device-Associated Infections Session, 12th Annual Scientific Meeting of the Society for Healthcare Epidemiology of America, Salt Lake City, Utah
- Invited Member, Technical Expert Panel, Medicare Patient Safety Monitoring System, United States Department of Health and Human Services
- Invited Member, Guideline Committee on Prevention of Intravascular Catheter-Related Infections, Society for Critical Care Medicine, the Infectious Disease Society of America, and the Hospital Infection Control Advisory Committee to the Centers for Disease Control & Prevention
- Invited Advisor, Infectious Disease Society of America Council
- Journal Advisory Board, Clinical Microbiology & Infection

Invited Oral presentations:
- Johns Hopkins University and University of Maryland Fellowship Training Course, Baltimore, Maryland.
  Lecture: Epidemiology and Prevention Bloodstream Infection
- CDC, Council of State & Territorial Epidemiologists, Association of Public Health Laboratories, WHO and American Society for Microbiology International Conference on Emerging Infectious Diseases. Atlanta, Georgia.
- Lecture: Prevention of Intravascular Catheter-Related Infections
- Washington University School of Medicine, Epidemiology 2002: An Update on Hospital Epidemiology. St. Louis, Missouri. Lecture: Epidemiology, Management and Prevention of Intravascular Catheter-Related Infections: Fables, Foibles and National Guidelines
- Rhode Island Hospital, Providence, Rhode Island. Surgical Grand Rounds: Treatment of Intravascular Catheter-Related Infections - Guidelines Based on Anecdotes, Wisdom or Facts

Marguerite A. Neill, M.D.
- Chair, Bioterrorism Work Group, Infectious Disease Society of America
- Chair, NIH Advisory Panel for Monoclonal Ab Treatment of E. coli O157:H7 Infections
- Chair, Smallpox Task Group, for the Infectious Disease Society of America
- Member, National Advisory Committee for Microbiological Criteria in Foods
- Session Convenor, Foodborne and Waterborne Diseases II. 3rd International Conference on Emerging Infectious Diseases, Atlanta, Georgia
- Member, Steering Committee, 5th International Conference on Shiga toxin-producing E. coli Infections, (June 8-11, 2003), Edinburgh Scotland
- Editorial Board, Medicine and Health Rhode Island

Invited Talks/Presentations:
- "Infectious Diarrhea", Internal Medicine Conference, Memorial Hospital of Rhode Island, Providence, Rhode Island
- "Pneumonia and Influenza", Internal Medicine Conference, Memorial Hospital of Rhode Island, Providence, RI
• “Anthrax: Issues and Update”, Family Medicine Grand Rounds
• “Bioterrorism: Update and Resources”. Infection Control Practitioners of Southern New England Annual Meeting, Mansfield, Massachusetts
• “Anthrax: present problems and current advisories”, Primary Care Physician Advisory Committee, Rhode Island Department of Health
  “Bioterrorism and Physicians: Recognizing Disease, Responding to Fear”, Pediatric Grand Rounds, Hasbro Children’s Hospital, Providence, Rhode Island
• “Hepatitis A Update”. The American Society for Microbiology and New England Association for Clinical Microbiology and Infectious Disease Meeting. Seekonk, Massachusetts
• “The 3 Rs of Bioterrorism for Health Care Providers: Recognition, Response, Resources”. Biodefense Mobilization Conference, Seattle, Washington
• “Adult Immunizations”. Internal Medicine Conference. Memorial Hospital of Rhode Island, Providence, RI

Steven M. Opal, M.D.
Invited Presentations:
• Columbia University College of Physicians and Surgeons Grand Rounds. The Role of Activated Protein C and Other Endogenous Anticoagulants in the Treatment of Sepsis
• 7th International Congress on PAF and Lipid Mediators. The potential role of PAF-acetylhydrolase in the prevention of ARDS, Tokyo, Japan
• Keio University Medical Grand Rounds. “New therapeutic Agents in the management of Sepsis”
• University of Colorado Health Sciences Center-ID grand rounds. “Activated Protein C as a new treatment for sepsis”
• Brooke Army Medical Center visiting professor-Medical Grand Rounds speaker. “Innovations in the treatment of severe sepsis”, San Antonio, Texas
• Forth International Symposium of Sepsis in the ICU. “Mediators of sepsis”, London, UK
• Associate Editor-Web Site Manager, Infectious Diseases (second edition). Section Editor, Special Problems in Infectious Disease Practice
• Editor, The Sepsis Text
• Editorial Board, Sepsis; Shock; Critical Care Medicine; Critical Care Forum; Advances in Sepsis

Josiah D. Rich, M.D., M.P.H.
• James H. Nakano Citation, The National Center for Infectious Diseases of the Center for Disease Control and Prevention, “for an outstanding scientific paper published in 2001”
• Section Editor, Journal of Urban Health
• Mentor, Brown University, Division of Biology and Medicine
• Board Member, Rhode Island Public Health Association
• Editorial Board, Medical Editor, eMedicine’s Medicine, Surgery, OB/GYN and Psychiatry
• Editorial Board Member, HIV Inside (A Quarterly Newsletter for Correctional Professionals)
• Member, Council of Healthcare Advisors

Invited Presentations:
• “Physician Prescribing of Syringes to Prevent HIV”, 2001 National HIV Prevention Conference (Abstract 670), Atlanta, Georgia
• “Prevalence of HIV and Hepatitis B and C among Injection Drug Users in a Syringe Prescription Program”, 2001 National HIV Prevention Conference (Abstract 623), Atlanta, Georgia
• “Physician Prescribing of Syringes to Prevent HIV and Hepatitis”, 2001 National HIV Prevention Conference (Abstract 650), Atlanta, Georgia
• Invited Speaker: “HIV Prevention Strategies via Syringe-exchange Programs,” Brigham & Women’s Hospital, HIV Clinical Conference, Boston, Massachusetts
• Invited Speaker: “Update on HIV”, Medical Grand Rounds, Charlton Memorial Hospital, Fall River, Massachusetts
• Guest Lecturer: “Health Care in Prisons,” Brown Medical School, Providence, Rhode Island

Karen T. Tashima, M.D.
• Honoree at “Annual Southeastern Massachusetts Conference for those living with HIV/AIDS and those who care for them”
• Elected Member, Complications of HIV Disease Research Agenda Committee of the ACTG
• Member, Renal & Neurology Sub Committees of he ACTG

Presentations:
• “Ambulatory Patient with HIV”, Didactic lecture, The Miriam Hospital/Rhode Island Hospital Primary Care Resident Lecture Series
• “Approach to the Outpatient Management of an HIV-Infected Patient”, General Internal Medicine Residents at Rhode Island Hospital
• “New Antiretroviral Medications: Why and How to Use Them”, Brown University Infectious Disease Conference
• “Metabolic and Morphologic Changes of HAART”, Lifespan/Tufts/Brown CFAR Seminar
• “HIV Update”, Lemuel Shattuck Hospital, Jamaica Plain, Massachusetts, Supported by Gilead Sciences, Inc.
• “New HIV Medications”, Thundermist Health Center, Woonsocket, Rhode Island
• “Clinical Case Discussions”, Primary Provider AIDS Program, Brown University AIDS Program

Research and Other Scholarly Activities

Faculty Members of Study Sections and Advisory Committees

Charles C. J. Carpenter, M.D.
• Member of the Review Committee of the NIH/NIAID on the Comprehensive International Program of Research on AIDS (CIPRA)
• Monitor of the Institute of Medicine Immunization Safety Review Committee Report on Thimerosal and Neurodevelopmental Outcomes
• Chair of the Review Committee of the NIH/NIAID on the Comprehensive International Program on Research on AIDS (CIPRA)
• Panel member: Guidelines for the Use of Antiretroviral Agents in HIV-Infected Adults and Adolescents. Developed by the panel on Clinical Practices for Treatment of HIV Infection convened by the Department of Health and Human Services (DHHS) and the Henry J. Kaiser Foundation, July 14, 2003.

Susan Cu-Uvin, M.D.
• Scientific Advisory Group Meeting, Global Microbicide Project, Washington, D.C.
• Forum for Collaborative HIV Research: Gender Issues in the Management of HIV Care Prevention and Research. Planning Committee Member, Washington, D.C.

Timothy P. Flanigan, M.D.
• Team Leader, Section on Cryptosporidiosis and Microsporidiosis, Section on Bacterial Infections for Opportunistic Infections Treatment Guidelines. Panel convened by the CDC and NIH
• Executive Committee, Fogarty Program, International Health Institute, Brown University
• Associate Director, Brown University AIDS Program
• Reviewer, NIH/NIAID Topical Microbicides Program Project Reverse Site Visit. Washington, DC
• Invited presenter, Forum for Collaborative HIV Research (DOT)
• Member, DSMB, NIH/NIMH ROI Project, Washington, DC

Joseph I. Harwell, M.D., F.A.A.P.
• Executive Committee, Brown University Fogarty AIDS International Training and Research Program

Kenneth H. Mayer, M.D.
• Medical Advisory Committee, Rhode Island Project AIDS
• Scientific Advisory Committee, American Foundation for AIDS Research
• Member, Epidemiology and Technology Transfer Subcommittee of the AIDS Research Review Committee (Study Section), NIAID
• National Board, American Foundation for AIDS Research Chair, Treatment Information Services Subcommittee
• Co-Chair: Clinical Research Committee
• Clinical Advisory Panel, Cost-Effectiveness of Preventing AIDS Complications (CEPAC), (NIH ROI: K. Freedberg, PI), Boston University School of Medicine/Harvard Medical School
• AIDS Committee, Infectious Disease Society of America; Steering committee, HIV Medicine Association
• National Board of Directors, HIV Medicine Association of the Infectious Disease Society of America
• International Organizing Committee, Microbicides 2002, International Conference, Antwerp, Belgium
• Scientific Advisory Committee, XIIIth International Conference on AIDS, Barcelona, Spain
• Board of Directors, New England Chapter, American Academy of HIV Medicine
• Planning Committee Member, 2003 National HIV Prevention Conference, Atlanta, Georgia (July 27-30, 2003)

Marguerite A. Neill, M.D.
• Scientific advisor, ILSI North America Technical Committee on Food Microbiology, ILSI Risk Science Institute Steering Committee on the Problem of Listeria monocytogenes in Foods, Washington, DC

Steven M. Opal, M.D.
• Data and Safety Monitoring Board:
  Chairperson, Soluble Phospholipase A2 Inhibitor in Sepsis-Lilly phase II trial
  Chairperson, E5564 anti-endotoxin sepsis trial-Eisai phase II clinical trial
  Chairperson, Activated Protein C in sepsis with low risk of mortality phase III trial

Scientific Organizing Committee:
• The 3rd Margaux Conference in Critical Illness, Program Organizing Committee, Phoenix, Arizona
• The 7th Conference of the International Endotoxin Society 2002, Program Organizing Committee, Immunology Section, Washington DC (July 18-21, 2002)
• The 6th International Congress on the Immune Consequences of Trauma, Shock and Sepsis, Program Organizing Committee, Munich, Germany, (March 7-11, 2004)
• Co-chairperson, International Steering Committee for Sepsis Clinical Trials
• Member, Steering Committee FDA Meta-analysis Committee on Sepsis
• Member, International Endotoxin Society – Program Committee – Immunology

Josiah D. Rich, M.D., MPH
• Advisory Board Consultant, GlaxoSmithKline
• Advisory Board Member, Roche Laboratories, Inc.
• Member, HIVQUAL Title III Project Clinical Advisory Committee, NYSDOH AIDS Institute, Office of the Medical Director
• Consultant, Advisory Teleconference, C. Beck, LLC, “Evaluating an Option for First PI Treatment in Your HIV/AIDS Patients”
• Consultant, Bristol-Myers Squibb Company
• Research Committee, Tenth Annual Senior Residents’ Research Day, Brown Medical School

TEACHING ACTIVITIES

EDUCATION HONORS

Andrew W. Artenstein, M.D., F.A.C.P.
• Dean’s Teaching Excellence Award, presented by Brown Medical School

Charles C. J. Carpenter, M.D.
• Received the Distinguished Alumnus Award for Excellence in Career from the class of 1952 at the Princeton University

E. Jane Carter, M.D.
• Chairman’s Award for Outstanding Teaching, Brown University
• Excellence in Teaching Award for Clinical Faculty, Brown University
• Dean’s Teaching Excellence Award, Brown University

Staci A. Fischer, M.D.
• Recipient, Dean’s Award for Excellence in Teaching, Brown Medical School

Timothy P. Flanigan, M.D.
• 2003 Profiles in Competence Award for Ability III “Using Basic Science in the Practice of Medicine”. Awarded by 3rd and 4th Year Brown Medical School Students.

Joseph I. Harwell, M.D., F.A.A.P.
• Dean’s Teaching Excellence Award, Brown Medical School, Bio 282 Pathophysiology – Infectious Disease

Michelle A. Lally, M.D., MSc
• Preceptorship Award: “An outstanding teacher in medicine”, Rhode Island Hospital, The Miriam Hospital, and Brown University

John R. Lonks, M.D.
• Dean’s Teaching Excellence Award, Brown Medical School, Course Bio 282

Kenneth H. Mayer, M.D.
• Dean’s Teaching Excellence Award, Brown Medical School, Brown University, Providence, Rhode Island
• Paul J. Galkin Lecturer for Distinguished Leadership in HIV/AIDS, Brown University, Providence, RI

Marguerite A. Neill, M.D.
• Dean’s Teaching Excellence Award for outstanding teaching in Bio 282: Pathophysiology-Infectious Disease, Brown Medical School

Steven M. Opal, M.D.
• Brown Medical School Department of Medicine Chairman’s Award for Excellence in Teaching
• Dean’s Teaching Excellence Award
Josiah D. Rich, M.D., MPH
• Preceptorship Award, Rhode Island Hospital, The Miriam Hospital, and Brown University, “as an outstanding teacher in the field of internal medicine”

TEACHING RESPONSIBILITIES

E. Jane Carter, M.D.
• Director, Brown-Moi Medical Exchange Program
• Visiting Professor, Moi University School of Medicine, Eldoret, Kenya
• Preceptor, Tuberculosis Clinic

House Staff Conference Series:
• The Miriam Hospital; 2 lecture series on tuberculosis
• Rhode Island Hospital; 2 lecture series on active tuberculosis
• Veterans Administration Medical Center; 1 lecture on active tuberculosis
• Pulmonary and Critical Care Fellowship Program, Brown University: Introductory lecture series: Tuberculosis, Diagnosis and Management

Staci Fischer, M.D.
• Director, Infectious Disease Fellowship Program
• Infectious Disease Pathophysiology course at Brown Medical School
• Chicago Infectious Disease Board Review course
• Mycology section of microbiology, Brown Medical School

Timothy P. Flanigan, M.D.
• Small group leader, Infectious Disease section, Pathophysiology, Second year medical students
• Lecturer, HIV infection in the developing world, UC107
• Organizer, special session for second year medical students during the Pathophysiology course to meet and speak with persons with AIDS
• Internal Medicine Ward Attending
• Lecturer at The Miriam Hospital on clinical manifestations of HIV/AIDS. Third year medical students during the core of Medical Clerkship

Kenneth H. Mayer, M.D.
• Multiple annual lectures to undergraduates; first and second year Brown University Medical Students on:
  1) Pharmacology and Mechanisms of Action of Antibiotics
  2) Antibiotic Resistance
  3) Epidemiology, Clinical Manifestations and Treatment of HIV/AIDS
• Doctoral thesis advisor and committee member for six graduate students in either Community Health (Brown), or Epidemiology or Immunology and Infectious Disease (Harvard School of Public Health)
• Director, Medical Student Senior Seminar: Lessons of AIDS, Brown University
• Faculty for University of Rhode Island’s Virology course, lecture on “HIV/AIDS”

Leonard Mermel, D.O.
• Preceptor, Medicine in Action Program
• Preceptor, Physical Diagnosis (Biomed 373)
• Teaching Attending Physician, Infectious Disease Consult Service
• Lecturer, Resident’s Noon Conference
• Faculty Attendee, Resident’s Morning Report
• Lecturer, Critical Care, Hematology/Oncology Fellowships; Emergency Medicine, Pediatrics, Neurosurgery Residencies
• Lecturer, National Youth Leadership Forum in Medicine

Maria Mileno, M.D.
• Faculty Leader, Alternative Healing and Complementary Medicine Affinity Group along with Dr. James Burrill
• Small group leader and lecturer, Infectious Disease Pathophysiology course
• Immunology Center & Travel Medicine elective rotation

Steven Opal, M.D.
• Participant in BC107 each year (burden of infectious disease on developing countries) and the immunology of vaccines course by Dr. DeGroot and Paul Knopf.

Edward J. Wing, MD
• Program Director, Categorical and Preliminary Internal Medicine Residency
• Teaching Attending Physician; Inpatient wards and Clinical Immunology Center
## INFECTIOUS DISEASE FELLOWSHIP PROGRAM

### Departing Fellows

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
<th>Post Graduate Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Yap, M.D.</td>
<td>University of the Philippines</td>
<td>Downtown Hospital</td>
<td>Private Practice – Infectious Disease</td>
</tr>
<tr>
<td></td>
<td></td>
<td>New York University</td>
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</tr>
<tr>
<td>Haris Mirza, M.D.</td>
<td>King Edward Medical College,</td>
<td>Overlook Hospital, NJ/</td>
<td>Private Practice – Infectious Disease</td>
</tr>
<tr>
<td></td>
<td>Pakistan</td>
<td>Columbia University</td>
<td></td>
</tr>
<tr>
<td>Joao Tavares, M.D.</td>
<td>Univ. of Coimbra, Portugal</td>
<td>Brown Medical School</td>
<td>Internal Medicine, Brown</td>
</tr>
<tr>
<td>Brenda Urbina, M.D.</td>
<td>University of Puerto Rico</td>
<td>Yale University/</td>
<td>Director, HIV/AIDS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Norwalk Hospital</td>
<td>Norwalk Hospital, New Haven, CT</td>
</tr>
<tr>
<td>Michael Poshkus, M.D.</td>
<td>Columbia University</td>
<td>Brown Medical School</td>
<td>Infectious Disease, Brown and</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Providence, RI</td>
<td>Department of Corrections</td>
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<tr>
<td>Pat Cristofaro, M.D.</td>
<td>Boston University</td>
<td>Brown University/</td>
<td>Infectious Disease, Miriam</td>
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<tr>
<td></td>
<td></td>
<td>The Miriam Hospital</td>
<td>and Memorial Hospitals</td>
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### Current Fellows

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
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<tbody>
<tr>
<td>Michael Poshkus, M.D.</td>
<td>Columbia University</td>
<td>Brown Medical School, Internal Medicine RIH/TMH</td>
</tr>
<tr>
<td>Troy Martin, M.D.</td>
<td>University of Washington</td>
<td>Brown Medical School, Internal Medicine RIH/TMH</td>
</tr>
<tr>
<td>Rosario Manalo, M.D.</td>
<td>University of the East, Philippines</td>
<td>Brown Medical School, Internal Medicine Memorial</td>
</tr>
<tr>
<td>Curt Beckwith, M.D.</td>
<td>Dartmouth/Brown Program</td>
<td>Brown Medical School, Internal Medicine RIH/TMH</td>
</tr>
<tr>
<td>Arathi Rao, M.D.</td>
<td>Kasturba Medical College</td>
<td>Western Reserve Hospital</td>
</tr>
<tr>
<td>Husam Issa, M.D.</td>
<td>Jordan University</td>
<td>Scranton-Temple Program</td>
</tr>
</tbody>
</table>

### NIH T32 Sponsored Research Fellows

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
</tr>
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<tbody>
<tr>
<td>Pat Cristofaro, M.D.</td>
<td>Boston University</td>
<td>Roger Williams Hospital</td>
</tr>
<tr>
<td>Mark Lurie, Ph.D.</td>
<td>Hopkins – PhD</td>
<td>(Not Applicable)</td>
</tr>
<tr>
<td>Clay Merchant, M.D.</td>
<td>Emory University</td>
<td>Mt. Sinai School of Medicine of NY Univ.</td>
</tr>
<tr>
<td>Jonathan Cohen, M.D.</td>
<td>New Jersey Medical School</td>
<td>Brown Medical School, Internal Medicine RIH/TMH</td>
</tr>
<tr>
<td>Erna Kojic, M.D.</td>
<td>University of Iceland</td>
<td>Brown Medical School, Internal Medicine RIH/TMH</td>
</tr>
<tr>
<td>Michael Poshkus, M.D.</td>
<td>Columbia University</td>
<td>Brown Medical School, Internal Medicine RIH/TMH</td>
</tr>
<tr>
<td>Nanetta Payne</td>
<td>Louisiana State (BA)</td>
<td>Jackson State University (PhD)</td>
</tr>
<tr>
<td>Kathy Crockett</td>
<td>Univ of Southern MS (BS)</td>
<td>Jackson State University (PhD)</td>
</tr>
</tbody>
</table>
SELECTED PUBLICATIONS

Charles C.J. Carpenter, M.D.

Timothy P. Flanigan, M.D.

Joseph Harwell, M.D.

Awewura Kwara, M.D.

Michelle A. Lally, M.D., MSc
• Simmons E, Lally MA, Flanigan TP. Routine, Not Risk-Based, Human Immunodeficiency Virus Testing Is the Way to Go. (Correspondence) *J Infect Dis* 2003;187(6):1024.

John Lonks, M.D.

Kenneth H. Mayer, M.D.

Jennifer A. Mitty, M.D.

Marguerite Neill, M.D.

Steven M. Opal, M.D.

Josiah D. Rich, M.D., MPH

Karen Tashima, M.D.
• Tashima KT, Flanigan TP, Kurpewski J, Melanson SM, Skolnik PR. Discordant human immunodeficiency virus type 1 drug resistance mutations, including K103N, observed in cerebrospinal fluid and plasma. Clin Infect Dis 2002; 35(1);82-3.

Edward J. Wing, MD
**BASIC RESEARCH**

Linda Bausserman, Ph.D.
- Circulating Cell Adhesion Molecules in HIV Infection, NIH/CFAR Developmental Grant Program
- Laboratory Analysis & Development of QC, National Institutes of Health/NERI
- Behavioral Stress on Lipids & Lipoproteins, National Institutes of Health

Daniel Boden, Ph.D.
- HIV-1 RNA Interference, NIH/CFAR Developmental Grant Program

Bharat Ramratnam, M.D.
- RNA Interference in Vivo to Decrease Viral Burden, Lifespan/COBRE Pilot Project
- Daland Fellowship, American Philosophical Society
- Novel Approaches to Target Latent Reservoirs of HIV-1, NIH/National Institutes of Health
- CFAR - Core C: Immunovirology and Laboratory Services, NIH/National Institutes of Health
- Engineering Mucosal Resistance to Cryptosporidiosis, Culpepper Foundation
- Impact of Multidrug Resistant Proteins on HIV Treatment, Doris Duke Charitable Foundation

**CLINICAL RESEARCH**

Carpenter, Charles M.D.
- (SUN) Study of Unnatural History of HIV, CDC
- Thundermist project, Thundermist Health Associates/Health Resources & Research Administration
- Center for AIDS Research, NIH/National Institute of Allergy and Infectious Disease
- Supplement for Underrepresented Minorities (CFAR) - M. Lurie, NIH/National Institute of Allergy and Infectious Disease
- Serostim in the Treatment of HIV-associated Adipose Redistribution Syndrome (HARS), Serono
- A Multiclinic, Open Study to Evaluate the Ability of the Combination of Indinavir, Zidovudine, and Lamivudine to Result in Sustained Suppression of HIV-1 in Asymptomatic HIV-1 Seropositive Patients (Merck 060 ext.), Merck Research Laboratories

Jane Carter, M.D.
- Satellite Handheld Computer Project, Satelife

Susan Cu-Uvin, M.D.
- E. Coli Lt as a Rectal and Vaginal Mucosal Adjuvant, NIH/National Institutes of Health/Children's Hospital
- AACTG Women’s Health Committee - Susan Cu-Uvin, Vice Chair, NIH/National Institute of Allergy and Infectious Disease
- HIV Drug Resistance in the Genital Tract of Women, NIH/National Institute of Allergy and Infectious Disease
- Antiviral Therapy and HIV in the Genital Tract of Women, NIH/National Institutes of Health

Staci Fischer, M.D.
- Intravenous BMS-284756 Follow-up Versus Intravenous Piperacillin Tazobactam, ICON/BRISTOL-MYERS

Timothy Flanigan, M.D.
- CFAR - Core D: HIV and Women, NIH/National Institute of Allergy and Infectious Disease
- Adult Therapeutic Clinical Trials Program for HIV/AIDS, NIH/National Institute of Allergy and Infectious Disease
- Cerebrospinal Fluid Human Immunodeficiency Virus-1 (HIV-1) and Cognitive Function in Individuals Receiving Potent Antiretroviral Therapy (ACTG 736), NIH/National Institute of Neurological Disorders & Stroke/Washington University
- Directly Observed HAART for Active Substance Abusers, NIH/National Institutes of Health
- Adapting to HIV: A Family Intervention, NIH/National Institutes of Health
- HIV and Other Infectious Consequences of Substance Abuse, NIH/National Institutes of Health
- Roche-Directly Observed Therapy Fund, Roche

<table>
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<tr>
<th></th>
<th>Direct</th>
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<tr>
<td><strong>Total Basic Research Expenses</strong></td>
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<tr>
<td>Academic Year 2002</td>
<td>$344,918</td>
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<td>Academic Year 2003</td>
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<tr>
<td><strong>Total Clinical Research Expenses</strong></td>
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<td>Academic Year 2002</td>
<td>$6,898,363</td>
<td>$1,793,711</td>
<td>$8,692,074</td>
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<tr>
<td>Academic Year 2003</td>
<td>$8,073,656</td>
<td>$1,959,399</td>
<td>$10,033,055</td>
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</tbody>
</table>
• Expanding the Testing of Sexually Transmitted Diseases in Persons Entering Correctional Facilities, Rhode Island Foundation

• Center for Biodefense and Emerging Pathogens at Memorial Hospital, RI Department of Health/Memorial Hospital

• A Nutrition, Endocrine, Metabolic Center for Drug Abusers, Tufts University/National Institute of Health

• One-on-One Intervention to Increase Female Enrollment in ACTG Trials, National Institutes of Health/Social and Scientific Systems Inc

• Induction of Anti-HWIGAA, NIH/National Institutes of Health

• Directly Observed Therapy (DOT) for TB and HIV in Kenya, NIH/National Institutes of Health

Mary Flynn, Ph.D.

• Nutrition and HIV Infection, NIH/National Institutes of Health/Tufts University

• Principles of Nutrition Course, Brown University

• Comparison of a Mediterranean Diet with a NCEP Step II for Weight Loss and Metabolic Improvement, Rhode Island Foundation

• Comparison of a Mediterranean Diet with a NCEP Step II Diet for Weight Loss and Metabolic Improvement, Canned Vegetable Council

• Comparison of a Mediterranean Diet with a NCEP Step II Diet for Weight Loss and Metabolic Improvement, Carli Olive Oil

• Comparison of a Mediterranean Diet with a Conventional Diet for Metabolic Improvement in Patients with Non-Insulin Dependent Diabetes Mellitus (NIDDM), Carli Olive Oil

• Comparison of a Mediterranean Diet with a Conventional Diet for Metabolic Improvement in Patients with non-Insulin Diabetes Mellitus (NIDD), Lifespan

Joseph Harwell, M.D.

• Clinical Evaluation of Vironstika HIV-1 Plus O Microelisa System, bioMerieux, Incorporated

• Prevalence of Gatifloxacin (Tequinn)-resistance among Streptococcus Pneumoniae Isolated Blood from Nine Hospitals, Bristol-Myers Squibb

Leah Holmes, LICSW

• Special Projects of National Significance - Outreach and Medical Care for HIV-Positive Ex-Offenders, Health Resources & Services Administration

• Case Management for HIV +Ex-Offenders, Rhode Island Department of Health

• HIV Prevention Counseling, Testing, Referral, and Outreach Services, RI Dept of Health/Travelers Aid

Awewura Kwara, M.D.

• Molecular Epidemiological Study of Tuberculosis in Rhode Island: DNA Fingerprinting and Conventional Analyses, Rhode Island Foundation

• Categorical Program for Outpatient Early Intervention Services with Respect to HIV Disease - Ryan White Title IIIIB Early Intervention Services, Thundermist Health Associates/Health Resources & Research Administration

Michelle Lally, M.D.

HIV Vaccine Trials Network (VTN), NIH/National Institutes of Health/Harvard Medical School

• HIV and Infectious Disease Testing and Treatment Among Substance Abusers (K23), NIH/National Institutes of Health

• HIV Rapid Testing Among Substance Abusers, NIH/National Institutes of Health

• Validation of Candidate HIV Vaccine T Cell Epitopes, NIH/National Institutes of Health/Brown University

• Project Prevent: Comprehensive Testing, Treatment and Prevention of HIV, Hepatitis and STDs to Persons in Drug Detoxification Centers, Ittleson Foundation

• A Phase III trial to Determine the Efficacy of AIDSVAX B/B Vaccine in Adults at Risk of Sexually Transmitted HIV-1 Infection in the United States, VaxGen

• A Probe Study of the Safety, Tolerability, and Immunogenicity of a Three Dose Regimen of the Ad5 Human Immunodeficiency Virus (HIV-1) Gag Vaccine (Adenovirus Serotype 5 HIV-1 Gag Vector) in Healthy Adults (Merck 007-00), Merck Research Laboratories

• A Phase I Dose-Ranging Study of the Safety, Tolerability, and Immunogenicity of the Merck Trivalent Adenovirus Serotype 5 HIV1 gag/pol/ nef Vaccine (MRKA 05 HIV-1 gag/pol/nef) in a Prime-Boost Regimen in Healthy Adults, Merck and Company

John Lonks, M.D.

• In Vitro Activity of Ceftriaxone and Other Agents Against Streptococcus Pneumoniae, Hoffman/LaRoche

• Prevalence of Gatifloxacin (Tequinn)-resistance among Streptococcus Pneumoniae Isolated Blood from Nine Hospitals, Bristol-Myers Squibb
Grace Macalino, Ph.D.
- HIV Related Applied Research for Control and Prevention of HIV Infection, CDC

Kenneth Mayer, M.D.
- HIV Prevention Trials Network, Fenway Community Health Center
- Behavioral Secondary HIV Prevention Interventions in India—International Research Collaboration, NIH/National Institute of Allergy and Infectious Disease
- CFAR - Core E: Prevention Science Core, NIH/National Institute of Allergy and Infectious Disease
- Increasing Condom Use with Stage Matched Intervention, NIH/National Institutes of Health/URI
- Phase I 14-Day Safety and Acceptability Study of 10% Polystyrene Sulfonate, CONRAD
- Fogarty AIDS International Training and Research Program, NIH/National Institutes of Health/Fogarty International Center
- Johns Hopkins University “NIMH Collaborative HIV/STD Prevention Trial”, NIH/National Institute of Mental Health/Johns Hopkins University
- Prevention Trials Network, Protocol 050, NIH/National Institutes of Health/Fenway Community Health Center
- Prevention Trials Network, Protocol 049, NIH/National Institutes of Health/Fenway Community Health Center
- New England AIDS Education and Training Center, HRSA/University of Massachusetts

Antone Mederios, M.D.
- A6J-MC-V010 - MRSA vs. MSSA, Lilly Research
- Healthcare Associated Infections & Antimicrobial Resistant Infections, Centers for Disease Control (CDC)

Leonard Mermel, D.O.
- Phase III Randomized Evaluation Committee Blinded Study to Assess the Safety Central Venous Catheterization, Omnicare Clinical Research
- Use of a Taurolin Flush to Prevent Long-term Intravascular Catheter Infections, Carter-Wallace Incorporated
- A Prospective, Randomized Blinded Controlled Trial of a Taurolidine Flush Solution for the Prevention of Catheter Related Infections, Carter-Wallace, Incorporated
- Linezolid vs. Vancomycin for the Treatment of Complicated Skin and Soft Tissue Infections Suspected of Being or Proven to be due to Methicillin Resistant Gram Positive Bacterial Pathogen, Pharmacia, Incorporated

Maria Mileno, M.D.
- The Effect of Formulary Conversion From Ceftazidime to Cefepime on the In Vitro Sensitivities of Pseudomonas aeruginosa, Enterbacter Cloacae and Klebsiella pneumoniae to Selected Antibiotics, Kendle International Inc.

Jennifer Mitty, M.D.
- Directly Observed Therapy (DOT) to Enhance Adherence to a Once-A-Day Highly Active Antiretroviral Therapy (HAART) Regimen Among Substance Abusers, Bristol-Myers Squibb
- Directly Observed Therapy (DOT) to Enhance Adherence to a Once-a-Day Highly Active Antiretroviral Therapy (HAART) Regimen Including Tenofovir Among Hard to Reach Populations, Gilead Sciences
- Observed Therapy to Enhance Adherence to Highly Active Antiretroviral therapy in Pregnant and Postpartum Women, Ingelheim
- Metabolic Changes among HIV Seropositive Substance Users on Directly Observed Once-Daily Highly Active Antiretroviral Therapy (HAART), National Institutes of Health/Tufts University

Stephen Opal, M.D.
- Evaluation of Anti-endotoxin Vaccine for Human Use, National Institutes of Health
- The Role of Interleukin-II as a Therapeutic Strategy Against Anthrax Exotoxin, Genetics Institute
- Phase III International Trial of Recombinant Human Platelet Activating Factor Acetyl-Hydrolase in the Treatment of Severe Sepsis, ICOS

Josiah Rich, M.D.
- Physician Patient IDU’s Pilot, SAMHSA
- Blood Born Infections Among Imprisoned Drug Users, National Institutes of Health/Johns Hopkins
- A Trial to Reduce Hepatitis C Among Injection Drug Users, NIH/National Institutes of Health/RH
- Program to Improve Access to HIV Specialist Medical Care, Rhode Island Department of Health
- Hepatitis B Vaccination of Prisoners, Centers for Disease Control (CDC)
- Overdose Prevention, Recognition and Treatment Using Naloxone, The Tides Foundation
- AMA questionairre, Robert Wood Johnson Foundation/Temple University
- Outreach and Methadone for Former Prisoners, NIH/SAMHSA
• Outpatient Early Intervention Services with Respect to HIV Disease, HRSA
• Hepatitis C Care, Schering Plough

**Emma Simmons, M.D.**

- Project SEARCH: Acceptability and Feasibility of Routine HIV Testing in Primary Care Settings, NIH/National Institute of Allergy and Infectious Disease

**Karen Tashima, M.D.**

- A Randomized, Open-Label, Phase III Study of ABT-378/Ritonavir in Combination with Nevirapine and Two Nucleoside Reverse Transcriptase Inhibitors vs. Investigator Selected Protease Inhibitor(s) in Combination with Nevirapine and Two NRTI’s in Antiviral-therapy, Abbott Laboratories
- Randomized, Open-Label, Comparative Safety and Efficacy Study of Tipranavir Boosted with Low-Dose Ritonavir versus Genotypically-Defined Protease Inhibitor/Ritonavir in Multiple Antiretroviral Drug-Therapy, Ingelheim
- A Probable Study to Evaluate the Safety, Tolerability, and Immunogenicity of the Adenovirus Serotype 5 Vector (MRKAd5) Human Immunodeficiency Virus Type 1 (HIV-1) gag Vaccine in HIV-1 Infected Patients, Merck and Company
- A 96-Week, Randomized, Open-Label, Multicenter Trial to Evaluate the Safety and Tolerability of the Antiretroviral Activity of Stavudine and Lamivudine and Nelfinavir vs. Abacavir and Combivir vs. Combivir and Nelfinavir in HIV-1 Infected Female Subjects, Glaxo Wellcome
- A Phase III, 1:1 Randomized, Double-Blind, Controlled, Multicenter Trial Comparing the Efficacy and Safety of Abacavir versus Zidovudine When Combined with Lamivudine and Efavirenz for Treatment of HIV-1 Infection in Antiretroviral Therapy Naïve Adults, Glaxo Wellcome
- A Phase 3, Randomized, Double blind, Multicenter Study of the Treatment of Antiretroviral-Naïve, HIV-1-Infected Patients Comparing Tenofovir Disoproxil Fumarate Administered in combination with Lamivudine & Efavirenz versus Stavudine, Lamivudine & Efavire, Gilead Sciences
- A Phase III, 48-week, Randomized, Double-Blind, Multicenter Study to Evaluate the Safety and Efficacy of Abacavir 600mg once Daily vs. Abacavir 300mg BID in Combination with Lamivudine and Efavirenz in Antiretroviral Therapy Naïve HIV-1 Infected Patients, GlaxoSmithKline
- A Phase III Randomized, Open-Label, Multicenter Study of the Safety and Efficacy of Efavirenz versus Tenofovir when Administered in combination with the Abacavir/Lamivudine Fixed -Dose combination Tablet as a Once-Daily Regimen in Antiretroviral Naïve HIV-, GlaxoSmithKline

**Lynn Taylor, M.D.**

- Pilot study to evaluate a multidisciplinary treatment and support program to treat hepatitis C virus (HCV) in patients coinfected with juman immunodeficiency virus (HIV), Lifespan
- Coninfection Support Group, Roche Laboratories

**Brenda Urbina, M.D.**

Overview

The Division of Renal Diseases continued to experience significant growth in clinical and academic programs during the past two academic years. This was most obviously manifest by the addition of four new faculty to the division. Dr. Andrew Bostom was recruited from Pawtucket Memorial Hospital and joined the division in July 2001. Dr. Bostom has instituted a clinical practice devoted to the management of severe dyslipidemia among patients with established cardiovascular or renal disease, and those at high risk for de novo cardiovascular disease. His research program in the Division of Renal Diseases focuses on the identification and management of potential risk factors contributing to the excess incidence of arteriosclerotic outcomes in patients with chronic renal disease. He is the Principal Investigator for two National Institutes of Health grants supporting these research efforts. “Serum Total Homocysteine and C-Reactive Protein as Predictors of Arteriosclerotic Outcomes in The Irbesartan Type 2 Diabetic Nephropathy Trial (IDNT)” is an observational study funded by the National Heart, Lung, and Blood Diseases Institute. The study will determine baseline serum total homocysteine (tHcy) and C-reactive protein (CRP) concentrations in the IDNT to evaluate the potential independent relationship between these putative CVD risk factors and subsequent CVD morbidity and mortality, in this patient population.

“The Folic Acid for Vascular Outcome Reduction In Transplantation (FA VORIT)” is a multi-center, randomized, double-blind controlled clinical trial sponsored by the National Institute of Diabetes & Digestive & Kidney Diseases. This 8-year trial is designed to determine whether treatment with a standard multivitamin augmented with high doses of folic acid, vitamin B<sub>6</sub> and vitamin B<sub>12</sub> reduces the rate of cardiovascular disease outcomes in renal transplant (graft) recipients relative to participants receiving a similar multivitamin that contains no folic acid and lower (i.e., Estimated Average Requirement) amounts of vitamins B<sub>6</sub> and B<sub>12</sub>. The FA VORIT trial will demonstrate whether or not tHcy-lowering treatment is effective in reducing CVD outcomes among renal transplant recipients. Moreover, the findings will be applicable to the much larger overall pool of patients who have chronic renal insufficiency.
participants drawn from 20 major North American and Canadian renal transplant centers, FAVORIT is the largest study of CVD prevention ever undertaken in the chronic renal disease patient population.

Dr. Purba Biswas is a physician-scientist who joined the faculty in April, 2003, following completion of a nephrology fellowship at Yale University followed by a post-doctoral fellowship in the laboratory of Dr. Peter Madri in the Pathology Department at Yale. Dr. Biswas was recruited to establish an independent basic science research program and has office and laboratory space in the Aldrich Building on the Rhode Island Hospital campus. Her interests are in the area of endothelial biology, adhesion molecules and their role in acute and chronic renal disease.

Dr. Susie Lee Hu will be joining the division beginning August, 2003 having recently completed a nephrology fellowship at Tufts/New England Medical Center. Dr. Hu's primary focus will be clinical nephrology with an emphasis on the care or patients with end stage renal disease. She will help supervise our outpatient dialysis program, direct the renal clinic at the Veteran's Administration Hospital and attend on the inpatient services at Rhode Island Hospital, The Miriam Hospital and the VA. She will also participate in various clinical research projects involving patients with diverse types of renal disease.

Dr. Ali Nayer has also been recruited to join the division beginning September, 2003. Dr. Nayer received his residency training in Internal Medicine and Pathology in the Brown program at Memorial Hospital in Pawtucket and then completed a nephrology fellowship at Brigham & Women's Hospital in Boston. Dr. Nayer will join the group conducting bench research in the division's laboratory space in the Aldrich Building. Dr. Nayer has an interest in morphometric methods of assessing renal injury as well as in the biology of rejection in transplanted kidneys. His clinical work will focus on the care of patients with End Stage Renal Disease on dialysis.

During the past year, the Division continued to expand its clinical activities in providing renal replacement therapy to patients with acute and chronic renal disease. Use of Continuous Veno-Venous Hemodiafiltration (CVVHDF), which was introduced the preceding year, continued to grow in the intensive care units at Rhode Island Hospital and has now been successfully performed in the surgical and medical Intensive Care Units as well as in the Coronary Care Unit. CVVHDF is a form of continuous renal replacement therapy that is used primarily to treat hemodynamically unstable, critically ill patients with acute renal failure. Continued growth of the program particularly during the aftermath of the Station Nightclub fire necessitated the purchase of a third CVVHDF machine this past year. The inpatient dialysis units at both the Rhode Island and Miriam Hospitals also remain quite busy and perform approximately 8000 dialysis treatments per year, primarily to hospitalized patients with acute and chronic renal disease. The Dialysis Unit at Rhode Island Hospital also provides plasmapheresis to patients with a variety of renal, hematologic and neurologic disorders.

Until recently, the Division had played a rather limited role in outpatient dialysis programs across the state. This changed significantly in January, 2003, with the initiation of a new agreement between Fresenius Medical Care, the largest provider of dialysis services in the United States and the University Medicine Foundation by virtue of which Dr. Lance Dworkin became Medical Director of all Fresenius operated dialysis programs in Rhode Island. As a result, Division faculty now provide medical leadership at four outpatient dialysis centers in East Providence, North Providence, Warwick and Woonsocket that care for approximately 350 patients with end stage renal disease. We also direct the inpatient dialysis programs at six additional institutions including The Miriam Hospital, Memorial Hospital, Newport Hospital, and Landmark Hospital. This has greatly expanded opportunities for division faculty to teach and conduct research in this important patient population. In addition, it should allow for significant growth in our outpatient dialysis practice.

The Division has ongoing active programs in both basic and clinical research. Major expansion in the clinical research program occurred with the recruitment of Dr. Bostom as discussed above. Ongoing is the Folic Acid for Vascular Outcome Reduction in Transplantation (FAVORIT) study, of which division member Andrew Bostom is the principal investigator. FAVORIT will determine whether or not lowering homocysteine levels by vitamin supplementation reduces adverse cardiovascular events in renal transplant recipients. Transplant physicians Reg Gohh and Angelito Yango are also actively involved in this project. In addition to Dr. Bostom's large trial, Dr. Dworkin is the study chair for a large consortium of investigators (80 enrolling centers) that recently resubmitted a proposal for a large multicenter clinical trial designed to determine the best therapy for patients with renal vascular disease. The CORAL study will compare the effects of renal artery angioplasty and stenting versus optimal medical therapy on combined cardiovascular and renal outcomes in 1100 patients with atherosclerotic renal vascular disease and
hypertension. The application consisting of a cluster of 5 RO1 applications with a combined budget of approximately $27 million dollars for the 6 six year project was submitted to NHLBI in June, 2003. Other funded clinical studies currently underway include protocols examining the effects of newer immunosuppressive agents on the course of IgA nephropathy.

The Division currently employs 3 full-time research coordinators and, on average, more than a dozen clinical trials are underway at any given time involving division faculty and fellows. These trials have enrolled patients with diverse diseases, including acute and chronic renal failure, hypertension, diabetes as well as dyslipidemia. The clinical research program includes NIH, industry and investigator initiated, internally funded trials that have lead to numerous presentations and peer-reviewed publica-tions in the past year.

Dr. Lance Dworkin directs the basic science research program, which involves close collaboration with Abdallah Rifai, a PhD investigator in the Department of Pathology. The main thrust of the laboratory program is investigation of the mechanisms of progression of chronic kidney disease. The NIH funded laboratory program incorporates a variety of techniques, from physiologic studies in whole animal models of chronic kidney disease, to cell culture, to advanced molecular methods including gene profiling. The laboratory has consistently produced data that has been presented at national and international meetings. There is an important educational component to the laboratory program as well, which provides opportunities for students, residents, renal fellows, and post-doctoral research fellows to gain experience in laboratory investigation.

The Division of Renal Diseases performs between 100 and 200 biopsies annually of native or transplanted kidneys. Typically, this procedure incorporates ultrasound localization of the kidney, which, in the past, was performed in collaboration with the radiology department. Recently, the Division acquired its own ultrasound machine, enabling us to perform kidney biopsies at the bedside. This has resulted in increased efficiency and convenience for our patients, and has significantly enhanced our ability to perform this important procedure particularly in renal transplant patients. In this patient population, subclinical chronic allograft rejection is an important problem leading ultimately to graft loss. Subclinical rejection can be detected by performing protocol driven renal biopsies on a regular schedule and such a biopsy program is being implemented in our transplant population facilitated by the availability of bedside ultrasound. The ultrasound machine will also be used to localize vessels for the placement of dialysis catheters, a technique that has been shown to reduce complications and improve success rates for this procedure. The availability of ultrasound also enhances our training programs by allowing fellows to gain expertise in this important technique.

The renal fellowship at Brown University has been in existence for more than 30 years. During the past 2 years, we continued to experience increased interest in our nephrology training program, which enrolls three fellows each year and this past year received over 150 applications before the selection process was completed in early January, 2003. The recruitment seasons in 2001-2003 were highly successful with applications from residents from our own program as well as from other first rate academic institutions. Our fellows now rotate through Rhode Island Hospital, The Miriam Hospital, and the VA Hospital where they contribute significantly to patient care as well as resident and medical student education.

Transplantation

The Division of Organ Transplantation continues to be extremely active, with a total of 84 kidneys transplanted during the past calendar year. This represents the most transplants ever performed by a single center in New England. This accounts for almost 1100 clinic visits to the transplant nephrologists at Rhode Island Hospital, providing ample experience for training fellows. Another milestone recently reached was the completion of 400th transplant performed at Rhode Island Hospital since the programs inception 6 years ago. This year also saw the introduction of pancreas transplantation to the program. This procedure, performed typically in individuals that have also received a kidney transplant, markedly improves quality of life for patients with insulin dependant diabetes mellitus.

Transplant Research

The Transplant Division continues to participate in a number of pharmaceutical company sponsored studies evaluating the efficacy of various drug regimens in preventing renal allograft rejection. We also participate in two NIH-sponsored studies including the FAVORIT study and Dr. Roy Aaron's study (Identification and Treatment of Osteonecrosis of the Hip). Dr. Gohh also conducts independent research on the prevention and treatment of recurrent FSGS in renal transplant recipients and the safety and feasibility of renal transplantation in HIV infected individuals (in conjunction with Dr. Stacy Fischer of the Division of
Infectious Diseases). The division is also currently participating in an NIH sponsored trial investigating the utility of intravenous immunoglobulin as an agent to reduce anti-HLA antibodies and improve transplantation results in cross match positive living donor kidney allograft recipients. Dr. Yango has recently introduced a program for protocol renal biopsies for all transplant recipients in our center for primary and secondary prevention of chronic allograft nephropathy. In addition, we are also actively conducting pilot studies in the area of inducing specific unresponsiveness with donor specific peripheral blood mobilized bone marrow stem cells in recipients of living donor mismatched renal allografts.

Faculty Members

**FULL-TIME FACULTY** (Hospital and Foundation Based)

- Lance D. Dworkin, M.D., Director, Professor, Rhode Island Hospital, University Medicine Foundation
- J. Gary Abuelo, M.D., Associate Professor, Rhode Island Hospital, University Medicine Foundation
- Andrew J. Beaulieu, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
- Purba Biswas, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
- Andrew G. Bostom, M.D., M.S., Associate Professor, Rhode Island Hospital, University Medicine Foundation
- Reginald Gohh, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
- Douglas Shemin, M.D., Clinical Associate Professor, Rhode Island Hospital, University Medicine Foundation
- Angelito Yango, Jr., M.D., Clinical Assistant Professor, Rhode Island Hosp., University Medicine Foundation

**VOLUNTEER FACULTY**

- Joseph Chazan, M.D., Clinical Professor, Rhode Island Hospital
- Jeffrey Clement, M.D., Clinical Assistant Professor, Miriam Hospital
- Christopher Cosgrove, M.D., Clinical Instructor, Rhode Island Hospital
- Richard Cottiero, M.D., Clinical Associate Professor, Rhode Island Hospital
- Raymond Endreny, M.D., Clinical Associate Professor, Rhode Island Hospital
- Boyd P. King, M.D., Clinical Associate Professor, Rhode Island Hospital
- Thomas Krahn, M.D., Clinical Assistant Professor, Rhode Island Hospital
- George Lee, M.D., Clinical Instructor, Rhode Island Hospital
- Charles E. McCoy, M.D., Clinical Associate Professor, Rhode Island Hospital
- Ildiko Medve, M.D., Clinical Instructor, Rhode Island Hospital
- Mark Siskind, M.D., M.S., Clinical Assistant Professor, Rhode Island Hospital
- Michael Thursby, D.O., Clinical Instructor, Rhode Island Hospital
- Marc Weinberg, M.D., Clinical Associate Professor, Miriam Hospital
- David C. Yoburn, M.D., Clinical Associate Professor, Memorial Hospital of Rhode Island
- Steven Zipin, M.D., Clinical Assistant Professor, Miriam Hospital

**FACULTY TRANSITIONS**

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Faculty Rank</th>
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<tbody>
<tr>
<td>Purba Biswas, M.D.</td>
<td>Yale Univ. Sch Med, Depts Medicine &amp; Pathology</td>
<td>Assistant Prof.</td>
</tr>
<tr>
<td>Andrew G. Bostom, M.D., M.S.</td>
<td>Memorial Hospital of Rhode Island</td>
<td>Associate Prof.</td>
</tr>
<tr>
<td>Christopher Cosgrove, M.D.</td>
<td>Yale New Haven Hospital</td>
<td>Clinical Instr.</td>
</tr>
<tr>
<td>Michael Thursby, D.O.</td>
<td>Nephrology Fellow, Rhode Island Hospital</td>
<td>Clinical Instr.</td>
</tr>
<tr>
<td>Angelito Yango, Jr., M.D.</td>
<td>Nephrology Fellow, Rhode Island Hospital</td>
<td>Clin. Assist. Prof.</td>
</tr>
</tbody>
</table>
National and International Honors and Recognition of Faculty

J. Gary Abuelo, M.D.
Invited Presentations:
• “Resistant Hypertension and Hypertensive Emergencies”. Luis E. Aybar Hospital, 5th International Congress, Santo Domingo, May 2003

Purba Biswas, M.D.
• American Heart Association Fellowship Award

Andrew G. Bostom, M.D., M.S.
Invited Presentations:
• “The Kidney and Homocysteine Metabolism”. ASN/ISN World Congress of Nephrology, San Francisco, CA
• “Management of Dyslipidemia in Chronic Renal Disease”, Renal Grand Rounds, Rhode Island Hospital, Providence, RI
• “Measurement and Parameters and Methodologies in Chronic Renal Disease”, ASN Renal Week, Philadelphia, PA

Lance D. Dworkin, M.D.
• Fellow, American College of Physicians/American Society of Internal Medicine
• Member, Editorial Board, Clinical Nephrology
• Visiting Professor, Tokai and Osaka Universities, Japan
• Medical Director, Artificial Kidney Centers of Rhode Island (East Providence, North Providence, Woonsocket, Warwick Outpatient Dialysis Centers, Inpatient Dialysis Programs).
• 5th Congreso Internacional Dr. Marieni Cabral, Santo Domingo, DR, Invited Speaker, May 2003

Reginald Gohh, M.D.
Appointed to Medical Staff, Artificial Kidney Center of Rhode Island, Providence, Rhode Island
Three abstracts accepted for poster presentation:

Douglas Shemin, M.D.
• Named Chairman Elect, End Stage Renal Disease Network of New England
• Named Associate Medical Director, Artificial Kidney Center of North Providence, and Associate Medical Director, Artificial Kidney Center of Warwick.
• Named “One of Rhode Island’s Top Doctors”, Rhode Island Monthly magazine

Angelito Yango, Jr., M.D.
Invited Presentation:
• Transplant Grand Rounds, “Humoral Immune Response in Transplant Recipients”
• Transplant Grand Rounds, “Hepatitis C in Kidney Transplantation”
• Nurse’s Lecture Series, “Medical Aspects of Kidney Transplantation”

Research and Other Scholarly Activities

Faculty Members of Study Sections and Advisory Committees

Lance D. Dworkin, M.D.
• National Kidney Foundation Executive Committee of the Council on Hypertension
• Medical Advisory Board, National Kidney Foundation of Massachusetts, Rhode Island, New Hampshire & Vermont
• Homer W. Smith Award Committee, American Heart Association, American Society of Nephrology
• American Society of Nephrology, Government Relations Committee
• National Institute of Health, General Medicine B Study Section & Urology Special Emphasis Panel
• Chairman, American Society of Nephrology Ad-hoc Public Policy Priorities Working Group on Increasing R01 grants for kidney disease research
• Harvard Medical School, Intensive Board Review and Contemporary Issues in Nephrology

Reginald Gohh, M.D.
• Medical Advisory Board, National Kidney Foundation – Regional Board of Directors of Massachusetts and Rhode Island
• Board of Directors and Chairman of Transplant Committee, ESRD Network of New England

Douglas Shemin, M.D.
• American Society of Nephrology, 2003 Annual Meeting Abstract Reviewer

TEACHING ACTIVITIES

EDUCATION HONORS

Lance D. Dworkin, M.D.
• Brown Medical School Dean’s Teaching Excellence Award

Angelito Yango, Jr., M.D.
• Phi Sigma Biological Honor Society
• Leo Davidoff Award for Excellence in Teaching
• Young Investigator’s Award

TEACHING RESPONSIBILITIES

J. Gary Abuelo, M.D.
• Program Director, Nephrology Fellowship
• Co-Course Leader, Renal Pathophysiology, Brown Medical School

Andrew Beaulieu, M.D.
• Lecturer/Small Group Facilitator, Renal Pathophysiology Course, Brown Medical School
• Involved in teaching of Internal Medicine Residents, Brown Medical Students, and Internal Medicine Staff through teaching rounds and noon conferences
• Attending Rounds, Rhode Island Hospital
• Medical Director, Providence VA Hemodialysis Unit; Provide instruction to second-year renal fellows on hemodialysis over a six month period

Lance D. Dworkin, M.D.
• Small Group Leader, Renal Pathophysiology, Brown Medical School
• Noon Conference Lecture Series, Rhode Island and Miriam Hospitals
• Renal ICU Rounds, Miriam Hospital, Lecturer
• Physiology Conference, Lecturer
• Hypertension Lecture, Ambulatory Block Rotation Medical Residency
• Preceptor with medical students

Reginald Gohh, M.D.
• Lecturer/Small Group Leader, Renal Pathophysiology (Biomed 281)
• Longitudinal Clinic Preceptor, Precept a 3rd year medical student on a weekly basis
• Provide lectures on renal pathophysiology and transplant related issues to residents and fellows including morning report, noon conferences.
• Attending physician on both the renal and transplant electives during which all consults and admissions are discussed in detail
• Organizer of monthly CME activity – Transplant Conference
• Organizer of renal pathophysiology lecture series for students/residents taking renal elective – Rotator Conference
• Teaching attending for inpatient ward team
• Clinic attending – attend the transplant clinic in conjunction with the renal fellows

Douglas Shemin, M.D.
• Co-Course Leader, Renal Pathophysiology, Brown Medical School
• Preceptor, Internal Medical Clerkship, Rhode Island Hospital
• Instructor, Advanced Human Pathophysiology, University of Rhode Island College of Pharmacy
• Chairman, Department of Medicine Curriculum Committee, Brown University School of Medicine

Angelito Yango, M.D.
• Lecturer/Small Group Leader, Renal Pathophysiology (Biomed 281)
• Resident lecture series on renal physiology/acid base problems/renal transplantation
• Attending physician on both renal and transplant electives for fellows, residents and medical students
• Teaching attending for inpatient ward team
• Clinic attending with renal fellows for general nephrology and transplant clinics
SELECTED PUBLICATIONS

J. Gary Abuelo, M.D.
- Abuelo, J. Gary. Review article: Normotensive ischemic acute renal failure. Accepted for publication. RI Medical Journal 2003

Purba Biswas, M.D.

Andrew Bostom, M.D.

Lance D. Dworkin, M.D.


Reginald Gohh, M.D.


Douglas Shemin, M.D.


• Shemin D. Early initiation of dialysis does not significantly increase survival in end stage renal disease. J Evidence Based Health Care 2002; 6: 89-90.


• Shemin D. Dialysis in Pregnant Women with Chronic Kidney Failure. Accepted by Seminars in Dialysis.

Angelito Yango, M.D.


BASIC RESEARCH

Lance Dworkin, M.D.
- Physiologic & Pathogenic Actions of Renal HGF/c-met, NIH/National Institute of Diabetes and Digestive and Kidney Diseases
- Candesartan in Spontaneously Hypertensive Rats, Astra Pharmaceutical

CLINICAL RESEARCH

Andrew Bostom, M.D.
- Serum Total Homocysteine and C-Reactive Protein As Pred*, NIH/National Heart Lung & Blood Institute
- A Randomized Controlled Trial of Homocysteine, NIH/National Institute of Diabetes and Digestive and Kidney Diseases

Andrew Brem, M.D.
- Pilot Study of Mycophenolate Mofetil in Children with Steroid-Dependent Nephrotic Syndrome, Medical City Dallas Hospital
- Study of Blood Pressure Reduction with Fosinopril in Children and Adolescents, Bristol-Myers Squibb, Incorporated

Lance Dworkin, M.D.
- Multicentered Randomized Double Blind Placebo Controlled Efficacy and Safety Study of the Effects of Oral Tolvaptan in Patients with Hyponatremia, Otsuka America Pharmaceutical Incorporated
- A Multi-Center Double Blind Randomized Parallel Group Study to Evaluate the Effects of Diovan on Microalbuminuria in Hypertensive Subjects with Type 2 Diabetes Mellitus (DM), Novartis Pharmaceutical Corporation
- Clinical Protocol for a Multi-Center Placebo Run-In, Randomized, Double-Blind Parallel Group Trial to Evaluate the Effects of Eplerenone vs. Eplerenone/Lisinopril in Patients with Renal Insufficiency, Pharmacia, Incorporated
- A Double Blind Multi-Center Randomized Placebo-Controlled Parallel Group Study of the Effects of Nebivolol on Safety and Efficacy in Patients With Mild to Moderate Hypertension, Bertek Pharmaceuticals, Incorporated
- A Prospective Multinational Multicenter Double Blind Randomized Active Controlled Trial in Patients with Essential Hypertension to Compare the Effect of Valsartan 80 and 160 mg with or without the addition of Hydrochlorothiazide, Once Daily to that of Amlodipine 5 & 10mg Once Daily, With or Without the Addition of Hydrochlorothiazide, on Cardiovascular Morbidity and Morality, Novartis Pharmaceutical Corporation
- Clinical Protocol for a Long-Term, Open Label Study of the Safety and Efficacy of Eplerenone Protocol, Covance
- A Randomized Controlled Trial of Mycophenolate Mofetil in Patients with IgA Nephropathy, Medical City Dallas Hospital
- A Randomized, Placebo-Controlled, Multicentered Trial Evaluating A) Alternative Day Prednisone B) Fish Oil Supplements in Young Patients with IgA Nephropathy, Medical City Dallas Hospital
- Antihypertensive Efficacy of Adding Candesartan Cilexetil to Lisinopril in Comparison to Up-Titration, Astra Zeneca/OMNI
- Clinical Protocol for a Double-Blind Randomized Active Controlled Comparison Study of the Antihypert, Covance, Incorporated, Searle
- The Effect of Irbesartan on Morbidity and Mortality in Hypertensive Patients with Type II Diabetes and Diabetic Neuropathy, Bristol-Myers Squibb Pharmaceutical Research
- A Multicenter, Randomized Double Blind Parallel Group Study to Evaluate the Tolerability and Efficacy of the Co-Administration of Simvastatin 20 mg/day and Fenofibrate 160 mg/day Compared to Simvastatin 20 mg/day Alone for 12 Weeks of Treatment in Patients with Combined Hyperlipidemia, Merck & Co
- A Double Blind Randomized Placebo and Active Controlled Parallel Group Dose Finding Study to Evaluate the Efficacy and Safety of Once Daily Oral Administration of 5mg, 10mg, 25mg, and 50mg of M 100240, Aventis Pharmaceuticals Products, Incorporated

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<td>Academic Year 2002</td>
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<td>Academic Year 2003</td>
<td>$2,346,628</td>
<td>$754,330</td>
<td>$3,100,958</td>
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</tbody>
</table>
Reginald Gohh, M.D.

- Rapamune Outcomes Assessment Registry, Syreon Corporation
- A Multicenter, Randomized, Open label Trial of Simulect with Rapid Steroid Withdrawal vs Simulect with Standard Treatment in Subjects Treated with Neoral and Cellcept for the Prevention of Acute Rejection in Renal Transplantation, Deaconess Hospital
- An Open Label Multicenter Study to Further Characterize the Clinical Utility and Safety of RapamuneR, Wyeth-Ayerst Research
- A Comparative Open Label Study to Evaluate Graft Function in De Novo Renal Allograft Recipients Treated with Either a “Reduced Dose” or a “Standard Dose” of Cyclosporine in Combination with Rapamune (Sirolims) + Corticosteroids, Pharmaceutical Product Development
- A Randomized Open-Label Preference Study of Gengraf Compared to Neoral in Stable Solid-Organ Transplant, Pharmaceutical Product Development
- Pilot Study to Induce Specific Unresponsiveness with Donor-Specific Peripheral Blood Mobilized Bone Marrow Stem Cells (PBSCs) in Recipients of Living Donor Mismatched Renal Allografts Treated with Thymoglobulin and Standard Cyclosporine Based Immunosuppression, Beth Israel Deaconess Medical

Douglas Shemin, M.D.

- An Open Label Randomized Multicenter Phase III Comparator Controlled Parallel Group Study to Assess the Long-Term Safety and Efficacy of Lanthanum Carbonate in Chronic Renal Failure Patients Receiving Hemodialysis, Rhode Island Clinical Research Center
- Disease/Case Management of Patients Receiving Aranesp (darbepoetin alfa) to Treat the Anemia of Chronic Renal Insufficiency (CRI), Amgen
- Correction of Hemoglobin & Outcomes in Renal Insufficiency (CHOIR), Carestat
- A Randomized Double Blind Parallel Group Evaluation of Usual Care Plus Cervistatin 0.4mg, Once Daily, Bayer Corporation
- Mahurkar Triple Lumen Catheter, Tyco Healthcare Group
We are pleased to announce that in July 2002, Dr. Rosene was promoted to Professor of Medicine and Obstetrics & Gynecology, Brown Medical School. From July 2002 to June 2003, the attending physicians in the Division presented numerous abstracts at conferences of the Society of Obstetric Medicine and Society of General Internal Medicine. Topics of abstracts included: “Are women making an informed decision when they decline HIV testing during pregnancy”, “The prevalence of deep venous thrombosis in women undergoing cesarean section”, “What do internists need to know in caring for pregnant patients”, and “What do obstetric internists get consulted for?” They were also invited to give presentations at national and international conferences. Dr. Rosene was Co-director at the American College of Physicians Workshops on Medical Problems in Pregnancy. She also presented a lecture at the Society of Obstetric Medicine on Thrombosis and Thrombophilies in Pregnancy. Dr. Rosene was also Visiting Professor and presented grand rounds on thrombosis in pregnancy at King Edwards Women’s Hospital in Perth, Western Australia. Additionally, she provided a demonstration about PIER - the Physicians’ Information Education Resource at the Rhode Island Chapter ACP Scientific Meeting, Revitalization of Internal Medicine.

Dr. Powrie’s presentations include: Depression in Primary Care at the Advances in Medical Diagnosis and Management Conference, Practi-Med 2002 held in Tokyo, Japan. This conference was co-sponsored by the New England Journal of Medicine and Harvard Medical International. Dr. Powrie also gave presentations at the Primary Care Internal Medicine: Principles and Practice Course sponsored by Massachusetts General Hospital/ Harvard Medical School. Other presentations by Dr. Powrie include: Preventing Mother to Child Transmission of HIV. Faculty member at WHARF (Wockhardt-Harvard Medical International HIV/AIDS Education Foundation). Mumbai, India, Preventing Mother to Child Transmission of HIV. Primary Care for People with HIV Infection and AIDS. Presentation at Sion Hospital. Mumbai, India, Preventing Mother to Child Transmission of HIV. Primary Care for People with HIV Infection and AIDS. Presentation at JJ Medical School. Mumbai, India, Medical Problems in Pregnancy: A review. Core Curriculum Lecture Series, WIH, Thrombosis in Pregnancy, Visiting Professor Conference. Medical Society of Delaware, Department of Obstetrics & Gynecology. Christiana Care Health Services. Wilmington, DE, Prescribing in Pregnancy. Residents and Medical Students lecture, Department of Obstetrics & Gynecology. Christiana Care Health, Preventing in Pregnancy. Medical Grand Rounds. Department of Medicine. Christiana Care Health Services/ Wilmington, DE, Keeping Current: Hypertension in Pregnancy. Nursing Skills Day. WIH, Diagnostic Imaging During Pregnancy. Family Medicine Residency Program. Memorial Hospital of RI.
During the time of July 2001 through June 2002, the attending physicians in the Division presented numerous abstracts at conferences of the Society of Obstetric Medicine and Society of General Internal Medicine. Topics of abstracts included deep vein thrombosis in women undergoing cesarean section, hyperemesis, and syncope in pregnancy. They were also invited to give presentations to Glendale Memorial Hospital in California, Key Biscayne, FL, Christiana Care Health Services in Delaware, and Harvard Medical School in Boston. Topics of the presentations include women and heart disease, prescribing in pregnancy, curriculum in medical complications in pregnancy, and medical problems during pregnancy. Grand Rounds were presented at Charleton Memorial Hospital in Fall River, Rhode Island Hospital, and Women & Infants Hospital. Topics for grand rounds included asthma in pregnancy, renal disease, and diabetes in pregnancy. Doctors Rosene, Montella and Powrie served as Co-directors at the Annual American College of Physicians national meeting for the workshops on Medical Problems in Pregnancy. In addition, Dr. Powrie served as the Director of the International Debate on Thrombophilia in Pregnancy Prophylaxis for the International Society for the Study of Hypertension in Pregnancy in Toronto.

Additionally, the physicians meet with medical students and fellows weekly for Obstetric Medicine noon conference as well as presenting lectures throughout the rotation on medical problems in pregnancy.

Faculty Members

FULL-TIME FACULTY
(Hospital and Foundation Based)
Lucia Larson, M.D., Assistant Professor of Medicine and Obstetrics & Gynecology
Raymond Powrie, M.D., Associate Professor of Medicine and Obstetrics & Gynecology
Karen Rosene Montella, M.D., Professor of Medicine and Obstetrics & Gynecology

VOLUNTEER FACULTY
Silvia Degli Esposti, M.D., Clinical Associate Professor
Christy Dibble, DO, Clinical Assistant Professor/Gastroenterology
Margaret Miller, M.D.
Rossana Moura, M.D.

National and International Honors and Recognition of Faculty

Lucia Larson, M.D.
Invited presentations:
- Reviewer for ACP-ASIM PIER module “Chronic Stable Angina”

Margaret Miller, M.D.
Invited presentations:
- Metropolitan Life Insurance Company, Lunch and Learn Series, Menopause, October 5, 2001
- Strong women, strong hearts, October 27, 2001

Raymond Powrie, M.D.
- Vice President, North American Society of Obstetric Medicine 2002-present
- Executive Member, International Society of Obstetric Medicine, 2002-present
- Dean’s Teaching Excellence Award for exemplary teaching in Clerkship in Ob/Gyn, Brown Medical School, 2002
- Special Recognition for Teaching Award, Undergraduate Medical Education Teaching presented by the Department of Medical Education, Women & Infants Hospital, 2002.
- Full-time Faculty Excellence-in-Teaching presented by the Department of Medical Education, WIH, 2002.
- Special Recognition for Teaching Award presented by the Residents, WIH, 2002.
- Outstanding Teacher in Obstetric Medicine Award, presented by Chief Residents, WIH, 2002.
- Chairman’s Award for Outstanding Teaching, RIH, 2003.
• Rhode Island Monthly magazine. Voted one of Rhode Island’s “Top Doctors for Women”, 2003.
• Master of arts ad eundem degree awarded by Brown Medical School, Board of Fellows, May 2001
• Treasurer, Society of Medicine, 2000 – 2002

Invited presentations:
• Primary Care Internal Medicine. Principles and Practice Course 2002. Massachusetts General Hospital/Harvard Medical School, Department of Continuing Education. Cambridge, MA. September 30, 2002.
• Preventing Mother to Child Transmission of HIV. Faculty member at WHARF (Wockhardt-Harvard Medical International HIV/AIDS Education Foundation). December 5-8, 2002, Mumbai, India.
• Preventing Mother to Child Transmission of HIV. Primary Care for People with HIV Infection and AIDS. Presentation at Sion Hospital. Mumbai, India. December 5-8, 2002, Mumbai, India.
• Prescribing in Pregnancy. Residents and Medical Students lecture. Department of Obstetrics & Gynecology. Christiana Care Health

Poster Presentation and Workshop Session:
• Development and Implementation of a Curriculum in Medical Complications in Pregnancy: Our Experience to Date, Council on Resident Education in Obstetrics and Gynecology/Association of Professor of Gynecology and Obstetrics, Key Biscayne, FL, January 8, 2002
• Women and Heart Disease Conference, Christiana Care Health Services, Cardiac Disease in Pregnancy, Wilmington, DE, February 16, 2002
• Diabetes in Pregnancy, Core Curriculum Lecture Series, Women & Infants Hospital, Providence, RI, March 8, 2002
• Best Beginnings Conference, Warwick, RI, March 22, 2002
• Diabetes in Pregnancy, Core Curriculum Lecture Series, Women & Infants Hospital, Providence, RI, April 7, 2002
• Co-Director, Workshop on Medical Problems in Pregnancy, Philadelphia, PA, April 2002
• Harvard Medical International: HMI-Wockhardt Leadership Program for Nurse and Hospital Administrators, Medical Safety, Boston, MA, April 26, 2002

Karen Rosene Montella, M.D.
• Deputy Editor, PIER (Physician’s Information and Education Resource) American College of Physicians/American Society of Internal Medicine

Invited Presentations
• Bioterrorism Readiness Task Force, Women & Infants Hospital, 2001
• Co-director, Workshop on Medical Problems in Pregnancy, PA, April 2002
• Society of Obstetric Medicine, President 1997 – 2002
• Director, Workshops in Medical Complications of Pregnancy, American College of Physicians, San Diego, CA. April 2003.
• Visiting Professor, King Edwards Women’s Hospital, Perth, Western Australia. Grand Rounds on Thrombosis in Pregnancy, April 2003
Research and Other Scholarly Activities

The Division’s interest in research is related to pregnant women and medical complications of pregnancy. Dr. Rosene’s interests lie in thrombosis in pregnancy, specifically the prevention of pulmonary embolism and deep venous thrombosis in pregnancy, A-gradient in pulmonary embolism in the pregnant patient, the effect of heparin on bone density in pregnancy, platelet activation in normal and hypertensive pregnancy, and curriculum development in medical consultation in pregnancy. Dr. Powrie’s research interests include medical consultation in pregnancy, and curriculum development in medical consultation and obstetric medicine. Dr. Larson’s research interests include thrombophilias and recurrent spontaneous abortions, education on medical problems in pregnancy, palpitations in pregnancy, preeclampsia and tolerance to paternal antigens. Under the supervision of Dr. Larson, Powrie and Rosene-Montella, the fellows of the division have been very productive this past year. Dr. Sia, Dr. Powrie, and Dr. Larson have completed a 200 participant project examining the incidence of deep venous thrombosis after cesarean delivery. Dr. Sia (Fellow), Dr. Rosene Montella and Dr. Powrie have completed a 1000 patient chart review over a ten-year period to describe the consults for which obstetricians seek the help of general internists. Dr. Blackburn (Fellow) and Dr. Powrie are half way through a 200 participant study examining the use of spot urine protein to creatinine ratios as compared to 24-hour urines to diagnose proteinuria in the setting of suspected pre-eclampsia. Dr. Sauve (Fellow) and Dr. Powrie are near completion of a 100 participant project looking at the use of educational materials to help improve knowledge, decrease anxiety, and improve compliance in patients with suspected pre-eclampsia. The division is also part of a multicenter, randomized trial, looking at standard versus low molecular weight heparin for thromboprophylaxis in pregnancy. The division has also submitted its first RO3 grant this year seeking funding for an expanded study looking at the incidence of and risk factors for TED after cesarean section.

FACULTY MEMBERS OF STUDY SECTIONS AND ADVISORY COMMITTEES

Lucia Larson, M.D.
- Executive Committee of Society of Obstetric Medicine
- Honorary Chairman, Physicians’ Advisory Board, National Republican Congressional Committee. 2002

Raymond Powrie, M.D.
- Secretary/Treasurer Society of Obstetric Medicine

Karen Rosene Montella, M.D.
- Editor, Journal of Obstetrics and Gynaecology
- Advisory Committee of the Department of Health and Human Services (HHS)
- Consultant, Pregnancy Labeling Subcommittee of the Reproductive Health Drugs Advisory Committee, Food & Drug Administration
- Executive Committee of the International Society of Obstetric Medicine
- State of Rhode Island, Department of Health Advisory Committee of the Office of Women’s Health

TEACHING ACTIVITIES

EDUCATION HONORS

Lucia Larson, M.D.
- Obstetric Medicine Teaching Award, Women & Infants Hospital, June 2002

Raymond Powrie, M.D.
- David E. Rogers Medical Education Award from the Society of General Medicine for a workshop presented in San Diego in April 2001
- Special Recognition Teaching Award for the workshop “Medical Problems in Pregnancy for the Medical Care Provider” in November 2001 from the Harvard Medical School Primary Care Course sponsored by the Massachusetts General Hospital
TEACHING RESPONSIBILITIES

Lucia Larson, M.D.
• BioMed 282, small group sessions
• Affinity Group, Alternative Medicine
• Biomed 340, Medical Consultation in Obstetrics & Gynecology

Raymond Powrie, M.D.
• BioMed 282
• Affinity group
• Clerkships
• BioMed 490 Informal curriculum (literature and medicine) session during ob/gyn & medicine clerkship
• Clinical years book club

CLINICAL ACTIVITIES

During the time of June 02 – May 03, the Division has provided consultation to 2250 inpatients at Women & Infants Hospital. The Division’s outpatient practice in Internal Medicine & Obstetric Medicine consultation provided care to 4651 patients, most of which were consultations for the Ob/Gyn physicians.

Our clinicians see patients for such diagnoses as thrombosis in pregnancy, cardiac disease in pregnancy, headaches, palpitations, hypertension and asthma. We often follow patients with chronic medical problems throughout their pregnancy and also do preoperative medical evaluations for patients anticipating surgery. We also offer preconception counseling for women with medical problems who are considering pregnancy.

SELECTED PUBLICATIONS


OBSTETRIC AND CONSULTATIVE MEDICINE FELLOWSHIP PROGRAM

<table>
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<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
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<tr>
<td>Winnie Sia, M.D.</td>
<td>University of Alberta</td>
<td>Internal Med. Residency</td>
<td>Continuing Fellow, Graduating 6/03</td>
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<td></td>
<td>School of Medicine</td>
<td>University of Alberta</td>
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<tr>
<td>Sonya Vora, DO</td>
<td>Univ. of New England</td>
<td>Internal Med. Residency</td>
<td>Robert Wood Johnson Hospital in New Jersey</td>
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<td></td>
<td>College of Osteopathic Medicine</td>
<td>Univ. of Connecticut</td>
<td>Graduated 6/02</td>
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<tr>
<td>Catherine Blackburn, M.D.</td>
<td>University of Auckland School of Medicine</td>
<td>Royal Australasian College of Physicians</td>
<td>Continuing fellow</td>
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<tr>
<td>Nadine Sauve, M.D.</td>
<td>Univ. of Sherbrooke</td>
<td>Internal Med. Residency</td>
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<td>University of Sherbrooke</td>
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Electronic Peer-Reviewed Publications


Overview
2001-2002

This academic year has been one of great achievement for the Division of Pulmonary and Critical care Medicine. In November, 2001 the Division Director, Dr. Sidney Braman (Professor of Medicine) was inaugurated as the President of the American College of Chest Physicians (ACCP), the largest international organization of physicians caring for diseases of the chest. In addition, Dr. Sharon Rounds (Professor of Medicine) was elected as Secretary-Treasurer of the American Thoracic Society (ATS). The ATS is a highly respected academic society with members throughout the world. The annual meeting attracts the best scientific presentations on clinical and basic science subjects of Pulmonary and Critical Care Medicine. Her current position automatically puts her on a track to become President of the ATS in four years. Also we were pleased to learn that Dr. Mitchell Levy (Associate Professor of Medicine), Director of Critical Care Services at the Rhode Island Hospital has been named the 2002 recipient of the Crister Grevnik Memorial Award from the Society of Critical Care Medicine for his work in Ethics in Medicine. This year the Medical ICU of the Rhode Island Hospital, under Dr. Levy’s leadership was named as one of the top 11 ICUs in the country by the National Coalition on Health Care and the Institute for Healthcare Improvement.

The academic year has been one of great change. Two of our members have left Brown to assume prestigious teaching positions at other institutions. Dr. Nicholas Hill has been appointed Division Director at the Tufts Medical School and Dr. Aidan O’Brien has been appointed to the position of Consultant in the Irish Health System. The nurturing academic environment at Brown has allowed these two faculty members to advance their careers with these prestigious appointments.

The Division is pleased to announce that we have recruited Dr. Michael Stanchina from Harvard University to join the staff at the Rhode Island Hospital. Dr. Stanchina studies various aspects of sleep disorder breathing and will offer our division great depth in the research arena. Also, Dr. Patricia Russo-Magno, a former fellow in the Brown Division of Pulmonary and Critical Care Medicine, has joined the clinical faculty at the Memorial Hospital.
Our current Fellows have had a highly productive year. In the New England Research Competition among all of the programs in the New England states, three finalists from our program were chosen and, Dr. Radhika Verma won Third Prize in the competition with her work entitled “The effect of sleep apnea therapy on glycemic control of type II diabetics”. This year, three of our fellows presented their research at the ATS meeting in Atlanta Georgia.

The Division again participated in the National Resident Matching Program for Pulmonary and Critical Care Medicine. We had one of the most successful matches ever. Two of the fellows who matched were from our Brown internal medicine residency program. Two other fellows are now training at the Beth Israel-Deaconess Hospital in Boston.

2002-2003

This academic year has been one of high national and international profile for the division. Dr. Sharon Rounds has assumed the position of president-elect of the American Thoracic Society. At the same time Dr. Sidney Braman has stepped down as president of the American College of Chest Physicians and assumed the role of immediate past president. Both physicians have taken active roles in representing their societies on a national and international level. For example, both participated in a joint meeting of the National College of Chest Physicians and Indian Chest Society in Jaipur, India in November of 2002. Both were keynote speakers at the meeting delivering honorary lectures to the nearly 2,000 participants at the meeting. They have been active in intersociety relationships, dealing with the AMA and the NIH on issues advocating for the pulmonary and critical care physician. Dr. Braman attended the AMA Leadership Conference in Chicago in 2002 and Dr. Rounds was a member of the Scientific Advisory Board for the Parker B. Francis Foundation fellowship. She also served as a member of a study section of the NHLBI and a reviewer for their loan repayment program. Dr. Mitchell Levy was chairman of a multisociety consensus conference and national initiative in sepsis education in critical care. He is a leader of the Surviving Sepsis Campaign, a patient oriented program. He also served as a NIH panel member for the ARDSNet. He serves on the Society of Critical Care Medicine Executive Committee and is a member of the Robert Wood Johnson consensus group on managing death in the ICU. He is a member of the American Thoracic Society Task Force on End-of-life Care. Dr. Richard Millman is co-chair of the joint NIH-American Academy of Pediatric Task Force on Sleepiness in Adolescents and Young Adults.

He has been named to the American Thoracic Society Audit and Finance Committee. Dr. Elizabeth Harrington has served as a panel member of the USAMRMC/CDMRP Breast Cancer Program and the American Heart Association Northeast Research Program.

Two new members of the division were recruited this year. Dr. Muhanned Abu-Hijleh has joined the division and will bring to this region, for the first time, the credentials of an interventional pulmonologist. He is a former fellow of the Brown program and following his fellowship attended courses in Hemer, Germany at the “Lungenklinik Hemer” with Dr. L. Freitag. He has learned specialized techniques that particularly pertain to problems of patients with pulmonary malignancy. He will do medical thoracoscopy and a variety of rigid and flexible bronchoscopic procedures that he has learned through his additional training. Dr. Kevin Dushay is the second new member of our division recruited this year from a Brown search. He is a former fellow and faculty member at the Beth Israel Deaconess Department of Medicine. He then went to St. Vincent’s Hospital in Worcester where for the last several years he has served as a teaching attending in pulmonary and critical care medicine. His research interests are in critical care medicine and he will direct the neurosurgical intensive care training program at Rhode Island Hospital.

Two physicians this year were honored to be named to the list of “America’s Top Doctors”. Dr. Sidney Braman was named in pulmonology and Dr. Richard Millman was named in pulmonology and sleep medicine.

The division continued to receive research recognition in the way of external funding. Drs. Rounds, Klinger, Harrington, Ward, Levy and Millman have all successfully competed for external funding to support the research activities of the division. The division again participated in the National Resident Matching Program for pulmonary/critical care medicine. We had another successful year with fellows matched from our Brown program; Henry Ford Hospital, Beth Israel Deaconess, and the Yale affiliated Norwalk Hospital in New Haven, Connecticut.
Faculty Members

FULL-TIME FACULTY
(Hospital or Foundation Based)

Muhanned Abu-Hijleh, M.D., Clinical Assistant Professor of Medicine, Rhode Island Hospital, University Medicine Foundation
Alice Bonitati, M.D., Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Sidney Braman, M.D., Director, Professor, Rhode Island Hospital, University Medicine Foundation
*E. Jane Carter, M.D., Assistant Professor, Miriam Hospital, University Medicine Foundation
Vera DePalo, M.D., Associate Professor, Memorial Hospital
Kevin Dushay, M.D., Assistant Professor of Medicine, (pending), Rhode Island Hospital, University Medicine Foundation
Allan Erickson, M.D., Associate Professor, VA Medical Center
Elizabeth Harrington, Ph.D., Assistant Professor, VA Medical Center
Nicholas Hill, M.D., Professor, Rhode Island Hospital
Brian Kimble, M.D., Clinical Instructor, Rhode Island Hospital, University Medicine Foundation
Mallik Karamsetty, Ph.D., Assistant Professor, Rhode Island Hospital
James Klinger, M.D., Associate Professor, VA Medical Center, University Medicine Foundation
Naomi Kramer, M.D., Clinical Assistant Professor, Rhode Island Hospital
Mitchell Levy, M.D., Associate Professor, Rhode Island Hospital, University Medicine Foundation
F. Dennis McCool, M.D., Professor, Memorial Hospital
Richard Millman, M.D., Professor, Rhode Island Hospital, University Medicine Foundation
Aidan O’Brien, M.D., Assistant Professor, VA Medical Center
Annie Lin Parker, M.D., Assistant Professor, Memorial Hospital
Sharon Rounds, M.D., Professor, VA Medical Center
Michael L. Stanchina, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation
Tihomir Stefanec, M.D., Assistant Professor, Memorial Hospital
Eleanor Summerhill, M.D., Assistant Professor, Memorial Hospital
Nicholas Ward, M.D., Assistant Professor, Rhode Island Hospital, University Medicine Foundation

*Joint Appointment in Infectious Disease

VOLUNTEER FACULTY

Darryl Adler, M.D., Clinical Assistant Professor, Memorial Hospital
Bernard Cieniawa, D.O., Clinical Instructor, FAHO
William Corrao, M.D., Clinical Professor, Rhode Island Hospital
R. William Corwin, M.D., Clinical Assistant Professor, Rhode Island Hospital
Walter Donat, M.D., Clinical Associate Professor, Rhode Island Hospital
David Ettenson, M.D., Clinical Associate Professor, Memorial Hospital
Ronald Gilman, M.D., Clinical Assistant Professor, Miriam Hospital
John Ladetto, M.D., Clinical Instructor, Memorial Hospital
Daniel Lederer, M.D., Clinical Assistant Professor, Miriam Hospital
Curtis Mello, M.D., Clinical Assistant Professor, Rhode Island Hospital
James Myers, M.D., Clinical Associate Professor, Miriam Hospital
Linda Nici, M.D., Clinical Assistant Professor, Rhode Island Hospital
Guy Settipane, M.D., Clinical Instructor, Rhode Island Hospital
Charles Sherman, M.D., MPH, Clinical Associate Professor, Miriam Hospital
Joseph Tarpey, M.D., Clinical Assistant Professor, Miriam Hospital
Joel Weltman, M.D., Ph.D., Clinical Professor, Rhode Island Hospital
John F. Zwetchkenbaum, M.D., Clinical Instructor, Memorial Hospital

ADJUNCT FACULTY

Joseph Meharg, M.D., Adjunct Assistant Professor, Roger Williams Medical Center
Michael Passero, M.D., Adjunct Associate Professor, Roger Williams Medical Center
### FACULTY TRANSITIONS

#### Departing Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>New Position</th>
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<tbody>
<tr>
<td>Nicholas Hill, M.D.</td>
<td>Professor, Rhode Island Hospital</td>
<td>Chief, Pulmonary, Critical Care &amp; Sleep Division, Tufts-New England Med. Ctr.</td>
</tr>
<tr>
<td>Aidan O’Brien, M.D.</td>
<td>Assistant Professor, VA Medical Center</td>
<td>Consultant in the Irish Health System</td>
</tr>
<tr>
<td>Naomi Kramer, M.D.</td>
<td>Assistant Professor, RIH</td>
<td>Private Practice, Providence, RI</td>
</tr>
<tr>
<td>Mallik Karamsetty, Ph.D.</td>
<td>Assistant Professor, RIH</td>
<td>Relocated to South Carolina</td>
</tr>
<tr>
<td>Darryl Adler, M.D.</td>
<td>Clinical Assistant Professor, Memorial</td>
<td>Relocated to New York</td>
</tr>
<tr>
<td>Dana Crino, M.D.</td>
<td>Clinical Assistant Professor, Memorial</td>
<td>Mayo Clinic, Minnesota</td>
</tr>
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#### New Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Former Position</th>
<th>Faculty Rank</th>
</tr>
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<tbody>
<tr>
<td>Muhanned A. Abu-Hijleh, M.D.</td>
<td>Pulmonary/Critical Care Fellow</td>
<td>Clinical Assistant Prof. of Medicine</td>
</tr>
<tr>
<td>Brian A. Kimble, M.D.</td>
<td>Fellowship RIH 2001-02</td>
<td>Clinical Instructor, RIH</td>
</tr>
<tr>
<td>Kevin M. Dushay, M.D.</td>
<td>St. Vincent’s Hospital, U Mass Med. School, Worcester, MA</td>
<td>Assist. Prof. of Medicine (pending)</td>
</tr>
<tr>
<td>Michael L. Stanchina, M.D.</td>
<td>Brigham &amp; Women’s Hospital</td>
<td>Assistant Professor of Medicine</td>
</tr>
<tr>
<td>Tihamir Stefanec, M.D.</td>
<td>Fellow, Cornell U, Memorial Sloan-Kettering Cancer Ctr.</td>
<td>Assistant Professor of Medicine</td>
</tr>
<tr>
<td>John Ladetto, M.D.</td>
<td>Fellowship RIH 1998-01</td>
<td>Clinical Instructor, Memorial</td>
</tr>
<tr>
<td>Robert Westlake, M.D.</td>
<td>Fellowship Harvard Medical School 7/98-6/01</td>
<td>Clin. Assist. Prof., Memorial</td>
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</table>

### National and International Honors and Recognition of Faculty

#### Muhanned A. Abu-Hijleh, M.D.
- Attended pulmonary interventional medicine courses in Hemer, Germany at “Lungenklinik Hemer” with Dr. L. Freitag in September 2002 and February 2003

#### Sidney S. Braman, M.D.
- Member, Board of Directors, Chest Foundation, Northbrook, IL
- President, American College of Chest Physicians, November 2001 – November 2002
- Representative, American College of Chest Physicians at the Capital Hill Caucus, Washington, DC
- Invited Participant in the American Medical Association 2002 Presidents’ Forum, Chicago, IL, July 2002
- Faculty in the American College of Chest Physicians Board Review Course, Chicago, IL, August 2002
- Visiting Professor, University of Warsaw and Polish Thoracic Society, Krakow, Poland, September 2002
- Member, National COPD Coalition, National Institutes of Health
- Co-Chairman, ACCP Symposium Medical Innovations vs. Cost Containment
- Member, Forum for International Respiratory Societies Meeting, Geneva Switzerland, January 2002
- Member, Selection Committee, GSK Pulmonary Fellowship Research Awards
• American College of Chest Physicians: Immediate Past President, Board of Regents and Executive Committee
• CHEST Foundation: Board of Trustees
• Member of the Faculty, ACCP Pulmonary Board Review Course (August 2002)
• Pulmonary Fellowship GSK Research Awards—Selection Committee
• Member of the Editorial Board of SEEK - Self assessment textbook published yearly by the ACCP (February 2003)
• Listed as one of “America’s Top Doctors” 2002

Invited Presentations:
• The Young Leadership Symposium American College of Chest Physicians Annual Meeting, November 2001
• Asian-Pacific Congress on Diseases of the Chest, Bombay, India-Honorary Chairman and lecturer, November 2001
• Attended American College of Chest Physicians, Forum for International Respiratory Societies Meeting, Geneva, Switzerland January 2002
• Society of Critical Care Medicine, San Diego, CA, January 2002
• Puerto Rican Thoracic Society, March 2002
• Co-Chair, 8th Annual Critical Care Update “Bench to Bedside: Emerging Technologies”, Newport, RI, April 2002
• Chinese Thoracic Society, Beijing, China/Guangzhou, China, April 2002
• Hong Kong/Macau Thoracic Society/ACCPR Chapter, April 2002
• Respiratory Symposium, Singapore, April 2002
• Meet-the-Professor Seminar, American Thoracic Society, Atlanta, Georgia, May 2002
• American Association of Physicians of India Annual Meeting, Chicago, IL, June 2002
• Tuscany Critical Care Society, Florence, Italy, June 2002
• 25th Anniversary Meeting Italian Chapter of the ACCP, Naples, Italy, June 2002
• Meet-the-Professor Seminar – Chaired Seminar “Medical Technology Vs Cost Containment” American College of Chest Physicians - Annual International Meeting, San Diego, CA, October 2002
• Brazil Thoracic Society Annual Meeting, Sao Paulo, Brazil, October 2002
• Combined Annual Meeting of the Indian Chest Society and the National College of Chest, Jaipur, India, November 2002
• American College of Physicians-American Society of Internal Medicine 2003 Annual Session, San Diego, CA, April 2003
• Meet-the-Professor Seminar, American Thoracic Society, Seattle, WA, May 2003

Vera A. DePulo, M.D.
• National Leadership Award, Honorary Co-Chairman, RI, National Physician’s Advisory Board
• Rhode Island Medical Review Advisory Committee (2002-present)
• Governor, Rhode Island Chapter American College of Chest Physicians (2002-present)
• Board of Directors, American Lung Association., RI Chapter (2002-present)
• Reviewer, CHEST, Journal of the American College of Chest Physicians (2002-present)
• Reviewer, Journal of the American Geriatric Society (2003-present)
• Society of Critical Care Medicine, Continuing Education Committee (2003-2006)
• American Thoracic Society, Membership Committee (2002-present)

Invited Presentations:
• Rhode Island Society for Respiratory Care, Annual Convention and Exhibition, April 2002
• 9th Annual Update. The New England Chapter-Society for Critical Care Medicine, April 2002
• Medical Grand Rounds, Memorial Hospital of Rhode Island
• Rhode Island Society for Respiratory Care, Annual Meeting
• Medical Grand Rounds, Memorial Hospital of Rhode Island
• Medical Grand Rounds, Memorial Hospital of Rhode Island
• Medical Grand Rounds, Memorial Hospital of Rhode Island

Elizabeth O. Harrington, Ph.D.
• Panel Member, USAMRMC/CDMRP Breast Cancer Research Program, 2001
• Organizer, Research Seminar Series for the Brown University Graduate Program in Pathobiology, 2000–2003
• Panel Member, American Heart Association, Northeast 5B Research Program, 2002
• Member, Committee on the Status of Women, Brown University, 2002–2005
• Panel Member, American Heart Association, Northeast 5B Research Program, April 2003 Ad hoc Reviewer, Respiratory Physiology Study Section, NIH NHLB, June 2003
• Member, Committee on the Status of Women, Brown University 2002-2005
Invited Presentations:

- Surgical Research Seminar, Department of Surgery, Brown Medical School, October 2001

James R. Klinger, M.D.

- Pulmonary Circulation Program Committee, American Thoracic Society, 2002-2003

Invited Presentations:

- Medical Grand Rounds, Charlton Memorial Hospital, New Bedford, MA, October 2001
- Society of Critical Care Medicine - Annual meeting, San Diego, CA, January 2002
- Society of Critical Care Medicine - Annual meeting, San Diego, CA, January 2002
- Research Conference, Tufts University/New England Medical Center, May 2002

Mitchell M. Levy, M.D.

- Presidential Citation Award, Society of Critical Care Medicine, 2000, 2001
- Christer Grenvik Memorial Award for Ethics in Critical Care Medicine, Society of Critical Care Medicine, January 2002
- Rhode Island MICU (Director): National Coalition on Health Care and the Institute for Healthcare Improvement, recognition as one of the top eleven ICUs in the U.S. for exceptional quality of care, January 2002
- Letter of Commendation, the CHEST Foundation, 2001
- Council member, the governing body of the Society of Critical Care Medicine, term 2/2002-2/2005
- Chair, Disease Management Summer Conference: joint effort between the Society of Critical Care Medicine and the European Society of Intensive Care Medicine for education and critical care, 2001

Invited Presentations:

- Medical Grand Rounds, “Sepsis 2001,” SUNY Downstate Medical Center, NY, August 2001
- Medical Grand Rounds, “Update on Management of Sepsis,” New York Hospital, Queens, NY, October 2001
- Medical Grand Rounds, “Compassionate Palliative Care in the ICU,” University of Pittsburgh, Pittsburgh, PA, October 2001
- National Initiative in Sepsis Education, Houston, TX, November 2001
- Ethics Conference (keynote speaker), Paris, France, November 2001
- Sepsis Consensus Conference, Washington, DC, December 2001
- Surgical Grand Rounds, Stonybrook Hospital, Long Island, NY, January 2002
- Regions Hospital, Grand Rounds, St. Paul, MN, January 2002
- 31st Critical Care Congress, Society of Critical Care Medicine, January 2002
- Infectious Disease Division, Buffalo, NY, February 2002
- Western New York Pulmonary/Critical Care Society, Buffalo, NY, February 2002
- Internal Medicine Department, Buffalo General Hospital, Buffalo, NY, February 2002
- Sixth Annual Winter Oncology Conference, Whistler, British Columbia, Canada, February 2002
- Yale State Chest Conference, Yale/New Haven Medical Center, Yale University Medical School, New Haven, CT, February 2002
- Robert Wood Johnson ICU Peer Group for End-of-Life Care Meeting (Chair), Chicago, IL, February 2002
- Brookdale Memorial Hospital, Patchogue, NY, February 2002
- 22nd International Symposium on Intensive Care and Emergency Medicine, Brussels, Belgium, March 2002
- Sepsis Legislative Breakfast, Washington, DC, April 2002
- Co-Director, 8th Annual Critical Care Update, *Bench to Bedside: Emerging Technologies in Critical Care Medicine*, Newport, RI, April 2002
- 2002 National Initiative in Sepsis Education Faculty Training Session, Phoenix, AZ, April 2002
- Critical Care Advisory Board, Boston, MA, May 2002
- JCAHO ICU Core Measure Advisory Panel, Chicago, IL, May 2002
• Medical Grand Rounds, Dartmouth/Hitchcock Medical Center, Lebanon, NH, May 2002
• Pulmonary Grand Rounds, Brookdale University Hospital, Brooklyn, NY, June 2002
• National Initiative in Sepsis Education Consensus Conference, San Diego, CA, March 2001
• Sepsis Consensus Conference, Washington, DC, December 2001
• SCCM 2002 Disease Management Summer Conference, Sepsis: Pathophysiologic Insights and Current Management, Boston, MA, Definitions of Sepsis Revisited: Results of the SCCM/ESICM/ACCP/ATS Consensus Conference; June 2002
• National Initiative in Sepsis Education Critical Care Symposium, Duke University/Raleigh-Durham, NC, July 2002
• Surviving Sepsis Campaign meeting, New York, NY, August 2002
• ARDSNet Panel (NIH), Chairman, Washington, DC, August 2002
• SCCM Executive Committee and Council Meeting, Chicago, IL, September 2002
• 15th Annual Congress European Society Critical Care Medicine, Barcelona, Spain New generation cardiac monitoring: Principles, practice and performance; Sep/Oct 2002
• NAPCON National Conference on Pulmonary Disease, Jaipur, INDIA, Mechanical Ventilation in ARDS; November 2002
• Westchester Medical Center, New York NY, Medical Grand Rounds, November 2002
• Robert Wood Johnson/Promoting Excellence in End-of-Life Care NAC Site Visit Meeting, Princeton, NJ, November 2002
• National Initiative in Sepsis Education Critical Care Symposium, John Hopkins Hospital and Health System, Baltimore, M.D., December 2002
• Surviving Sepsis Campaign initiative, New York, NY, December 2002 and Amsterdam, Netherlands, January 2003
• VHA Health Foundation Patient Safety Meeting, Providence, RI, December 2002
• Medical Grand Rounds, Newport Hospital, Newport, RI, December 2002
• 5th Annual Mechanical Ventilation and Sleep Conference: Today’s Breakthroughs for Tomorrow’s Treatment, Braintree, MA, High Frequency Ventilation; December 2002
• Grand Rounds, St. Luke's/Roosevelt Hospital Medical Center, New York, NY, January 2003
• 32nd Congress Society of Critical Care Medicine, San Antonio, TX, Early Goal Directed Therapy and Management of the Septic Patient (Sepsis Treatment and Management: An Evidence Based Review); Ethics: End-of-Life Care (End-of-Life Care in the ICU: Strategies for Getting Better); New Data on Current Practices; New Developments in Cutting Edge Therapies (Surviving Sepsis Campaign); January 2003
• Speaker Program and Medical Grand Rounds, Carolina’s Medical Center/Northeast Medical Center, Concord, NC, February 2003
• Bimonthly Department of Medicine Meeting, Good Samaritan Hospital, West Islip, NY, February 2003
• International Consensus Conference in Intensive Care Medicine/Challenges in End-of-Life Care in the ICU, Brussels, Belgium, April 2003
• SCCM Council Meeting, Chicago, IL, May 2003
• Summit on ICU Quality and Cost/Chicago. Enhancing EOL Care in a Medical ICU Through Computer-Based Quality Improvement, May 2003
• Grand Rounds, New Jersey Medical School/University Hospital, May 2003
• Value, Ethics, and Rationing in Critical Care Task Force, Seattle, Washington, May 2003
• New Definitions of Sepsis, Sicily, Italy, June 2003

F. Dennis McCool, M.D.
• Board of Directors, American Lung Assoc. of Rhode Island

Invited Presentations:
• Mount Sinai Medical Center, New York, NY, July 2001
• American College of Chest Physicians, Annual Meeting, Philadelphia, PA, November 2001
• Family Care Grand Rounds, St. Joseph Hospital, Providence, RI, February 2002
• SCI Research Rounds, VA Medical Center, Bronx, NY, May 2002
• Allergy/Immunology Grand Rounds, Brown Medical School, Providence, RI, June 2002
Aidan D. O’Brien, M.D.
• Secretary-elect, Rhode Island Thoracic Society, 2001-2002

Invited Presentations:
• American College of Chest Physicians Annual Meeting, Chicago, IL, November 2001
• Grand Rounds, Upstate Medical Center, Syracuse, NY, November 2001
• Medical Grand Rounds, Limerick Regional Hospital, University of Limerick, Ireland, December 2001

Richard P. Millman, M.D.
• Co-chair, Joint Task Force, National Center for Sleep Disorders Research (NIH) and the American Academy of Pediatrics on sleep in adolescents and young adults
• Listed as one of “America’s Top Doctors”
• American Thoracic Society Audit and Finance Committee

Invited Presentations:
• American Academy of Pediatrics Annual Meeting, Boston, MA, October 2002
• Visiting Professor, North Shore - Long Island Jewish Health System, Manhasset, NY, March 2003

Annie L. Parker, M.D.

Invited Presentations:
• “Airway reactivity to methacholine is a minor determinant of bronchodilator responsiveness,” Symposium on airway hyperresponsive, International Conference of the American Thoracic Society, Atlanta, GA, May 2002
• “Beta-agonist responsiveness after methacholine-induced bronchoconstriction is not affected by aging,” International Conference of the American Thoracic Society, Atlanta, GA, May 2002
• International Conference of the American Thoracic Society, Seattle, WA, May 2003

Sharon Irene Smith Rounds, M.D.
• Associate Dean for Medical Faculty Affairs, Brown Medical School, 2001
• Member, Joint Workforce Coordinating Committee of Committee on Pulmonary and Critical Care Manpower (COMPACCS) for American Thoracic Society, 1999-2001
• Chapter Representative, RI Thoracic Society, 2000-2001
• Member, Taskforce for Clinicians, American Thoracic Society, 2000-
• Secretary-Treasurer, American Thoracic Society, 2001-2002
• Vice-President, American Thoracic Society, 2002-03
• Elected Member, Medical Faculty Executive Committee, Brown University School of Medicine, 1999-2001

American Thoracic Society:
• Vice-President, 2002-03
• Chair, Program and Budget Committee, 2002-03
• Member, Planning Committee, 2002-03
• Member, Audit and Finance Committee, 2002-03
• Chair, Audit and Finance Committee, 2003-04
• President-Elect, 2003-04
• Reviewer, Am J Molecular and Cell Physiology, 2003-
Liaison Committee on Medical Education, Georgetown University School of Medicine, February 23-26, 2003
• Co-Chair, Search Committee for Director of Research, The Rhode Island Hospital, 2003-
• Chair, Search Committee for Chief of Pulmonary, Providence VA Medical Center, 2003-
• Member, Search Committee for the Director of the Leadership Alliance, Brown University, 2002
• Chair, Task Force for Review of the Charge of the Committee on Medical Faculty Appointments, 2002-
• Member, Search Committee for the Chief of Staff, Providence VAMC, 2003-
• Chair, Search Committee for Associate Dean for Clinical Faculty, 2002-03
• Chair, Search Committee for Associate Dean for Women in Medicine, 2002-03

Invited Presentations:
• FASEB Conference on Biological Methylation, Saxtons River, VT, July 2001
• Central Society for Clinical Research, Chicago, IL, September 2001
• Society for Critical Care Medicine, San Diego, CA, January 2002
• “Faculty Development Workshop,” Brown University School of Medicine, March 2002
• National Coalition of 100 Black Women, Providence, RI, April 2002
• “The Status of Women Medical Faculty at Brown”, Senior Female Medical Faculty Meeting, Brown University, June 2002
• FASEB Conference on Small GTPases and Cell Dynamics, Snowmass, Colorado, July 2002
Research and Other Scholarly Activities

Faculty Members of Study Sections and Advisory Committees

Sidney S. Braman, M.D.
- Abstract Reviewer, Fellowship Award Committee, GSK Pulmonary Fellow Grant-in-Aid, February 2002
- Representative of the National Forum on Chronic Obstructive Pulmonary Disease - NIH

Elizabeth O. Harrington, Ph.D.
- Panel Member, USAMRC/CDMRP Breast Cancer Research Program, 2001
- Organizer, Research Seminar Series for the Brown University Graduate Program in Pathobiology, 2001-2003
- Panel Member, American Heart Association, Northeast 5B Research Program, 2002
- Member, Committee on the Status of Women, Brown University, 2002-2005

James R. Klinger, M.D.
- Steering Committee, INO Therapeutics, Comparison of prostacyclin and nitric oxide for inhalation in the evaluation of reactivity of the pulmonary vasculature during acute pulmonary vasodilator testing
- Grant Reviewer, Florida Department of Health, Biomedical Research Grants, Tampa Bay, May 3-4, 2001

Mitchell M. Levy, M.D.
- Joint Commission on Accreditation of Healthcare Organizations Intensive Care Unit (ICU) Core Measure 15-member Advisory Panel for developing core measures for assessment of quality ICU care, March 2002 – present
- CHEST Annual Scientific Program, Annual College of Chest Physicians, 2001
- Advisory Board Member, National Initiative in Sepsis Education, December 2000 – present

Sharon Irene Smith Rounds, M.D.
- Member, Scientific Advisory Board for the Parker B. Francis Foundation Fellowships, Francis Families Foundation, 2000-present
National Institutes of Health:
• Reviewer, Loan Repayment Program, NLHBI, 2002
• Member, Pulmonary IRG Study Section Boundaries Team, NHLBI, October, 2002.
• Reviewer, Loan Repayment Program, NHLBI, 2003.

Francis Families Foundation
• Member, Scientific Advisory Board for Parker B. Francis Foundation Fellowships, 2000-2003

TEACHING ACTIVITIES

EDUCATION HONORS
William M. Corrao, M.D.
• Excellence in Teaching Award, Brown Medical School, May 2002
Vera A. DePaolo, M.D.
• Dean’s Teaching Excellence Award, Brown Medical School
Walter E. Donat, M.D.
• 2001 Chairman’s Award, Department of Medicine, Brown Medical School, May 2002
Allan D. Erickson, M.D.
• 2001 Chairman’s Award, Department of Medicine, Brown Medical School, May 2002
Annie L. Parker, M.D.
• Dean’s Teaching Excellence Award, Brown Medical School
Sharon Irene Smith Rounds, M.D.
• Dean’s Teaching Excellence Award, 2001,2002
Nicholas S. Ward, M.D., FCCP
• Dean’s Teaching Excellence Award, Brown University School of Medicine, 2001,2002

TEACHING RESPONSIBILITIES
Alice E. Bonitati, M.D.
• Attending Teaching Rounds: Pulmonary Consultation Service and Respiratory Intensive Care Unit
• Elective 329 (Pulmonary Diseases) Teaching Attending
• Brown University Chest Conference
E. Jane Carter, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Preceptor for the Tuberculosis Clinic (Pulmonary, infectious disease and pediatric Infectious disease fellows)
• Lecturer - Housestaff Conferences at Rhode Island Hospital, Miriam Hospital and the VA Medical Center on tuberculosis
• Brown University Chest Conference
William M. Corrao, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Attending Teaching Rounds - Pulmonary Consultation Service and Respiratory Intensive Care Unit
• Elective 329 (Pulmonary Diseases) Teaching Attending
• Brown University Chest Conference
Dana Crino, M.D.
• Attending Teaching Rounds - Medical Intensive Care Unit
• Biomed 301: Clerkship in Medicine: Preceptor and lecturer

Vera A. DePalo, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Lecturer - Critical Care Lecture Series at RIH
• Attending Teaching Rounds - Medical Intensive Care Unit
• Biomed 281: Pathophysiology: Lecturer and small group leader; Director of the Pulmonary Section
• Biomed 301: Clerkship in Medicine: Preceptor and lecturer
• Biomed 337: Intensive Care Medicine (PMH): Director
• Brown University Chest Conference

Walter E. Donat, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Lecturer - Housestaff Medical Noon Conference
• Attending Teaching Rounds - Pulmonary Consultation Service and Respiratory Intensive Care Unit
• Elective 329 (Pulmonary Diseases) Teaching Attending
• Brown University Chest Conference

Allan Erickson, M.D.
• Attending Teaching Rounds - Internal Medicine Service, Pulmonary Consultation Service and Medical Intensive Care Unit
• Site Director for Medical Residency Program at the VAMC
• Lecturer - Medical Noon Conference
• Brown University Chest Conference
• Biomed 281 Pathophysiology - Course Director (Small group section leader)
• Medicine Clerkship at the VAMC—Preceptor, Case Book Discussant and Leader of Chest Radiology Conference Series

Elizabeth O. Harrington, Ph.D.
• Lecturer - Biomed 285: Research Topics in Pathobiology (Seminar)

James R. Klinger, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Lecturer - Critical Care Lecture Series
• Lecturer - Housestaff Medical Noon Conference
• Attending Teaching Rounds - Medical Intensive Care Unit, Pulmonary Consultation Service and Respiratory Intensive Care Unit.
• Electives 329 & 334 (Pulmonary Diseases and Medical Intensive Care) Teaching Attending
• Brown University Chest Conference

Mitchell M. Levy, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Attending Teaching Rounds - Medical Intensive Care Unit
• Lecturer - Critical Care Lecture Series
• Elective 334 (Medical Intensive Care) Teaching Attending
• Medical Informatics - Teach medical skills to all Internal Medicine housestaff; introduce clinical information systems in the ICU to all housestaff; teach severity scoring and automated data entry to housestaff and medical students
• Ethics Lectures - MICU ethics conference every month coordinated with nursing Leadership

F. Dennis McCool, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Attending Teaching Rounds - Pulmonary Consultation Service
• Brown University Chest Conference

Aidan D. O’Brien, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Lecturer - Housestaff Medical Noon Conference
• Attending Teaching Rounds - Pulmonary Consultation Service and Medical Intensive Care Unit
• Electives 329 & 334 (Pulmonary Diseases and Medical Intensive Care) Teaching Attending
• Brown University Chest Conference

Richard P. Millman, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Lecturer - Biomed 281: Pulmonary Pathophysiology
• Small Group Leader - Biomed 281: Pulmonary Pathophysiology
• Presenter at Noontime Teaching Conference
• Attending Teaching Rounds - Pulmonary Consultation Service and Medical Care Unit
• Brown University Chest Conference

Annie L. Parker, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Lecturer - Biomed 285: Research Topics in Pathobiology (Seminar)

Tihomir Stefanec, M.D.
• Attending Teaching Rounds - Pulmonary Consultation Service

Eleanor Summerhill, M.D.
• Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
• Lecturer - Critical Care Lecture Series at RIH
• Attending Teaching Rounds - Pulmonary Consultation Service and Medical Intensive Care Unit
• Lecturer - Biomed 282: Pathophysiology - Small group leader
• Series of teaching lectures to third-year students at Memorial Hospital
• Brown University Chest Conference
Nicholas S. Ward, M.D.
- Associate Program Director, Brown University School of Medicine, Department of Pulmonary, Critical Care, and Sleep Medicine, 2001
- Lecturer - Introductory Lecture Series for new pulmonary/critical care medicine fellows
- Lecturer - Housestaff Medical Noon Conference
- Lecturer - Critical Care Lecture Series
- Attending Teaching Rounds: Pulmonary Consultation Service, Medical Intensive Care Unit and Respiratory Intensive Care Unit teaching fellows, residents and students
- Lecturer - Biomed 281: Pulmonary Pathophysiology
- Elective 334 (Medical Intensive Care) Teaching Attending

Robert Westlake, M.D.
- Attending Teaching Rounds - Medical Intensive Care Unit
- Brown University Chest Conference
- Medical Residents Noon Conference
- Pulmonary & Critical Care Medicine Fellowship

### PULMONARY FELLOWSHIP PROGRAM

#### Departing Fellows

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
<th>Post Graduate Plans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Muhanned A. Abu-Hijleh, M.D.</td>
<td>University of Jordan</td>
<td>Brown Medical School Internal Medicine (MEM)</td>
<td>Currently attending physician at RIH and doing further study in interventional pulmonology</td>
</tr>
<tr>
<td>Nadia Angov, M.D.</td>
<td>University of Maryland</td>
<td>York Hospital, York, PA</td>
<td>Currently in practice at Atlantic General Hospital, Berlin, M.D.</td>
</tr>
<tr>
<td>Bilal K. Chaudhry, M.D.</td>
<td>Albany Medical College</td>
<td>Crozer Chester Medical Center, Upland, PA</td>
<td>Currently in private practice in Lancaster, PA</td>
</tr>
<tr>
<td>Ravi Desai, M.D.</td>
<td>SUNY Buffalo</td>
<td>SUNY Buffalo</td>
<td>Currently doing a one-year critical care fellowship at the University of Rochester, Rochester, NY</td>
</tr>
<tr>
<td>Kristina Kramer, M.D.</td>
<td>Medical College of PA</td>
<td>Brown Medical School Internal Medicine (MEM)</td>
<td>Currently in private practice in Walnut Creek, CA</td>
</tr>
<tr>
<td>Timothy N. Liesching, M.D.</td>
<td>SUNY Buffalo</td>
<td>Beth Israel Deaconess Medical Center</td>
<td>Currently in private practice in Pawtucket, RI</td>
</tr>
<tr>
<td>Obeidah Masoudi, M.D.</td>
<td>University of Jordan</td>
<td>Brown Medical School Internal Medicine (MEM)</td>
<td>Will be returning to Jordan to practice pulmonary/critical care/</td>
</tr>
<tr>
<td>Ioana R. Preston, M.D.</td>
<td>Carol Davila School of Medicine</td>
<td>Brown Medical School Internal Medicine (RIH)</td>
<td>Currently affiliated with Tufts New England Medical Center</td>
</tr>
<tr>
<td>Radhika Verma, M.D.</td>
<td>Lady Hardinge Medical College</td>
<td>St. Mary’s Health Center, St. Louis, MO</td>
<td>Currently in private practice in Orlando, FL</td>
</tr>
</tbody>
</table>

#### Current Fellows

<table>
<thead>
<tr>
<th>Name</th>
<th>Medical School</th>
<th>Residency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jason Aliotta, M.D.</td>
<td>Tufts University</td>
<td>Beth Israel Deaconess Medical Center</td>
</tr>
<tr>
<td>Nadia Angov, M.D.</td>
<td>University of Maryland</td>
<td>York Hospital, York, PA</td>
</tr>
<tr>
<td>Michael Baram, M.D.</td>
<td>Jefferson Medical College</td>
<td>Christiana Care Health System, Newark, DE</td>
</tr>
<tr>
<td>Gerardo Carino, M.D.</td>
<td>Brown University</td>
<td>Brown Medical School (RIH) – Internal Medicine</td>
</tr>
<tr>
<td>Ravi K. Desai, M.D.</td>
<td>SUNY Buffalo</td>
<td>SUNY Buffalo</td>
</tr>
<tr>
<td>Charles Lee, M.D.</td>
<td>Jefferson Medical College</td>
<td>Brown Medical School (RIH) – Internal Medicine</td>
</tr>
<tr>
<td>Timothy N. Liesching, M.D.</td>
<td>SUNY Buffalo</td>
<td>Beth Israel Deaconess Medical Center</td>
</tr>
<tr>
<td>Obeidah M. Masoudi, M.D.</td>
<td>King Edward Medical College</td>
<td>Brown Medical School (MEM) – Internal Medicine</td>
</tr>
<tr>
<td>Michael J. Ryan, M.D.</td>
<td>Medical College of VA</td>
<td>Medical College of VA</td>
</tr>
<tr>
<td>Daniel F. Sousa, M.D.</td>
<td>University of VT</td>
<td>Brown Medical School (RIH) – Internal Medicine</td>
</tr>
<tr>
<td>Radhika Verma, M.D.</td>
<td>Lady Hardinge Medical College</td>
<td>St. Mary’s Health Center, St. Louis, MO</td>
</tr>
</tbody>
</table>
SELECTED PUBLICATIONS

Muhammed A. Abu-Hijleh, M.D.
• Parker AL, Abu-Hijleh MA, McCool FD. FEF25-75/FVC ratio is a determinant of airway reactivity and sensitivity to methacholine. *Chest* (in press).

Sidney S. Braman, M.D.

Vera A. DePalo, M.D.

Elizabeth O. Harrington, Ph.D.

James R. Klinger, M.D.
• Klinger JR. Inhaled nitric oxide for the treatment of ARDS. *Crit Care Clin* 2002; 18:45-68.

Mitchell M. Levy, M.D.

F. Dennis McCool, M.D.
• Parker AL, McCool FD. Pulmonary function characteristics in patients with different patterns of methacholine airway hyperreactivity. *Chest* 2002; 121: 1818-23.
• Parker AL, Abu-Hijleh MA, McCool FD. FEF25075/FVC ratio is a determinant of airway reactivity and sensitivity to methacholine. *Chest* (in press).

**Richard P. Millman, M.D.**
• Millman, RP (Editor), Sleep Disorders Issue, Medicine & Health/Rhode Island 2002; 85:81-100.

**Annie L. Parker, M.D.**
• Parker AL, McCool FD. Pulmonary function characteristics in patients with different patterns of methacholine airway hyperreactivity. *Chest* 2002; 121: 1818-23.
• Parker AL, Abu-Hijleh MA, McCool FD. FEF25075/FVC ratio is a determinant of airway reactivity and sensitivity to methacholine. *Chest* (in press).

**Sharon Rounds, M.D.**

**Michael L. Stanchina, M.D.**

**Nicholas S. Ward, M.D.**
### BASIC RESEARCH

**Elizabeth Harrington, Ph.D.**
- Endothelium Barrier Function Modulation by PKCdelta, National Institutes of Health

**Nicholas Hill, M.D.**
- Natriuretic Peptides and the Lung, NIH/National Heart Lung & Blood Institute

**Mallik Karamesetty, Ph.D.**
- Phytoestrogens Attenuate Hypoxia-Induced Pulmonary Hypertension, American Heart Association

**James Klinger, M.D.**
- Chronic Lung Disease, Cor Pulmonale, and Natriuretic Peptides, American Heart Association
- Mechanisms of Hypoxia-Induced Natriuretic Peptide Secretion in the Isolated Rat Heart, American Heart Association

**Sharon Rounds, M.D.**
- Rho and Ras GTPase and Lung Endothelial Apoptosis, National Institutes of Health
- Focal Adhesion Complexes and Lung Endothelial Apoptosis, National Institutes of Health
- Short Term Training for Minority Students, National Institutes of Health
- Rho and Ras GTPase and Lung Endothelial Cell Function, National Institutes of Health

### CLINICAL RESEARCH

**Sidney Braman, M.D.**
- A Double Blind, Randomized Multicenter Parallel Group Study of Levalbuterol in the Treatment of Subjects With Chronic Obstructive Pulmonary Disease, Sepracor/Parexel
- A Randomized Double Blind Placebo Controlled Parallel Group Trial Assessing Rate of Decline of Lung Function with Tiotropium 18 Mcg Capsule Once Daily in Patients with Chronic Obstructive Pulmonary Disease (COPD), Boehringer Ingelheim
- A Comparison of Ipratropium Bromide/Salbutamol Delivered by the Respimat Inhaler to Ipratropium Bromide Respimat, COMBIVENT Inhalation Aerosol and Placebo for Each Formulation in a 12 Week Double Blind Safety and Efficacy Study in Adults With Chronic Obstructive Pulmonary Disease, Boehringer Ingelheim
- A 24 Week Randomized Double Blind Placebo Controlled Parallel Group Study to Evaluate the Efficacy, Smith Kline Beecham Pharmaceuticals
- Montelukast Sodium (SINGULAIR) Use In Patients With Stable COPD and Mild Asthma, Merck Research Laboratories
- Bronchopulmonary Pharmacokinetic and Pharmacodynamic Profile of Moxifloxacin, Levofloxacin and Azithromycin in Adults Undergoing Diagnostic Bronchoscopy, Bayer Corporation

**Vera DePalo, M.D.**
- International Trial of Platelet Activating Factor Acetylhydrolase in the Treatment of Severe Sepsis, ICOS Corporation

**Nicholas Hill, M.D.**
- An International Multicenter, Uncontrolled, IPen Evaluation of Chronic UT-15 Plus Conventional Therapy, United Therapeutics
- A Randomized Double Blind Placebo Controlled Safety and Efficacy Study of Sitaxsentan Sodium Treatment, OCOS-Texas Biotechnology
• A Phase II Multicenter Randomized Double-Blind Placebo-Controlled Parallel-Group Dose-Ranging Evaluation, Suntory Pharmaceuticals Incorporated/PPD

James Klinger, M.D.
• A Phase 3 Study to Demonstrate the Safety and Efficacy of Recombinant Platelet-Activating Factor Ace Inhibitor, ICOS Corporation/PPD
• Development of a Hospital Based Program for the Use of Nitric Oxide for Inhalation in the Chronic Management of Severe Cardiopulmonary Diseases, INO Therapeutics Incorporated
• Pulmonary Hemodynamic Effects of B-Type Natriuretic Peptide Infusion in Patients With Pulmonary Arterial Hypertension, Scios Nova, Incorporated

Mitchell Levy, M.D.
• ICU Peer Group for End-Of-Life Care, Robert Wood Johnson Foundation
• An Open-Label Study of Recombinant Human Activated Protein C in Severe Sepsis, Eli Lilly and Company
• Multicenter Double Blind Placebo Controlled Randomized Phase III Study of Tifacogin Recombinant Tissue, Chiron Corporation
• Efficacy and Safety of r-HuEPO in the Critically Ill Patient: A Randomized Double-Blind Placebo Controlled Trial, Ortho Biotech
• Measuring the Quality of End-Of-Life Care in the Intensive Care Unit, Robert Wood Johnson Foundation
• Increasing Organ Donation by Enhancing End-of-Life Care: A Family-Centered Quality Improvement Program, Education Development Center

Dennis McCool, M.D.
• Anabolic Therapies: New Hope for Treating the Secondary Disabilities of SCI, VA Merit Review
• Stage Based Health Promotion with the Elderly, National Institutes of Health

Richard Millman, M.D.
• Awake Chaotic Breathing Patterns as a Predictor of Obstructive Sleep Apnea, Vanguard Technologies, LLC
• Motivating Adherence to CPAP in Obstructive Sleep Apnea, Brown University
• Randomized Double Blind placebo Controlled Parallel Multi Center Trial Comparing the Effects of Orally Administered Xyrem (Solium Oxybate) with Placebo for the Treatment of Narcolepsy, Orphan Medical Incorporated
• Sleep Apnea in Show Participants, University of Pennsylvania/nhlbi

Aidan O’Brien, M.D.
• Bronchopulmonary Pharmacokinetic and Pharmacodynamic Profile of Moxifloxacin, Levofloxacin and Azithromycin in Adults Undergoing Diagnostic Bronchoscopy, Bayer Corporation

Eleanor Summerhill, M.D.
• A Two-Year, Multi-Site Family Study to Identify the Genetic Determinants Associated with Susceptibility to Chronic Obstructive Pulmonary Disease, GlaxoSmithKline
Overview

The Division of Rheumatology is involved primarily in clinical activities, diagnosing and treating patients with rheumatic diseases including arthritis and connective tissue diseases. The Division also participates in clinical research including the RADIUS trial, a prospective observational outcomes trial of patients with rheumatoid arthritis. Educational activities included noon conferences and medical grand rounds on subjects relating to rheumatic diseases. In September 2002, Dr. Wendy Silversmith joined the rheumatology division as a full time attending. Her patient care responsibilities include an outpatient practice, precepting in the rheumatology clinic and seeing hospital consults. Her teaching responsibilities include the Brown Medical school pathophysiology course and housestaff conferences at Rhode Island Hospital.

Faculty Members

FULL TIME FACULTY
(Hospital or Foundation Based)

• Stuart Schwartz, M.D., Director, Clinical Assistant Professor, Rhode Island Hospital, University Medicine Foundation
• Wendy Silversmith, M.D. Clinical Instructor, Rhode Island Hospital, University Medicine Foundation

VOLUNTEER FACULTY

• Yousaf Ali, M.D., Clinical Instructor, Rhode Island Hospital
• John Conte, M.D., Clinical Assistant Professor, Rhode Island Hospital
• Faiza Estrup, M.D., Ph.D., Clinical Associate Professor, Memorial Hospital
• Harold Horwitz, M.D., Clinical Assistant Professor, Miriam Hospital
ADJUNCT FACULTY

• David Kadmon, M.D., Clinical Assistant Professor of Medicine, Roger Williams Medical Center
• Edward V. Lally, M.D., Associate Professor of Medicine, Boston University, Roger Williams Medical Center
• Bernard Zimmermann, M.D., Adjunct Associate Professor, Roger Williams Medical Center

FACULTY TRANSITIONS

NEW FACULTY

Wendy Silversmith, M.D.
- Rheumatology Fellowship, Roger Williams Medical Center/Rhode Island Hospital

Research and Other Scholarly Activities

RADIUS clinical trial, a prospective observational outcomes trial of patients with rheumatoid arthritis.

RHEUMATOLOGY FELLOWSHIP PROGRAM

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<thead>
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<th>Name</th>
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<tr>
<td>Victoria Michaels, M.D.</td>
<td>SUNY Syracuse Medical School</td>
<td>Brown Internal Medicine, Rhode Island Hospital</td>
<td>Rheumatology practice, Albany, NY</td>
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<tr>
<td>Lisa Harrington, M.D.</td>
<td>Boston University Medical School</td>
<td>Northwestern University Residency in Internal Medicine</td>
<td>Rheumatology Practice, Warwick, RI</td>
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<tr>
<td>Wendy Silversmith, M.D.</td>
<td>SUNY Stony Brook Medical School</td>
<td>Brown Internal Medicine, Rhode Island Hospital</td>
<td>University Medicine Foundation Academic Practice, Division of Rheumatology, Rhode Island Hospital</td>
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<td>Harald Alexander Hall MD</td>
<td>The Chicago Medical School</td>
<td>Boston University Medicine Residency, Roger Williams Medical Center</td>
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<td>Brenda Burke, DO</td>
<td>University of New England College of Osteopathic Medicine</td>
<td>Boston University Medicine Residency, Roger Williams Medical Center</td>
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<tr>
<td>Julia Circiumaru, M.D.</td>
<td>Carol Davila University of Medicine Bucharest, Romania</td>
<td>Danbury Hospital Residency in Internal Medicine</td>
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</table>
(below) Daniel M. Goodenberger, MD, Chief, Division of Medical Education, John Milliken Department of Medicine, Medical Director, Hereditary Hemorrhagic Telangiectasia Center, Professor of Medicine, of Medicine, St. Louis, Missouri. (bottom) Dr. Goodenberger presents “Current Understanding of Hereditary Hemorrhagic Telangiectasia” at Rhode Island Hospital Grand Rounds.
July 2001 – June 2003

July 10, 2001  “Geriatrics Update”, Robert S. Crausman, M.D., Assistant Professor of Medicine, Brown Medical School

July 17, 2001  “CT and Chest X-Ray Screening for Lung Cancer: Survival, Mortality, and Policy”, Gary M. Strauss, M.D., MPH, Assistant Professor of Medicine, Harvard Medical School

July 24, 2001  Morbidity & Mortality Conference – “A 21-Year-Old Man from Guatemala with Fever, Ear Pain, and Headaches”, Presenter: Jeanne Oliva, M.D., Clinical Instructor of Medicine, Brown Medical School. Panelists: John Lonks, M.D., Assistant Professor of Medicine, Brown Medical School; Marjorie Murphy, M.D., Clinical Assistant Professor of Surgery, Brown Medical School; John Duncan, III, M.D., Ph.D., Assistant Professor of Clinical Neurosciences, Brown Medical School

July 31, 2001  “Tactics and Strategies in the Management of Rheumatoid Arthritis”, Daniel A. Albert, M.D., Associate Professor of Medicine, University of Pennsylvania

September 11, 2001 Neurology Update – “Management of Asymptomatic Carotid Stenosis”, J. Donald Easton, M.D., Professor and Chairman, Department of Clinical Neurosciences, Brown Medical School

September 25, 2001  “Is Weight Loss Beneficial for Preventing Diabetes and its Macrovascular Complications?”, Rena R. Wing, Ph.D., Professor of Psychiatry and Human Behavior, Brown Medical School

October 2, 2001  “Pulmonary Complications of HIV Infection in the Era of Highly Active Antiretroviral Therapy (HAART)”, Mark J. Rosen, M.D., Professor of Medicine, Albert Einstein College of Medicine

October 9, 2001  “Brown-Kenya Medical Exchange Program: Lessons For and From Both Worlds”, E. Jane Carter, M.D., Clinical Assistant Professor of Medicine, Brown Medical School

October 16, 2001  “The Relationship Between the Pharmaceutical Industry and Physicians: Ethical Problems”, Richard L. Allman, M.D., Associate Professor of Medicine, Temple University School of Medicine; Herbert Rakatansky, M.D., Clinical Professor of Medicine, Brown Medical School; Fred J. Schiffman, M.D., Professor of Medicine, Vice Chairman of Medicine, Brown Medical School

October 23, 2001 Nutrition Update – “Nutritional Support”, Jorge E. Albina, M.D., Professor of Surgery, Brown Medical School

October 30, 2001  “Biological Warfare, Bioterrorism and Defense”, Andrew W. Artenstein, M.D., FACP, Clinical Assistant Professor of Medicine, Brown Medical School

November 6, 2001  “What the Internist Needs to Know about Colorectal Cancer”, Robert J. Mayer, M.D., Professor of Medicine, Harvard Medical School
November 13, 2001 Obstetric Medicine Update – “Thrombotic Disease in Pregnancy”, Karen Rosene Montella, M.D., Associate Professor of Medicine and Obstetrics and Gynecology, Brown Medical School

“Cholestasis of Pregnancy”, Catherine Nelson-Piercy, M.D., Consultant Obstetric Physician, Whipps Cross Hospital, Guy’s & St. Thomas’ Hospitals, London, England. (Dr. Nelson-Piercy’s visit is paid for by a Brown University lectureship committee project entitled “Visiting Professor in Obstetric Medicine” with funds from the “C.V. Starr Foundation Lectureship Fund”)

“Update on Hypertensive Disorders of Pregnancy”, Raymond O. Powrie, M.D., Associate Professor of Medicine and Obstetrics and Gynecology, Brown Medical School

November 27, 2001 Morbidity & Mortality Conference – Case 1: “A 72-Year-Old Man with Alcohol Use, Leg Pain and Falling”; Case 2: “A 63-Year-Old Man with GI Bleeding and a Lung Mass on Chest X-Ray”. Panelists: William Corrao, M.D., Clinical Professor of Medicine, Brown Medical School; Brian Murphy, M.D., Assistant Professor of Diagnostic Imaging (Clinical), Brown Medical School; Edward Marcaccio, Jr., M.D., Assistant Professor of Surgery, Brown Medical School; Michael Stein, M.D., Associate Professor of Medicine, Brown Medical School

December 4, 2001 2nd Annual Pearl Kameny Lectureship in Geriatric Medicine – “Biomedical Research in the Nursing Home: Lessons Learned & Future Opportunities to Improve Life for Vulnerable Elders”, Lewis A. Lipsitz, M.D., Professor of Medicine, Harvard Medical School. (This lectureship is funded through a generous gift from Dr. Melvyn and Mrs. Joan Gelch in honor of her mother. Acknowledgment also given to Steere House Nursing and Rehabilitation Center and CareLink for their support of this program.)

December 11, 2001 Urology Update – “Current Perspectives in Urology: BPH”, Terence N. Chapman, M.D., Assistant Professor of Surgery, Brown Medical School

“Brief Overview of the Treatment of Female Urinary Incontinence”, Young H. Kim, M.D., Assistant Professor of Surgery, Brown Medical School

“Advances in Prostate Cancer”, August Zabbo, M.D., MBA, Associate Professor of Surgery, Brown Medical School

December 18, 2001 “Socialized Medicine: The Good and The Bad – A Report from the United Kingdom”, H. Denman Scott, M.D., MPH, FACP, Professor of Medicine and Community Health, Brown Medical School


“Management of the Chronic Lower Extremity Wound”, Jeffrey Weinzweig, M.D., Assistant Professor of Surgery, Brown Medical School

January 15, 2002 “Thalassemia Syndromes – Lessons from Molecular Medicine’s Index Case”, Edward J. Benz, Jr., M.D., Richard and Susan Smith Professor of Medicine, Professor of Pediatrics, Professor of Pathology, Harvard Medical School

January 22, 2002 “Kuru and Mad Cow Disease”, G. Richard Olds, M.D., The Linda and John Mellowes Professor and Chair, Department of Medicine, Medical College of Wisconsin, Adjunct Professor, Department of Medicine, Case Western Reserve University

February 5, 2002  Morbidity & Mortality Conference – “End of Life and Pain Management”, Presenter: Muhammed Akhtar, M.D., Panelists: Joan Teno, M.D., Associate Professor of Community Health and Medicine, Brown Medical School; Thomas Bledsoe, M.D., Clinical Assistant Professor of Medicine, Brown Medical School; Fred Vohr, M.D., Clinical Assistant Professor of Medicine, Brown Medical School

February 12, 2002  “Helicobacter pylori: Ecology of a Gastric Organism”, Martin J. Blaser, M.D., The Frederick H. King Professor and Chairman, Department of Medicine, Professor of Microbiology, New York University School of Medicine

February 19, 2002  “Immunomodulation: An Approach to Inflammatory Diseases of the Peritoneum”, Dennis L. Kasper, M.D., Executive Dean for Academic Programs, Professor of Microbiology and Molecular Genetics, Harvard Medical School

February 26, 2002  Allergy Update – “Management of Anaphylaxis”, Russell A. Settipane, M.D., Clinical Assistant Professor of Medicine, Brown Medical School

March 5, 2002  “Update on Management of Hypertension in Diabetes”, Sharon Anderson, M.D., Professor of Medicine, Oregon Health Sciences University

March 12, 2002  Infectious Diseases Update – “Resistant Pneumococcus: Watch Out!”, John R. Lonks, M.D., Assistant Professor of Medicine, Brown Medical School

March 19, 2002  Case Management Conference – Case 1: “A 44-Year-Old Woman with Right Sided Mid-Lower Abdominal Pain of 4 Days Duration”, Douglas Shemin, M.D., Clinical Associate Professor of Medicine, Brown Medical School; Timothy Murphy, M.D., Associate Professor of Diagnostic Imaging, Brown Medical School

Case 2: “A 31-Year-Old Male with 5 Weeks of Proximal Muscle Weakness and 5 Days of Worsening Dyspnea”, Yousaf Ali, M.D., Clinical Instructor of Medicine, Brown Medical School; Selina Cortez, M.D., Assistant Professor of Pathology & Laboratory Medicine, Brown Medical School

March 26, 2002  “Treating Hyperlipidaemia: What to do if the Statins Fail”, Paul D. Thompson, M.D., FACSM, Professor of Medicine, University of Connecticut School of Medicine

April 2, 2002  “Transfusion & Thrombophilia: 2002”, Joseph D. Sweeney, M.D., Associate Professor of Medicine, Pathology and Laboratory Medicine, Brown Medical School

April 9, 2002  “New Treatment Strategies in the Treatment of Septic Shock”, Steven M. Opal, M.D., Professor of Medicine, Brown Medical School

April 16, 2002  “Controversies in the Management of Nosocomial Pneumonia”, Michael S. Niederman, M.D., FACP, FCCP, FCCM, Professor of Medicine, Health Science Center, State University of New York at Stony Brook

April 23, 2002  Combined Update in Cardiology & Endocrine – “Diabetes and The Heart”, Marc Laufgraben, M.D., Assistant Professor of Medicine, Brown Medical School; David Williams, M.D., Professor of Medicine, Brown Medical School; Athena Poppas, M.D., Assistant Professor of Medicine, Brown Medical School
April 30, 2002
Gastroenterology Update – “Management of H. Pylori Infection – Who, How and Why”, Steven F. Moss, M.D., Associate Professor of Medicine, Brown Medical School

“NERD: Is your patient overly sensitive?”, Harlan G. Rich, M.D., Associate Professor of Medicine, Brown Medical School

“Nonalcoholic Steatohepatitis and Insulin Resistance”, György Baffy, M.D., Ph.D., Assistant Professor of Medicine, Brown Medical School

May 7, 2002
“The New Stem Cell Biology”, Peter J. Quesenberry, M.D., Professor of Medicine, Boston University School of Medicine

May 14, 2002
Hematology/Oncology Update – “Pancreatic Cancer Update”, Howard Safran, M.D., Associate Professor of Medicine, Brown Medical School

“Chronic Myelogenous Leukemia: A Model Disease for Targeted Therapy”, Alan Rosmarin, M.D., Associate Professor of Medicine, Brown Medical School

May 21, 2002
2nd Annual Grace McLeod Rego Memorial Lecture – “The Academy at Harvard Medical School”, George E. Thibault, M.D., Professor of Medicine, Harvard Medical School

June 4, 2002
Genetics Update – “Overview of Clinical Genetics”, and “Hereditary Cancers: Breast/Ovarian Cancer Syndrome and Hereditary Nonpolyposis Colorectal Cancer”, Dianne N. Abuelo, M.D., Associate Professor of Pediatrics, Brown Medical School

June 11, 2002
“Legionnaires’ Disease: New Insights and Controversies”, Victor L. Yu, M.D., Professor of Medicine (with tenure), University of Pittsburgh School of Medicine

June 18, 2002
“Current Concepts in Primary Prevention of Sudden Cardiac Death”, Alfred E. Buxton, M.D., Professor of Medicine, Brown Medical School

June 25, 2002
Case Management Conference – “A 19-year-old male with flu-like gastrointestinal illness, weakness, and lightheadedness”, James V. Hennessey, M.D., Associate Professor of Medicine, Brown Medical School

“A 31-year-old male construction worker with fever of two weeks duration along with a productive cough and headaches”, Staci A. Fischer, M.D., Assistant Professor of Medicine, Brown Medical School

July 9, 2002
Psychiatry Update – “Update on Treatment of Cognitive Deficits of Alzheimer’s Disease”, Richard J. Goldberg, M.D., Professor, Department of Psychiatry and Human Behavior, Brown Medical School

“Combining Pharmacology and Psychotherapy in the Treatment of Depression. When to do what?”, Gabor I. Keitner, M.D., Professor, Department of Psychiatry and Human Behavior, Brown Medical School

July 16, 2002
“Atrial Fibrillation and Flutter: Current Understanding of Mechanisms and Contemporary Management”, Gregory Michaud, M.D., Assistant Professor of Medicine, Brown Medical School, Malcolm M. Kirk, M.D., Assistant Professor of Medicine, Brown Medical School

July 23, 2002
“Contemporary Management of Acute Coronary Syndromes”, George McKendall, M.D., Associate Professor of Medicine, Brown Medical School

July 30, 2002
“Cryptogenic Stroke and PFO Closure”, Thomas M. Drew, M.D., Clinical Associate Professor of Medicine, Brown Medical School

September 10, 2002
“New Developments in Infectious Diseases”, Robert C. Moellering, Jr., M.D., Herrman L. Blumgart Professor of Medicine, Harvard Medical School
September 17, 2002  
Nephrology Update – “Recent Developments in Renal Replacement Therapy (RRT) of Acute Renal Failure”, Douglas Shemin, M.D., Clinical Associate Professor of Medicine, Brown Medical School, “Hyperhomocysteinemia in Chronic Renal Disease: The Chronic Renal Transplantation ‘Model’”, Andrew G. Bostom, M.D., Associate Professor of Medicine, Brown Medical School

September 24, 2002  
“Methods of Science and Science of Medicine”; Ralph I. Horwitz, M.D., Harold H. Hines, Jr. Professor of Medicine and Epidemiology, Yale University School of Medicine

October 1, 2002  
“The Reach of Vaccines”, Adel A. Mahmoud, M.D., Ph.D., Adjunct Professor of Medicine, Case Western Reserve University

October 8, 2002  
Psycho-Social Update – “Update on Domestic Violence for Practitioners”, Susan J. Duffy, M.D., MPH, Assistant Professor of Pediatrics, Brown Medical School

“Are You Competent to Assess Competency?”, Tomas A. Bledsoe, M.D., FACP, Clinical Associate Professor of Medicine, Brown Medical School

October 22, 2002  

Case 2: “A 21-year-old male presenting with a large cavitary lung mass”, Panelists: William Corrao, M.D., Gerald Abbott, M.D., Staci Fischer, M.D.

October 29, 2002  
“The Asthma Epidemic: Is it Genes, the Environment, or Both?”, Scott T. Weiss, M.D., MS, Professor of Medicine, Harvard Medical School, Professor of Environmental Health (Epidemiology), Harvard School of Public Health

November 5, 2002  

Case 2: “An 80-year-old white female with mental status changes and back pain”, Presenter: Michael Maher, M.D., Panelists: Staci Fischer, M.D., Jeff Rogg, M.D.

November 12, 2002  
Pulmonary Update – “Pulmonary Hypertension Update”; James R. Klinger, M.D., Associate Professor of Medicine, Brown Medical School

“Lung Cancer Update”, Muhammed A. Abu-Hijleh, M.D., Teaching Fellow, Pulmonary and Critical Care Medicine, Brown Medical School

November 19, 2002  
The Galkin Lecture – “Case Studies in HIV”, Merle A. Sande, M.D., Professor of Medicine, and the Clarence M. and Ruth N. Birrer Presidential Endowed Chair in Internal Medicine, University of Utah School of Medicine

November 26, 2002  
“Patient Safety: How Do We Recognize & Reduce Our Mistakes?”, Alan S. Kliger, M.D., Clinical Professor of Medicine, Yale University School of Medicine

December 3, 2002  
Surgery Update – “Update on Carotid Surgery”, Jeffrey M. Slaiby, M.D., Assistant Professor of Surgery, Brown Medical School

“Update in Bariatric Surgery”, G. Dean Roye, M.D., Assistant Professor of Surgery, Brown Medical School

“Update on Hemorrhoidal Surgery”; Fabio M. Potenti, M.D., Assistant Professor of Surgery, Brown Medical School
December 10, 2002  The 3rd Annual Pearl Kameny Lectureship in Geriatric Medicine – “Improving Long-term Care in the U.S.”, Joseph G. Ouslander, M.D., Professor of Medicine, Emory University School of Medicine, Professor, Adult and Elder Health, Nell Hodgson Woodruff School of Nursing


Case 2: “A 36-year-old white male with weight loss, fevers and flash pulmonary edema”, Presenter: Brian Kimble, M.D., Panelists: Athena Poppas, M.D., Wendy Clough, M.D.

January 7, 2003  Neurology Update – “Blood Pressure, Stroke and PROGRESS”, J. Donald Easton, M.D., Professor and Chairman, Department of Clinical Neuroscience, Brown Medical School

“Epilepsy Update: The Refractory Patient”, Andrew S. Blum, M.D., Ph.D., Assistant Professor of Clinical Neuroscience, Brown Medical School

“Migraine”, Syed A. Rizvi, M.D.

January 14, 2003  “Physical Diagnosis: Still a Tool for Our Times?”, Jack Ende, M.D., Professor of Medicine, University of Pennsylvania School of Medicine

January 21, 2003  “Coronary Intervention: 2003”, David O. Williams, M.D., Professor Medicine, Division of Biological and Medical Sciences, Brown Medical School


Case 2: “A 63-year-old male presents after a fall and was found to be tachypneic”, Presenter: Michael Maher, M.D., Panelists: J. Gary Abuelo, M.D., James Klinger, M.D.

February 4, 2003  “The Healthier Berkshires: Progress Toward a Healthier Community”, A. Gray Ellrodt, M.D., Professor of Medicine, UMASS Medical School

February 11, 2003  Endocrine Update – “Update on Postmenopausal Osteoporosis”, Geetha Gopalakrishnan, M.D., Assistant Professor of Medicine, Brown Medical School

“Combination Therapy for Type 2 Diabetes”, Marc J. Laufer, M.D., Clinical Assistant Professor of Medicine, Brown Medical School

February 25, 2003  “Current Management of Atrial Fibrillation and Flutter – Impact of Recent Clinical Trials”, Alfred E. Buxton, M.D., Professor of Medicine, Brown Medical School

March 4, 2003  “Pre-Operative Therapy for Stage I/II Breast Cancer: An Opportunity for Clinical Research”, Eric P. Winer, M.D., Associate Professor of Medicine, Harvard Medical School

March 11, 2003  ENT Update – “Functional Endoscopic Sinus Surgery”, Robert G. McRae, M.D., Clinical Assistant Professor, Department of Surgery, Division of Otolaryngology, Brown Medical School, Adjunct Assistant Clinical Professor, Department of Otolaryngology, Tufts University School of Medicine

“Cochlear Implantation in Rhode Island”, Brian E. Duff, M.D., Assistant Clinical Professor of Otolaryngology – Head and Neck Surgery, Brown Medical School, Assistant Professor of Otolaryngology – Head and Neck Surgery, Tufts University School of Medicine

“Hoarseness”, Charles M. Ruhl, M.D., Associate Clinical Professor, Department of Otolaryngology – Head and Neck Surgery, Tufts University School of Medicine
March 18, 2003  “Targeted Therapy in Leukemia”, Richard M. Stone, M.D., Associate Professor of Medicine, Harvard Medical School

March 25, 2003  Morbidity & Mortality Conference – Case 1: “A 70-year-old male presents with SOB and acute renal failure”, Presenter: Frank Capizzo, M.D., Panelists: James Klinger, M.D., Reginald Gohh, M.D.
Case 2: “An 82-year-old female presents with ST elevation MI treated with TNK”, Presenter: Keith Landesman, M.D., Panelists: Janet Wilterdink, M.D., George McKendall, M.D.

April 1, 2003  “What You Should Know About Smallpox Vaccination”, Leonard A. Mermel, D.O., Associate Professor of Medicine, Brown Medical School, John P. Fulton, Ph.D., Clinical Associate Professor of Community Health, Brown Medical School

April 8, 2003  “Molecular Genetics of Hypertension”, Friedrich C. Luft, M.D., Professor of Medicine, Humboldt University of Berlin, Germany

April 15, 2003  “Sleep: Too Much – Too Little”, Richard P. Millman, M.D., Professor of Medicine, Brown Medical School, Michael L. Stanchina, M.D., Assistant Professor of Medicine, Brown Medical School

Case 2: “A 65-year-old woman with nausea, fever and failure to thrive”, Presenter: Sadie Peters, M.D., Panelists: Paul Akerman, M.D., Michael Stanchina, M.D., Philip Stockwell, M.D.

April 29, 2003  Rheumatology Update – “Sjögren’s Syndrome”, Stuart T. Schwartz, M.D., Clinical Assistant Professor of Medicine, Brown Medical School
“Behçet’s Syndrome: A Review”, Wendy R. Silversmith, M.D., Clinical Instructor of Medicine, Brown Medical School

May 6, 2003  “Contemporary Management of Heart Failure: Medical Therapy and Mechanical Interventions for Advanced Disease”, Philip H. Stockwell, M.D., Clinical Assistant Professor of Medicine, Brown Medical School, David DeNofrio, M.D., Associate Professor of Medicine, Tufts University School of Medicine, Adjunct Associate Professor of Medicine, Brown Medical School

May 13, 2003  The Grace McLeod Rego Memorial Lecture – “Revolutionizing the Doctor’s Black Bag: The Time is Now”, David B. Hellmann, M.D., Mary Betty Stevens Professor of Medicine, Johns Hopkins University School of Medicine

May 20, 2003  Update on Women’s Health – “Primary Prevention of Coronary Artery Disease in Women”, Anne W. Moulton, M.D., Associate Professor of Medicine, Brown Medical School
“Menopause Treatments in the Wake of WHI (Women’s Health Initiative)”, Michele G. Cyr, M.D., Associate Professor of Medicine, Associate Dean for Graduate Medical Education, Brown Medical School
“Hearts + Hormones – Discussion of the Estrogen Plus Progestin Findings of the Women’s Health Initiative”, Charles B. Eaton, M.D., Professor of Family Medicine, Brown Medical School

Case 2: “A 21-year-old African American male presenting with chest pain, night sweats, weight loss, nonproductive cough”, Presenter: Charles Tate, M.D., Panelists: E. Jane Carter, M.D., Leonard Mermel, D.O., Marilyn Weigner, M.D.

June 10, 2003  “SARS – The Next Great Pandemic?”, Leonard A. Mermel, D.O., Associate Professor of Medicine, Brown Medical School

June 17, 2003  “Low Back Pain”, Phillip R. Lucas, M.D., Assistant Clinical Professor of Orthopedics, Brown Medical School, Glenn A. Tung, M.D., Associate Professor of Diagnostic Imaging, Brown Medical School, Lewis R. Weiner, M.D., Clinical Assistant Professor of Medicine, Brown Medical School

June 24, 2003  “Update on Irritable Bowel Syndrome: What’s New and What to Do”, Arnold Wald, M.D., Professor of Medicine, University of Pittsburgh School of Medicine
CLINICAL ACTIVITY


The clinical volume for the Department of Medicine has risen steadily over the last four years. This has been true on an inpatient and outpatient basis for most of the four hospitals that we serve. Clinical volume includes 31,146 patients seen as inpatients and 348,446 outpatients. This patient volume represents an extremely strong platform on which to build our academic programs. It is also gratifying to be able to take care of that many patients in the State of Rhode Island and provide the very best care.

**Rhode Island Hospital**

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**The Miriam Hospital**

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**Memorial Hospital of Rhode Island**

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**Significant Events**

The Department of Medicine developed a new integrated Family Medicine/Internal Medicine Division of Geriatrics at Memorial Hospital of Rhode Island. The new division has ongoing primary care, consultative, nursing home, and homebound clinical programs. In addition, the division is serving as a major training site for the new Brown Geriatrics Fellowship.

**Providence Veterans Administration Medical Center**

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The Providence VA operates a Teledermatology Program to evaluate and treat patients from the Togus VA Medical Center. This medical center is the only hospital in the Brown Consortium which offers this service. The Teledermatology Program offers a unique training opportunity for dermatology residents in the Brown Medical School Program.

revised: 8/04/03
Brown University has long been regarded as a leader in all aspects of health care and teaching, including research. In 1998, the recruitment of Dr. Edward Wing as the Chief of Medicine signaled an acceleration of an already growing and expansive commitment to basic and clinical research within the Brown University Academic Medical Center Department of Medicine. Research funding within the Department of Medicine at Rhode Island Hospital, Memorial Hospital of Rhode Island, Veterans Administration-Providence and The Miriam Hospital grew from $9.9 million in 1997 to over $25.7 million in 2002 - an increase of over 150%. Over 75% of current funding comes from federal programs such as NIH, HRSA, CDC, and HHS. We expect that total research funding will be $28 million by the end of 2003.

The major research laboratories, animal facilities and centers at Brown are located among all the affiliates with Rhode Island Hospital accounting for the majority (57% of overall Department of Medicine funding). These laboratories are highlighted by the Galletti Research Building, a 60,000+ square foot research facility, which houses the Liver Research Center, Diabetes Research Center, and Infectious Disease laboratories. Both basic and clinical research are well represented in the Department. For basic research, major strengths include the Liver Research Center (directed by Dr. Jack Wands, who was recently awarded a Merit Review award and a training grant in Gastroenterology from the National Institutes of Health), Diabetes Research Center (directed by Dr. Robert Smith), and Medical Oncology, which recently received a multi-million dollar COBRE grant from the National Institutes of Health for establishing a Proteomics Core laboratory and a Center for Cancer Research Development.

Clinical Research strengths include the Infectious Disease program under Dr. Timothy Flanigan, which has a major program in both domestic and international HIV/AIDS (including an NIH funded Center for AIDS Research program and T-32 Training grant from NIH), General Internal Medicine Substance Abuse Research Unit, under Dr. Michael Stein, and the Cardiology research groups under Dr. David Williams (Interventional Cardiology) and Dr. Alfred Buxton (Electrophysiology).

With ongoing recruitments for both senior and junior faculty, increasing successes of our existing faculty, and several renovation and expansion projects in the planning stages at each affiliated institution, research for the Department of Medicine should continue to grow and become even stronger in the future.
RESEARCH GROWTH FY96 - FY03

FISCAL YEAR

$0

$5,000,000

$10,000,000

$15,000,000

$20,000,000

$25,000,000

$30,000,000

$35,000,000

FY96

FY97

FY98

FY99

FY00

FY01

FY02

FY03

VA

MEM

RIH

TMH
Brown Medical School was established in 1975 and was quickly established as one of the premiere medical schools in the U.S. Brown has a unique Program in Liberal Medical Education (PLME) that identifies potential physicians in high school and adopts them into an 8-year program that blends traditional medical training with liberal arts. Brown Medical School students receive education from researchers who are at the top of their field, and physicians from any of eleven affiliated hospitals.

A unique and robust alliance exists between Brown University and the Medical School through the core biomedical sciences. The multiple disciplines are governed by a single Dean and administration providing a direct relationship between patient care and cutting-edge scientific research. This interdisciplinary approach is organized as the Division of Biology and Medicine (Biomed).

Rhode Island Hospital – Hasbro Children’s Hospital

Rhode Island Hospital (RIH), is a private, 719-bed, not-for-profit, acute care hospital and a major teaching hospital for Brown Medical School. Founded in 1863, RIH is the largest of the state’s general acute care hospitals, providing comprehensive health services.

The hospital provides comprehensive diagnostic and therapeutic services to inpatients and outpatients, with particular expertise in cardiology, oncology, neurosciences and orthopedics, as well as pediatrics at its Hasbro Children’s Hospital. RIH is also designated as the Level I Trauma Center for southeastern New England, providing expert staff and equipment in emergency situations 24 hours a day.

The state’s premier pediatric facility, Hasbro Children’s Hospital (HCH) is the pediatric division of Rhode Island Hospital. Built in 1994, the seven-story building was designed in collaboration with doctors, nurses and other health care professionals, as well as parents and children. It has earned worldwide recognition for its family-centered environment and expert staff. It has won numerous architectural and health care related awards.

HCH has the area’s only pediatric intensive care unit and pediatric oncology and cardiac programs, has separate emergency and surgical units designated for pediatric patients, and operates specialty clinics treating children ranging in age from newborn to 18 years.

Annually, the hospital cares for some 6,000 inpatients and 30,000 outpatients. The lower level of HCH provides ambulatory services in a child-friendly atmosphere including a life-sized playhouse. The pediatric emergency Department serves the needs of young trauma patients as well as children needing less acute care. The emergency Department is staffed 24 hours a day, seven days a week by specialists trained in pediatric emergency medicine and other pediatric subspecialties.
MEMORIAL HOSPITAL OF RHODE ISLAND
The Memorial Hospital of Rhode Island is a 294-bed hospital community hospital serving the Blackstone Valley and southeastern Massachusetts. Memorial Hospital is also a Brown Medical School teaching and research facility. In addition to the main campus in Pawtucket, Memorial Hospital of Rhode Island and its affiliates provide primary and ambulatory care services at sites on Quality Hill, and in Plainville, Barrington, and Central Falls. The only Rhode Island affiliate of Dana-Farber / Partners CancerCare, Memorial is home to a new state of the art cancer treatment facility.

THE MIRIAM HOSPITAL
The Miriam Hospital (TMH) is a private 247-bed, not-for-profit, acute care general hospital founded by Rhode Island’s Jewish community in 1926. The Miriam provides a broad range of primary, secondary and tertiary medical and surgical services to adolescents and adults in 31 medical and surgical specialties and sub-specialties. In addition, TMH provides a full range of cardiac, pathological and radiology services as well as psychiatric consultation/liaison services. TMH is affiliated with and serves as a major teaching affiliate of Brown Medical School.

WOMEN & INFANTS HOSPITAL OF RHODE ISLAND
Women & Infants Hospital of Rhode Island, which houses 137 single patient rooms and 120 infant bassinets, performs 70% of all obstetrical deliveries in Rhode Island, making it the state’s largest obstetrical service and the second largest service of its kind in New England. There is a large companion gynecologic service, which provides the community with a comprehensive range of medical services for women. The hospital is the southeastern New England regional center for the care of women and infants, serving a population of 1.5 million people.

PROVIDENCE VA MEDICAL CENTER
The VA Medical Center is a 230-bed facility providing acute inpatient and ambulatory care in medicine, surgery, psychiatry and neurology. The hospital admits approximately 5,000 veterans annually and provides over 150,000 outpatient visits in 41 clinics. It is a regional center for treatment of Post-Traumatic Stress Disorder. The hospital also provides special medical services in the areas of dialysis, substance abuse treatment, rehabilitative medicine, and prosthetics.