

From left to right - Jade Carter, Enrique Rivera, Eric Steen, Dr. Suzanne de la Monte, Maria Chiara Cantarini, Stephanie Soscia

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## New Research Reveals Role of Insulin in Neurodegeneration. Is This "Type III Diabetes?"

Rolf I. Carlson

Researchers in the Department of Medicine have published results of their work that has caught the attention of the world. In a paper published in *Journal of Alzheimer's disease* in the March 3, 2005 issue, the laboratory of Dr. Suzanne de la Monte has shown for the first time that impaired insulin signaling is involved in the pathogenesis of Alzheimer's Disease.

This work specifically demonstrates surprisingly that insulin is made in the brain and not just in the pancreas as previously thought. They also show that in Alzheimer's disease, insulin production in the brain is substantially reduced as

are the receptors in the brain that are needed to respond to the effects of insulin. The link established between Alzheimer's disease and substantially reduced brain levels of insulin and insulin receptors is the most significant discovery of the published research. To better characterize the nature of this discovery they have coined the term "type 3 diabetes" as a potential medical description for this Alzheimer's related phenomenon. They call it "type 3 diabetes" because, like the better known Type 1 or Type 2 conditions, it describes an abnormality in insulin biochemistry. However this time, the abnormality in insulin pro-

duction and insulin responses is confined to the brain. Since none of the patients in the study had either Type 1 or Type 2 diabetes they are then describing what is in effect a unique and different disease state – hence the proposed name "Type 3 diabetes". In this regard, there is no evidence that individuals with Type 1 or Type 2 diabetes have an increased risk of developing Alzheimer's disease.

The next steps they intend to pursue will include using experimental models to demonstrate exactly which abnormalities in Alzheimer's disease are caused by loss of brain insulin or insulin responsiveness. Further clarifying the role of insulin in neurodegeneration will help to more fully understand the pathology of Alzheimer's disease and may suggest treatment strategies that have previously not been considered ■

## Chairman's Message

Edward J. Wing, MD



I recently returned from a one-week trip to Kenya where I rounded with Brown and Kenyan students and residents, reviewed our research programs and had time to re-

fect on the training programs of both institutions. Our residents and students were remarkable. They adjusted to the Kenyan system, were wonderful teachers, took excellent care of patients, and had a good time. The faculty from Indiana University, our American partner in Kenya, asked how we have been able to attract such good residents and students over the years. The answer I believe is the com-

mitment to quality teaching by faculty who are volunteer, hospital-based and foundation-based. Our residents and students are also outstanding teachers. This commitment is rarely found in other medical schools. The resident match this year confirms our excellence and popularity. The quality of our house staff as measured by national test scores as well as our own internal quality measurements continues to rise.

The research programs continue to thrive despite the tightening of NIH funds. Research grant awards as measured by expenditures (a very conservative measure of research dollars, topped \$35 million dollars/year, a figure that puts us in the top one third of Departments of Medicine in the country. Perhaps most impressive is the percentage increase over the last 7 years, 400%.

Memorial Hospital is enjoying an exciting revitalization under the leadership of Andy Artenstein. Searches are on for key faculty members including the head

of cardiology, oncology, and general medicine. Morning report under Andy's oversight has been completely overhauled, making for a more focused and rigorous experience. Teaching rounds will likewise be restructured and improved. The partnership with Family Medicine has been successful in many areas including inpatient medicine and the Primary Care Center.

Finally, the arrival of Eli Adashi as the new dean of Brown Medical School is an exciting development in the history of the school; we're sure that he will lead us to further growth and success. We are also very pleased that Ted Lally has joined the faculty as head of Rheumatology. Ted is actively recruiting faculty and planning to build a fellowship program in Rheumatology at Rhode Island Hospital. The search for a new Director of Oncology has been generously supported by the hospitals and is in full swing.

## Dr. David Gifford Confirmed as RI Health Department Director

Dr. David Gifford, Division of Geriatrics was recently nominated by Rhode Island Governor Donald Carcieri and confirmed by the Senate to serve a five-year term as the Director of the Department of Health for the State of Rhode Island. He assumed the position on March 2, 2005.

Dr. Gifford has held numerous appointments on national and state long-term care and gerontology panels and commissions. He was named as one of the Top 5 geriatricians by Rhode Island Monthly in 2000. Dr. Gifford received his Master's of Public Health in Epidemiology from the UCLA School of Public Health and his MD from Case Western Reserve School of Medicine.

Dr. Gifford hopes to continue his academic affiliation with Brown Medical School and the Department of Medicine. We wish David the best of success in his new role.

## Richard Besdine, MD Completes Post as BMS Interim Dean of Medicine

On March 1, Richard W. Besdine, MD, Professor of Medicine and Greer Professor of Geriatric Medicine, returned full time to his responsibilities as director of the division of geriatrics in the Department, and director of the Center for Gerontology and Healthcare Research at Brown. In mid-January, Dr. Besdine completed 32 months as interim dean of medicine and biological sciences at Brown Medical School. During the interim, considerable progress was made on multiple fronts, with the support and full cooperation of President Simmons and Provost Zimmer. Medical student curriculum improvements have been launched, and additional research space, faculty positions and grant income were secured in both biology (275,000 sq. ft., 23 positions) and in public health (150,000 sq. ft., 17 positions) for the Medical School and Division of Biology and Medicine. New relationships were established with Lifespan and the other affiliated hospitals to strengthen the

deanship, and an LCME accreditation review of the Medical School was successful (8-year full accreditation). A new Department of Emergency Medicine has been launched, and search for a permanent chair is underway. Three new endowed professorships and a \$1-million scholarship endowment (the largest ever for BMS) have been established. Dr. Besdine is delighted to be back "home" in geriatrics and gerontology, and is planning for major growth in the division and the center.





*Left to Right: Michael Stanchina, MD, Associate Medical Director; Christine Masiello, Lead Secretary; William Schwartz, RRT, Director, Respiratory Care/Pulmonary Function/Sleep & Neuro Services, RIH; Alice Bonitati, MD, Staff Physician; Gerard Kipp, RPSGT, Administrative Manager; \*Salwa Khoury, President, RIH Guild; Richard P. Millman, MD, Medical Director; Laura Check, RPSGT, Operating Manager*

## The Sleep Disorders Center at Lifespan Hospitals Expands

Richard Millman, MD

The sleep section of the Division of Pulmonary, Critical Care & Sleep Disorders Medicine has significantly expanded its clinical base over the last year. Much of this expansion has involved an increase in a number of sleep monitoring beds. The Sleep Disorders center of Lifespan Hospitals has laboratory facilities at RIH, TMH and Newport Hospital. The sleep center on APC3 at Rhode Island Hospital closed in September and relocated to 70 Catamore Blvd in East Providence. The original sleep center was extremely small and had 6 sleep monitoring beds. The new facility includes almost 6000 sq.ft. and has 10 monitoring rooms. With this move, the monitoring equipment was also upgraded. State-of-the-art Sensormedics equipment was installed in

each of the 10 beds in East Providence and at the he other 2-bed facilities at The Miriam Hospital and Newport Hospital. All 14 beds are computer linked to allow for continued centralized scheduling, scoring of records, transcription and administration. In addition, a 2-bed freestanding lab, Preferred Sleep Laboratories, opened last year in West Warwick. This facility contracted with University Medicine Foundation to provide medical leadership and professional interpretation of records.

In addition to having the laboratory facilities geographically distributed throughout the State, the adults' pulmonary sleep physicians, Drs. Alice Bonitati, Michael Stanchina, and Richard Millman see patients in three loca-

tions, to improve patient access. Drs. Bonitati and Stanchina see patients on APC7 at Rhode Island Hospital. Drs. Millman and Stanchina see patients at 850 Aquidneck Avenue in Middletown, Rhode Island, and Dr. Millman sees sleep patients at 1377 South County Trail in East Greenwich, Rhode Island. The group is actively trying to hire a nurse practitioner to be the expert on nasal CPAP management.

The Sleep Disorders Center at Lifespan Hospitals, besides providing sleep studies and consultation for all aspects of sleep medicine adults, also has two other programs. Dr. Judith Owens, of the Department of Pediatrics, runs the Hasbro Sleep Clinic and the pediatric portion of

*Continued on pg 4*



Continued from pg 3

the program. Dr. Donn Posner, from the Department of Psychiatry, is the head of Behavioral Sleep Medicine. He sees private patients primarily at 235 Plain Street in Providence, but also spends one afternoon every other week seeing insomnia patients in East Greenwich. He supervises Brown University Psychology interns continually throughout the year, which allows patients to be treated behaviorally for insomnia, even if their insurance will not cover treatment. This collaboration between departments has been in existence for over 15 years and remains exceptionally strong.

There is also significant collaboration between the Department of Medicine faculty and other faculty members in the Brown community. Attempts were made to create a University-recognized joining of the diverse faculty throughout the Brown community interested in sleep and circadian rhythm. This "network" was formally submitted to the School of Medicine but was, unfortunately, put on hold with the transition in the Dean's office. This has not stopped the faculty from collaborative efforts in both research and education. Drs. Mark Aloia, Stanchina and Millman have been actively doing research on nasal CPAP compliance. Dr. Aloia's RO1 ended last month but is being extended by an unrestricted grant from Respiroics Corporation, while competitive renewal is

*The Rhode Island Hospital Guild generously awarded the Sleep Disorders Center \$100,000 for purchase of equipment.*

pending. Drs. Aloia and Stanchina are working with Dr. Sharon Rounds on a Brown-wide Department of Defense initiative. One part of this preliminary program is to investigate sleep as a vulnerability marker in soldiers before and after they have returned from combat. The Brown-wide faculty also conducted a course in May, 2004, in Newport, "Sleep and College Students", directed at physicians, nurse practitioners and psychologists at college student health services. This capitalized on the extensive research and clinical experience that has developed at Brown in regard to adolescents and college students sleep.

There are other ongoing sleep research projects. Dr. Millman is the principal investigator at Brown for the four site Sleep AHEAD Study. This is an ancillary study to a much larger Look AHEAD Study that examines the impact of weight loss and exercise on morbidity and mortality in diabetics. The grant is currently in its fourth year. Approximately 330 participants have been entered at the 4 sites, and the results are remarkable for a huge prevalence of obstructive sleep apnea in overweight dia-

betics. A competitive renewal for this grant is also being developed.

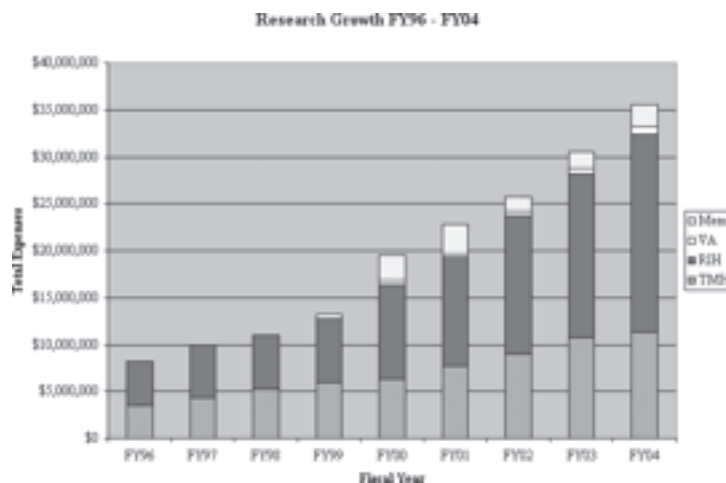
Dr. Millman has also been part of a study with Dr. Peter Friedman examining whether the lack of sleep after alcohol detox increases the likelihood of relapse. Drs. Millman, Friedman, and Michael Stein have submitted a similar grant to NIH to determine whether insomnia increases the chance of relapse in patients recently started on Methadone. Dr. Michael Stanchina has received funding from through a Lifespan Career Development Award to examine the role of endothelial dysfunction in obstructive sleep apnea. In addition, he and Kristen Ellison from Cardiology have received a grant from St. Jude's Medical to investigate the impact of Cardiac Resynchronization Therapy (BI-Ventricular pacing) on treatment of central and obstructive sleep apnea in CHF patients.

Drs. Millman, Stanchina and Bonitati are committed to education. Dr. Bonitati runs the Pulmonary Sleep Clinic at Rhode Island Hospital. Dr. Stanchina has run a course for pulmonary fellows on sleep medicine enlisting the sleep and circadian rhythms faculty throughout Brown to lecture in the course. Sleep medicine will eventually become a separate exam sponsored by the American Board of Internal Medicine, and efforts are underway to develop an accredited fellowship in Sleep Medicine within the Department of Medicine.

## Department of Medicine Research Growth

### 1996-2004

Since the recruitment of Dr. Edward Wing as the Chief of Medicine in 1998, the total research portfolio under the Brown University Academic Medical Center Department of Medicine has increased dramatically from \$9.9 million in expenses in 1997 to \$35.6 million in 2004 (see graph). This 400% growth is attributable not only to the recruitment of several outstanding faculty but the continued growth and success of long term Brown faculty based at the individual hospitals. Over 75% of this funding comes from federal sponsors such as NIH, HRSA, CDC, and DHHS. These figures represent actual total expenses, a conservative financial reporting approach.



# 11<sup>th</sup> Annual Department of Medicine Research Forum

**Dr. Eli Y. Adashi to Deliver Keynote  
Address**

**Tuesday, June 14, 2005**

The Department of Medicine Research Forum will take place on Tuesday, June 14, 2005, from 4 P.M. until 7 P.M. at Smith-Buonanno Hall and Andrews Hall on campus at Brown University. Dr. Alan G. Rosmarin, Associate Professor of Medicine is Chairman of the event.

Eli Y. Adashi, M.D., Dean of Medicine and Biological Sciences, Brown Medical School will deliver the keynote address "The Sleeping Giant: Time to Wake Up."

Members of the Department of Medicine are invited to participate in the poster session that follows the guest speaker presentation. In past years, many students, trainees and faculty from Brown University-affiliated hospitals have participated. Investigators present new posters or material that has been presented at other regional and national meetings in the past year. Beverages and hors d'oeuvres will be provided during the poster session.

Application forms for the submission of poster titles will be circulated throughout the Department and are available by email. You may email Pat O'Hara at

[PHOHara@lifespan.org](mailto:PHOHara@lifespan.org) or call her office at RIH, 444-8409, and obtain additional copies of the submission form. Deadline for submissions is June 6, 2005.

We look forward to your participation at this exciting annual event.

## PROFILES

### Endocrinology

LESLIE J DEGROOT, MD recently joined the Endocrine Division at Brown as Assistant Professor of Medicine after serving as a longstanding faculty member



at the University of Chicago. Dr DeGroot trained at Columbia P and S, and did his residency at Presbyterian (NYC) and the Massachusetts General Hospital. He served in the

Public Health Service at NIH and in Afghanistan, and spent 12 years at the Mass General and MIT before joining the Department of Medicine at Chicago. At University of Chicago he was the head of the Thyroid Study Unit, and for many years Head of the Endocrine Section. Among many awards and accomplishments, he has served as President of the American Thyroid Association and received their Distinguished Service Award and Distinguished Research Award. He has served on the Executive Council of the Endocrine Society and is an Honorary Member of the Endocrinology Section of the Royal Society of Medicine and the Japanese Endocrine Society. He has authored more than 400 research reports and chapters and 10 books.

Dr. DeGroot's research interests have recently centered on viral mediated gene therapy for thyroid cancer, and genetic mechanisms promoting autoimmune thyroid disease, the subject of his current NIH grant. His research accomplishments include purification of thyroid peroxidase and identifying it as the typical antigen in thyroid autoimmunity, recognition of the Thyroid Hormone Resistance Syndrome and cloning the mutated receptor genes involved, identification of the CTLA-4 gene as a

common contributor to many human autoimmune diseases, development of an adenoviral vector for therapy of medullary thyroid cancer, and numerous studies on therapy of thyroid cancer. Dr DeGroot is editor of the three-volume textbook "ENDOCRINOLOGY" now in its fifth edition. He also directs two websites, [WWW.ENDOTEXT.ORG](http://WWW.ENDOTEXT.ORG) and [WWW.THYROIDMANAGER.ORG](http://WWW.THYROIDMANAGER.ORG), which present freely available endocrine textbooks for MDs around the world.

### Nephrology

NATALIE H. HSU, MD joined the Department of Medicine as a clinical assistant professor in the Division of Renal Diseases in December 2004. She is a graduate of the Program in Liberal Medical Education and received her degree from Brown Medical School in 1998. She completed her internal medicine residency and Nephrology Fellowship at Rhode Island Hospital.



Dr. Hsu will have an active role in the teaching of medical students and residents both at the Miriam Hospital and Providence VA Medical Center through the in-

patient consult service. Other clinical interests include the care of chronic renal failure patients on maintenance hemodialysis.

Dr. Hsu attends the renal clinic and the chronic dialysis unit at the Providence VA Medical Center. She is also available for outpatient consultations at the Renal Division offices at Rhode Island Hospital. Dr. Hsu can be reached by phone at 444-5445, or by email at [nhsu@lifespan.org](mailto:nhsu@lifespan.org).

# Graduate Medical Education

Brown Medical School  
Internal Medicine Residency Programs  
Rhode Island Hospital – The Miriam Hospital – VA Medical Center

## 2005-2006 Chief Medical Residents Appointed

### Rhode Island Hospital - The Miriam Hospital – VAMC

It is with great pleasure that we announce the appointment of Drs. Khaled Abdel-Kader, Christine Kerr, Allison Friedenberg, Jeffrey Mazer and Daniel Selo to the position of Chief Medical Residents for the academic year 2005-2006. Not unlike other years, we have had the luxury of selecting from an outstanding group of medical residents.

**Christine A Kerr, MD**, a graduate of Amherst College with a major in anthropology, received her medical degree from the University of Buffalo in 2002. Following college, she worked at the Harvard School of Public Health, developing an interest in international health, social policy, and infectious disease in Latin America. Christine's strong interest in international health, infectious disease and research were recognized with several awards including the "Zaleski Award" for "the student who best combines high standards of academic achievement with outstanding service to the community." She has continued her interests throughout residency with travel to Kenya and the Dominican Republic. Dr. Kerr is currently a third-year resident in the Categorical Internal Medicine Residency Program and is pursuing a fellowship in Infectious Diseases.



**Khaled Abdel-Kader, MD** completed his undergraduate education at Washington University where he received a BA with honors in Philosophy and Biology in 1998. His academic achievement was recognized by induction into Phi Beta Kappa and by receiving



the Nishi-Luthra Prize, an award given to an outstanding graduating philosophy major. He went on to the UMDNJ/Robert Wood Johnson Medical School where he was selected to the Gold Humanism Honor Society in recognition of his commitment to humanistic ideals. Before graduating in 2002, Khaled regularly volunteered in the student run Homeless and Indigent Population Health Outreach Project. Dr. Abdel-Kader is currently a third year resident in the Categorical Internal Medicine Residency and will begin a Nephrology fellowship at the University of Pittsburgh Medical Center in 2006.

**Allison S. Friedenberg, MD** earned a Bachelor of Science degree Magna cum Laude in Biology at the University of Minnesota. She matriculated at the University of Wisconsin Medical School in 1998 and received her Medical Degree in 2002.



Allison's enthusiasm, sense of adventure, leadership skills and scholarly activity has earned recognition. She was the recipient of the Dr. Otto Mortensen Scholarship for Excellence in Medical Neurosciences and recipient of the Medical Student Association Leadership Award in 1999 and 2000. Allison has been and is actively involved in community service from Africa to Providence, RI. She is interested in travel, wilderness medicine, backpacking, hiking and camping, enjoys cooking and spending time with friends. Presently, Dr. Friedenberg is a PGY3 in the General Internal Medicine/Primary Care Residency Program and is planning to enter a Pulmonary/Critical Care Fellowship in 2006.

**Jeffrey Mazer, MD** completed his undergraduate education at Amherst College, graduating with a BA with a concentration in Spanish. He was awarded the Latin American Studies Certificate for extensive

study on Latin American culture, politics and society at Amherst College. He received the Delta Kappa Phi Grant for the advancement of humanities award for further research in senior thesis. In addition, Jeff served as Captain of the Men's Varsity Soccer at Amherst for both junior and senior years and received the Eli Marsh Award for spirit, determination and sportsmanship in Amherst athletics. He spent the next two years working for Talbot Perkins Children's Service interviewing and assessing individuals applying to become foster parents as well as tutoring and mentoring children in foster care. In 1998 entered Tufts University School of Medicine and received his Medical Degree in May 2002. Jeff enjoys traveling, cooking, running, basketball, soccer, golf and spending time with his family in their new home. Dr. Mazer is finishing his 3<sup>rd</sup> year as a Categorical Internal Medicine resident in this program and his objective is to continue in Pulmonary/Critical Care medicine fellowship in 2006.



**Daniel A Selo, MD** graduated from Indiana University at Bloomington with a BS degree in Anthropology/Biology in May 1998. Dan entered Indiana University School of Medicine and earned his degree in Medicine in May 2002. He was a member of Phi Beta



Kappa and the Golden Key honors organizations. Dr. Selo's academic achievements were also recognized by election to the Alpha Omega Alpha Honor Society (AOA). Dan enjoys the study of archeology, running, biking, hiking and reading. Dr. Selo is a categorical internal medicine resident in his third year and is planning to go into a Gastroenterology Fellowship.



## Memorial Hospital of Rhode Island

**Vadim Fayngersh, MD:** Vadim is a graduate of the University of Connecticut with a Bachelor Science degree in molecular and cellular biology and genetics. While in college, he was a member of the Army National Guard.



He subsequently attended the MD program in International Health and Medicine at Ben Gurion University Health Sciences. Following two years of Internal Medicine Residency training at St. Lukes-Roosevelt Medical Center in New York, he transferred to the Rhode Island Hospital/Miriam Hospital Categorical Internal Medicine Residency Program, from which he will graduate in June. Vadim is pursuing fellowship training in Pulmonary and Critical Care Medicine.

*Please join us in welcoming these outstanding individuals.*



*The Department of Medicine Newsletter is published quarterly.*

To submit an article or provide information contact Denise Lavelly-O'Hara at 444-5127, e-mail to [dlavelly-ohara@Lifespan.org](mailto:dlavelly-ohara@Lifespan.org) or contact Dan Bryant at 444-6893, e-mail to [dbryant@Lifespan.org](mailto:dbryant@Lifespan.org)

## 2005 Match Results

### Brown Medical School Internal Medicine Residency Programs

#### Rhode Island Hospital and The Miriam Hospital

##### General Internal Medicine/Primary Care Residency Program

**Jennifer Agosta**  
University of New Mexico School of Medicine  
**Luis Alfredo Nathaniel BentShaw**  
Albert Einstein College of Medicine/Yeshiva University  
**Judy L Blair**  
University of California San Francisco School of Medicine  
**Chloeanne Bompat Estrera**  
University of Virginia School of Medicine  
**Christopher James Fyock**  
Medical University of South Carolina College of Medicine  
**Sarah Ann Tapyrik**  
University of Rochester School of Medicine and Dentistry  
**Carol Lynn Touma**  
University of Kentucky College of Medicine  
**Rimini Ann Varghese**  
University of Medicine & Dentistry of New Jersey/R.W. Johnson Med School  
**Jennifer Angelique Villa**  
Temple University School of Medicine  
**Sarita Shanker Warrior**  
University of Michigan Medical School

##### Categorical Internal Medicine Residency Program

**John Robert Adams**  
University of North Carolina School of Medicine  
**Dipesh Surendra Amin**  
University of Colorado School of Medicine  
**Scott Clayton Brancato**  
Georgetown University School of Medicine  
**Marilena Caldarusa**  
Dartmouth Medical School  
**Lee Crepeau Campano**  
Rosalind Franklin University of Medicine and Science/Chicago Medical School  
**Patrick Youngwhan Chun**  
Michigan State University College of Human Medicine  
**Furha Iram Cossor**  
University of Missouri-Columbia School of Medicine  
**Ann Dennis**  
University of New Mexico School of Medicine  
**Kathleen Patricia Doyle**  
University of Connecticut School of Medicine  
**David Louis Epstein**  
University of Miami School of Medicine  
**Katherine Elizabeth Faricy**  
Jefferson Medical College of Thomas Jefferson University  
**Rebecca Lynn Fitch**  
SUNY Downstate College of Medicine  
**Ravi Gupta**  
SUNY Downstate College of Medicine  
**Jung-ah Han**  
Albert Einstein College of Medicine/Yeshiva University  
**Sameer Mustafa Jamal**  
Medical College of Virginia of Virginia Commonwealth University  
**Kristel Leigh Jernigan**  
Brody School of Medicine at East Carolina University  
**Sinan M Kutty**  
University of Medicine & Dentistry of New Jersey/R.W. Johnson Med School  
**William Anthony Lizarraga**  
University of Tennessee College of Medicine  
**Elias Elias Loukas**  
SUNY Downstate College of Medicine  
**Ryan James MacNevin**  
University of Maryland School of Medicine  
**Rupesh R Mehta**  
State University of New York at Syracuse College of Medicine  
**Jonathan Peter Nass**  
Tulane University School of Medicine

##### Reve Gamba Purisima

State University of New York at Syracuse College of Medicine  
**Natalie Nazli Ramezani**  
University of South Florida College of Medicine  
**Joyce Christine Reyes**  
University of Rochester School of Medicine and Dentistry  
**Kristin Denice Scott-Tillery**  
University of Texas Medical School at San Antonio  
**William Joseph Speicher**  
Temple University School of Medicine  
**Nicole Marie Theodoropoulos**  
University of Massachusetts Medical School  
**Erich David Vorlop**  
State University of New York at Buffalo School of Medicine

##### Preliminary Internal Medicine Residency Program

**Sartaj Sultana Ahmed**  
Drexel University College of Medicine (formerly MCP Hahnemann)  
**Corey Alexander Couto**  
Dartmouth Medical School  
**Brian L Donnenfeld**  
Georgetown University School of Medicine  
**Carolyn Suzanne Dupuis**  
SUNY Downstate College of Medicine  
**Michael David Gregory**  
Rush Medical College  
**Jason David Iannucci**  
Brown Medical School  
**Anna Kertser**  
Albany Medical College  
**Jason Keith Klopotoski**  
University of Rochester School of Medicine and Dentistry  
**Saurabh Singh**  
Wake Forest University School of Medicine  
**Scott Jordan Stevens**  
State University of New York at Syracuse College of Medicine  
**Alexander Grant Wolf**  
Tulane University School of Medicine

##### Medicine Pediatrics Residency Program:

**George Edward Hardy**  
Brown Medical School  
**Marisa Kathleen Holubar**  
University of Wisconsin Medical School  
**Julia Anne Ozbolt**  
University of California San Diego School of Medicine  
**Susan Rachel Paul**  
University of Massachusetts Medical School

#### Memorial Hospital of Rhode Island Internal Medicine Residency Program

**Hesham Aboshady**  
University of Cairo, Egypt  
**Ma. Theresa De Los Reyes**  
University Of Santo Tomas, Philippines  
**Amber Gul**  
Allama Iqbal Medical College, Pakistan  
**Mohammad Hajjiri**  
Ain Shams University, Egypt  
**Adriana Hosu**  
Universitatea De Medicina Si Farmacie Carol Davila, Romania  
**Ambreen Ijaz**  
Fatima Jinnah Medical College For Women, Pakistan  
**Omeed Sani**  
University Of Szeged Medical And Medical Sciences Centre, Hungary  
**Frederick Troncales**  
University Of Santo Tomas, Philippines  
**Syed Zulquernain**  
Ayub Medical College, Pakistan

Office of the Chairman of Medicine  
Rhode Island Hospital  
593 Eddy Street  
Providence, RI 02903

## Department of Medicine Grand Rounds – Tuesday Mornings at 8:00 AM

**George Auditorium, Rhode Island Hospital • Lecture Hall, The Miriam Hospital** (teleconferenced from RIH) •  
**Room 653, VA Medical Center** (teleconferenced from RIH) • **Library Video Room, Newport Hospital** (teleconferenced from RIH)  
**A continuing medical education activity sponsored by Rhode Island Hospital.**

### **April 19, 2005: "Improving Hand Hygiene in Healthcare Settings"**

John M. Boyce, M.D., Chief, Section of Infectious Diseases, Hospital Epidemiologist, Hospital of Saint Raphael, Clinical Professor of Medicine, Division of Infectious Diseases, Yale University School of Medicine, New Haven, Connecticut

### **April 26, 2005: The Beckwith Family Visiting Professorship in Medicine "Male Menopause, Myth, Menace or Misnomer"**

Marc R. Blackman, M.D., Chief, Endocrine Section, Laboratory of Clinical Investigation, Division of Intramural Research, NCCAM, NIH, Professor of Medicine (part-time), The Johns Hopkins University School of Medicine

### **May 3, 2005: Rheumatology Update**

### **May 10, 2005: Morbidity & Mortality Conference**

### **May 17, 2005: "Prostaglandins and the Meaning of Life"**

Victor L. Schuster, M.D., Baumritter Professor and Chairman, Department of Medicine, Albert Einstein College of Medicine, Louis Leiter Physician-in-Chief, Montefiore Medical Center, Bronx, New York

### **May 24, 2005: The Grace McLeod Rego Memorial Lecture**

"Renewal in the Practice of Medicine"  
Charles Hatem, M.D., director of Medical Education, Mt. Auburn Hospital, The Harold Amos Academy Professor of Medicine, Harvard Medical School

### **May 31, 2005: CANCELED**

### **June 7, 2005: Lyme Disease Update**

Peter Krause, M.D., Professor of Pediatrics, University of Connecticut School of Medicine, Director, Division of Infectious Diseases, Connecticut Children's Medical Center

### **June 14, 2005: "Depression and Anti-depressive Psychotherapy"**

Mark Zimmerman, M.D., Associate Professor of Psychiatry, Brown Medical School

### **June 21, 2005: Morbidity & Mortality Conference**

### **June 28, 2005: Pulmonary Update**

### **July 5, 2005: CANCELED**

### **July 12, 2005: Morbidity & Mortality Conference**

### **July 19, 2005: Geriatrics Update**

### **July 26, 2005: "10 Things Every Clinician Should Know about Pregnant Patients"**

Raymond Powrie, M.D., Associate Professor of Medicine, Brown Medical School

The Rhode Island Hospital fully intends to comply with the legal requirements of the Americans with Disabilities Act. If any participant of this conference is in need of accommodation, please contact the Rhode Island Hospital CME office at (401) 444-4260.

The Department of Medicine Grand Rounds series is supported by an unrestricted educational fund as contributed by: Abbott Laboratories, Hoechst Marion Roussel, Merck & Co., The Lipo-some Company, Parke-Davis, Schering, Pfizer, Wyeth-Ayerst Laboratories, Eli Lilly and Company.