

ROCHESTER MEDICINE



Don Bordley

Even after 30 years, he relishes teaching and remains a role model for many internal medicine residents who trained in Rochester.

You can go home again

Alumni who return to the School of Medicine and Dentistry to join the faculty find opportunity, rewards and enduring traditions.



Find the School of Medicine and Dentistry on Facebook at:
<http://facebook-edu.urmc.edu>

On the cover

Donald R. Bordley, M.D., visits a patient
with Jennifer M. Zagursky, M.D., and
other residents.

SAVE THE DATES! OCTOBER 11-14, 2012



MELIORA
Weekend



School of Medicine and Dentistry REUNION & MELIORA WEEKEND

For more information, contact the School of Medicine and Dentistry
Office of Alumni Relations at alumni@admin.rochester.edu or
(800) 333-4428. Visit us online at www.urmc.rochester.edu/smd/alumni

Physicians work in the here and now to understand the problems of their patients and determine the best treatment. But, whether we are in private practice, hospital-based or physician scientists in a lab, we also look to the future, recommending preventive measures to preserve good health, always improving the care we provide, and searching for solutions and cures to today's problems and diseases in order to help human health.

This working in the present and for the future goes on in exam rooms and laboratories hundreds of times every day in our Medical Center. We are about making life "ever better."

"Ever better," as *Rochester Medicine* readers know, also is the translation of the University of Rochester's motto, *Meliora*. It also is the theme of *The Meliora Challenge: The Campaign for the University of Rochester*, which has a goal of raising \$1.2 billion by 2016.

This campaign is vitally important for the future success of the School of Medicine and Dentistry and the University of Rochester Medical Center health care delivery system.

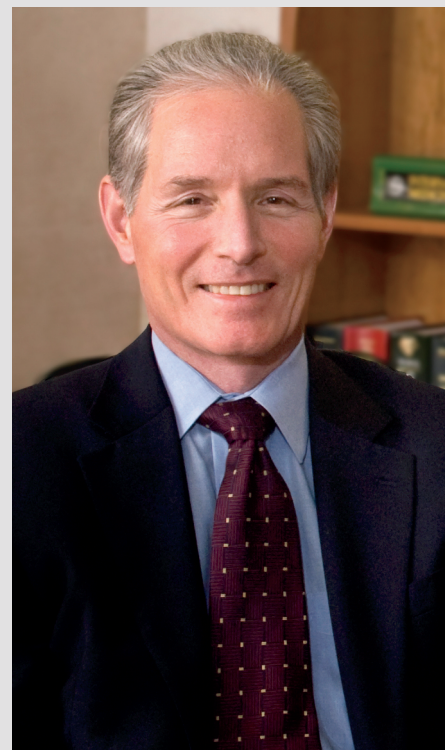
More than half of the campaign goal – \$650 million – will support Medical Center and School of Medicine and Dentistry projects and programs. This campaign will include funds to help us in our quest to cure and prevent disease, attract and recognize our top scientists and expert clinicians, help our students pursue their dreams, and provide quality health care.

The Medical Center's \$650

million campaign goal includes \$100 million for a new Golisano Children's Hospital, as well as academic and clinical programs that will make the Medical Center the destination for upstate pediatric health care. The current children's hospital is part of Strong Memorial Hospital, and lacks the identity that a new Golisano Children's Hospital will present. Furthermore, the new patient rooms and facilities will better match the world-class medicine practiced here and facilitate the patient-and-family-centered care that is necessary for patients and providers.

The fundamental, translational and clinical research programs of the School of Medicine and Dentistry are facing unique financial challenges due to the decrease in funding by the National Institutes of Health. We are committed to supporting research into basic biological mechanisms as well as new treatments and cures by our excellent faculty. But we must seek alternative support for this research through more endowed professorships and endowments for individual research programs. These, too, are goals of *The Meliora Challenge*.

As graduates, we realize the important role our School of Medicine and Dentistry and its faculty played in our lives. In addition to raising money for faculty retention, recruitment and research, *The Meliora Challenge* will raise funds for scholarships and fellowships so we can continue to attract the best students to the School of Medicine



and Dentistry and ease their financial burden.

The state of the economy makes these difficult times for all of us. But I believe every graduate of the School of Medicine and Dentistry appreciates how important the campaign is to enable us to survive the present challenges and build for the future. I hope you will listen to your hearts and minds to support the School and the Medical Center that have given each of us so many gifts during our own education. For more about *The Meliora Challenge*, go to the website at <http://campaign.rochester.edu>.

A handwritten signature in black ink that reads "Bradford C. Berk".

Bradford C. Berk, M.D., Ph.D. (MD '81, PhD '81), CEO, University of Rochester Medical Center; Senior Vice President for Health Sciences

In October at the School of Medicine and Dentistry's Convocation, I had the pleasure of officially presenting 10 endowed chairs and professorships. We had 10 handsome chairs lined up across the front of the Class of 1962 Auditorium. You will find an album of the recipients in this issue of *Rochester Medicine*.

Nothing is more important to our institution than our faculty, and the quality of our faculty is the cornerstone of everything we do.

Our School of Medicine and Dentistry has long been known for faculty excellence. We must do everything we can to keep the faculty we treasure and to recruit excellence for the future. The troubled economy and tightened funding from traditional sources like the National Institutes of Health are making this goal a challenge, to say the least.

Endowed chairs and professorships are not just honorary titles. Endowed faculty positions help the School retain and also attract faculty. Endowments help us continue or expand research, teaching and clinical care. Endowed faculty positions are enduring. They will last as long as the University. Endowments honor excellence, but they also are hallmarks of excellence.

Four of the 10 endowments presented at Convocation are new. Philip

and Marilyn Wehrheim have established a professorship for cancer research. William and Sheila Konar have supported a professorship for clinical research into Alzheimer's and other disease that affect memory and thinking. A gift from C. Jane Davis and C. Robert Davis established a professorship for pulmonary medicine research. Colleagues and friends of Robert J. Joynt, M.D., Ph.D., in the Department of Neurology have established a professorship to honor the man who founded that department.

The School of Medicine and Dentistry needs many more professorships and chairs like these.

You will hear frequently about *The Meliora Challenge: The Campaign for the University of Rochester*, which has a goal of raising \$1.2 billion by 2016. This campaign is very important to the Medical Center and to the School of Medicine and Dentistry. *The Meliora Challenge* also is the perfect vehicle for the establishment of endowed faculty positions and donations to those endowments.

We need to create more endowed faculty positions if we are to continue to be the great institution we are. I hope at Convocations in the future there is not enough room for all the chairs we will be presenting.

In this issue of *Rochester Medicine*, you will find a profile of Don Bordley,



who holds an endowed position as the William L. Morgan Professor in Medicine. You also will read about several School of Medicine and Dentistry graduates, who returned to the School and joined the faculty. Both articles offer more evidence for supporting excellence and endowed chairs and professorships.

A handwritten signature in dark ink, reading "Mark B. Taubman". The signature is fluid and cursive, with a long horizontal stroke at the end.

Mark B. Taubman, M.D.
Dean of the School of Medicine
and Dentistry, Vice President
for Health Sciences



ROCHESTER MEDICINE

CONTENTS

FEATURES

- 4 **You can go home again:** Alumni who return to the School of Medicine and Dentistry to join the faculty find opportunity, rewards and enduring traditions.
- 12 **Don Bordley:** Even after 30 years, he relishes teaching and remains a role model for many internal medicine residents who trained in Rochester.
- 18 **Cyclopedica:** On a bicycle, a pediatric resident finds healthy play for kids, connections to the community and lessons for his career.

DEPARTMENTS

- 24 Medical Center Rounds
34 Philanthropy
38 Reunion Weekend 2011
44 Alumni News
47 Class Notes
54 In Memoriam

Rochester Medicine is published by: The University of Rochester Medical Center, Department of Public Relations and Communications, in conjunction with the Department of Alumni Relations & Advancement for the School of Medicine & Dentistry.

**Associate Vice President
for Public Relations and
Communications**

Teri D'Agostino

Editor

Michael Wentzel

Contributing Writers

Lori Barrette, Emily Boynton, Heather Hare,
Mark Michaud, Leslie Orr, Tom Rickey,
and Leslie White

Art Director

Mitchell Christensen

Photographers

Ken Huth, Vince Sullivan and Adam Fenster

For questions or comments, contact: Department of Alumni Relations and Advancement for the School of Medicine and Dentistry
300 East River Road, Rochester, NY 14627

800-333-4428 | 585-273-5954 | Fax 585-461-2081

Comments on this issue, e-mail: Michael_Wentzel@urmc.rochester.edu



Rochester Medicine online

Rochester Medicine magazine's online edition is available simultaneously with the print edition, but with Web extras. The online *Rochester Medicine* is another way to keep in touch with the School of Medicine and Dentistry. Look online at :
www.rochester-medicine.urmc.edu

Write to us!

Rochester Medicine welcomes letters from readers. The editor reserves the right to select letters for publication and to edit for style and space. Brief letters are encouraged. Please send to:
RochesterMedicineMagazine@urmc.rochester.edu
Rochester Medicine Magazine
601 Elmwood Avenue, Box 643,
Rochester, NY 14642.

A close-up, blue-tinted photograph of a white cat's face, looking towards the right. The cat's eyes are large and dark. To the right of the cat's head is a white ceramic mug. The mug features a logo with a shield and the letters 'M' and 'R'. Below the shield, the word 'ROCHESTER' is partially visible, with 'UN' above it. The background is blurred, showing some indistinct shapes and colors.

You can go home again



Alumni who return to the School of Medicine and Dentistry to join the faculty find opportunity, rewards and enduring traditions.

By Michael Wentzel

In 2005, as he completed his fellowship in sleep medicine at the University of Michigan Medical School, Michael E. Yurcheshen, M.D. (M '00, R '04), considered the next step in his career.

He had received training at medical centers at the University of Southern California and Tufts University and he had offers at other programs. But Yurcheshen chose to return to Rochester and his medical alma mater, accepting a position in the Department of Neurology and at the Medical Center's Sleep Disorders Center.

"The position at the University was a great opportunity for me to help build an academic center from a great clinical program," said Yurcheshen, now an assistant professor of neurology and of medicine. "I liked the way that Rochester was positioned to grow and afford junior faculty opportunities to pursue their goals."

While many in academic medicine steer away from their alma mater, others—attracted by the School's strengths and traditions that boosted them as students—decide they can go home again.

Yurcheshen is not the only School of Medicine and Dentistry alumnus to return to join the faculty. More than 10 percent of the full-time faculty, 166 people, are alumni. Yurcheshen saw Rochester as a place to develop his research skills and hoped to establish a fellowship program in sleep medicine.

"Our first fellow completed the training program in 2010, and our fellowship has grown to the point where we are now participating in a national matching program this year," Yurcheshen said. "I've also been fortunate enough to be part of the Department of Neurology,



Michael E. Yurcheshen, M.D.

“I liked the way that Rochester was positioned to grow and afford junior faculty opportunities to pursue their goals,” said Yurcheshen. While many in academic medicine steer away from their alma mater, others—attracted by the School’s strengths and traditions that boosted them as students—decide they can go home again.



Michelle Shayne, M.D.

a department that has a very strong research mission. With their guidance, I'm now acting as principal investigator on a Department of Defense grant, examining the risk of developing Parkinson's disease in subjects with parasomnias."

The move to Rochester also allowed Yurcheshen to rejoin a network of colleagues, advisors and friends and, he said, take advantage of the world-class fly fishing of western New York.

From opera to cancer care

Michelle Shayne, M.D. (BMus '85, M '98, R '01), traveled many roads before she returned to Rochester and joined the Medical Center faculty. But she insists she never really left.

Her comings and goings from the University date back to her undergraduate years, when she earned a bachelor's degree in music and voice performance at the Eastman School of Music. Shayne, a Brooklyn native, then left Rochester for New York City, where she received a master's at the Juilliard School.

Shayne performed as a soloist on the stages of Lincoln Center, Carnegie Hall and Town Hall in New York City, as

well as other important venues like the Tanglewood Music Festival. She sang with famous artists, including Andre Previn and Wynton Marsalis. But her interest in science took her back to the School of Medicine and Dentistry. During her medical student years, she married Edward Sassaman, M.D., a pediatrician.

After residency, Shayne enjoyed a three-year fellowship in hematology and oncology at Harvard's Beth Israel Deaconess Medical Center in Boston, but her ties to Rochester remained strong.

"My husband stayed in Rochester throughout my fellowship years in Boston," Shayne said. "That was a lot of commuting. Our son, Alexander, was born in Boston, but moved to Rochester when he was 4 days old. Though I was offered an opportunity to work at Beth Israel Deaconess after my fellowship, I knew I had to get back to my husband and son in Rochester."

In 2009, Jonathan Friedberg, M.D., chief of the division of hematology/oncology at the Medical Center's Wilmot Cancer Center, asked Shayne to direct the division's fellowship program.

"I was thrilled to accept his offer and a lot of my goals involve molding the program into one of the top programs in the country," she said. "With Dr. Friedberg's support, I have been able to implement a significant restructuring of the program and we are developing unique approaches to enhancing the curriculum and developing outstanding clinicians and researchers."

Shayne, an assistant professor of medicine, also is clinical co-director, with Louis Constine, M.D., professor of radiation oncology, of the Survivorship Program at the Wilmot Cancer Center.

"We share a vision for developing a program that our patients can rely on to bring them through their treatment and beyond with an eye towards lifestyle changes that optimize quality as well as quantity of life," Shayne said. "I deeply enjoy being on the faculty. Students, residents, and fellows are thirsty for knowledge and I love being able to share my enthusiasm about cancer care with them. I also learn a tremendous amount from all our trainees, as well as our patients. I'm proud to teach where I was once a student. I think being on the faculty is the best place to be when you're committed to life-long learning."

"I want to stay here because I wish to realize my goals of developing the fellowship and survivorship programs. The process, though sometimes challenging, is invigorating and it allows me to continue to be the creative artist that I will always be, by bringing ideas and initiatives to life. I also want to continue to care for my patients in the best way possible and try innovative approaches to teaching our trainees, all in an effort to give back to the University of Rochester, the place that has given so much to me."

Improvements with a biopsychosocial approach

Samuel J. Huber, M.D., M.S. (BA '99, M '04), returned to Rochester with his mind on clinical quality improvement.

After his graduation from the School of Medicine and Dentistry, Huber completed residency training in psychiatry at Washington University in St. Louis at Barnes-Jewish Hospital. He then spent two years at the White River Junction Veterans Administration Medical Center in Vermont in the Quality Scholars Program, a fellowship in quality improvement and health services research. He also studied at the Dartmouth Institute for Health Policy and Clinical Practice, where he received a master's degree in evaluative clinical sciences.

"I had several very good job offers in the public, private, and academic sectors in several areas of the country," Huber said. "I chose to return to Rochester because of the commitment in my department and the School of Medicine to professional faculty development and mentoring, the affordability of living, schools, services and recreation for starting a young family and, at least in some part, the opportunity to serve my University."

As a senior instructor in the department and associate medical director of inpatient psychiatry, Huber teaches and holds an administrative position in the department that



Samuel D. Huber, M.D., M.S.

involves quality improvement.

"I would like to see how such improvement can be done in a patient-centered, biopsychosocial manner that focuses on sustainability and relationships as much as data-driven outcomes," he said. "The public deserves reliable health care from its academic centers; my goal is to see if we can provide that and teach it to our students and residents in a relationship-centered way."

A place with opportunity and community

Burr W. Hall, M.D. (M '97), has no love for Rochester winters but he returned to his hometown in 2004 after completing his residency at the University of Virginia Medical Center and fellowships at the University of Michigan Hospitals.

His wife, Sandra Jee, M.D., M.P.H. (M '98), an associate professor of pediatrics, is one of the 20 alumni who have part-time faculty appointments. Hall's parents, William J. Hall, M.D., the Paul H. Fine Professor of Medicine, and Caroline B. Hall, M.D., professor of pediatrics, also are faculty members.

"I had lived in Rochester for the majority of my life and



Burr W. Hall, M.D.

“We definitely feel part of a community, not only in Rochester but also in the Medical Center,” Hall said. “The University is the number one employer in the area, an employer that is helping keep Rochester together. We feel part of something, part of a unique community. We feel fortunate to be completely integrated in that community. Both our careers are working out. We’re happy.”

we had no definitive plans to move back. But professionally, it made sense,” said Hall, now an associate professor of medicine and a member of the electrophysiology section at the Medical Center, where he specializes in treatment of patients with atrial fibrillation, especially ablation for atrial fibrillation.

“We had to find a place where we both had a job opportunity,” he said. “There are very few places in the country that have dedicated clinics for foster children, which is my wife’s area of interest, and Rochester is one. We had other choices. There are an incredible number of jobs in electrophysiology, especially for those trained in atrial fibrillation. I had an offer to stay at Michigan and many offers in private practice, including a couple in Florida, where I would not have to care about winter.”

But he also had the chance to join an atrial fibrillation treatment program that was just starting at the Medical Center.

“The program has taken off,” Hall said. “Before I returned, we did six-to-eight atrial ablations a year. We are now up to 300. We have brought in a lot of new technology and we are taking part in clinical trials for atrial fibrillation treatment.”

Hall and his wife returned to Rochester with a 2-year-old child and twins who were 5 weeks old.

“We didn’t know what to expect with new jobs and a growing young family,” he said. “We knew we had to face winter but we also had the chance to live near the Medical Center and would not have a disaster in traffic if we needed to get home.

“We definitely feel part of a community, not only in Rochester but also in the Medical Center,” Hall said.

“The University is the number one employer in the area, an employer that is helping keep Rochester together. We feel part of something, part of a unique community. We feel fortunate to be completely integrated in that community. Both our careers are working out. We’re happy.”

Rewards of research and patient care

Erika F. Augustine, M.D. (M ’03), like some alumni, returned to Rochester to work with a unique member of the faculty.

For Augustine, in 2008 after five years of training in pediatric neurology at Children’s Hospital in Boston, that was Jonathan Mink, M.D., Ph.D., professor of neurology and chief of pediatric neurology. Now a senior instructor in neurology, Augustine returned to work with Mink in a pediatric movement disorders fellowship and also with Robert C. Griggs, M.D. (R ’71), professor of neurology, in an experimental therapeutics fellowship.

“There are relatively few pediatric movement disorders specialists in the country. Being from the Rochester area and having Jonathan Mink as a mentor throughout my residency, it was a natural step to return to Rochester for training,” Augustine said. “My research goals include conducting clinical trials in pediatric neurodegenerative disorders and exploring the epidemiology of Tourette syndrome. The University



Erika F. Augustine, M.D.

Medical Center has the resources and infrastructure to help me pursue both.

“My experience since returning to Rochester has been wonderful,” she said. “The collegial atmosphere and the depth of expertise in clinical trials of neurologic disorders are both enticements to stay.”

John D. Markman, M.D. (M ’96), returned in 2005 for similar reasons: “the chance to be part of what is nationally recognized as a leading clinical neurosocio science program and to collaborate with colleagues, specifically in pain management, whose research is regarded not only in the United States but around the world as groundbreaking.”

Markman had completed his residency at Massachusetts General Hospital and a fellowship in anesthesiology at Beth Israel Hospital. He then joined the senior medical staff at the Lahey Clinic outside Boston.

“I wanted an environment where I was not going to be forced to choose between being a clinician and doing research,” he said “I saw what happened to colleagues in Boston who were given such a stark choice. If you did research,



John Markman, M.D.



Michael T. Milano, M.D., Ph.D.

you did little clinical work. I was not ready then and I am still not ready to stop caring for patients. I perceived that I could find the environment I wanted at the Medical Center.”

Markman, an associate professor of neurosurgery, now directs the Translational Pain Research Program in the Department of Neurosurgery and leads the department’s Pain Management Center, a multi-specialty pain practice with a focus on patients with chronic pain associated with nerve injury.

“When you have been away, you learn the national reputation that the Medical Center and School of Medicine has,” he said. “You don’t always appreciate this as a student but you recognize it in the reception you receive as a resident and you see the respect for the work this institution enjoys. It makes you proud to be a graduate of the school.

“Some of the most moving moments I have had are the times I have participated in care of former teachers in the School of Medicine,” he said. “I have found that to be a very moving experience. Someone I once learned from is now entrusting me with their care. It is a real rite of passage. I continue to learn from them as patients. The teaching and

learning have not stopped.”

Attractions of an innovative environment

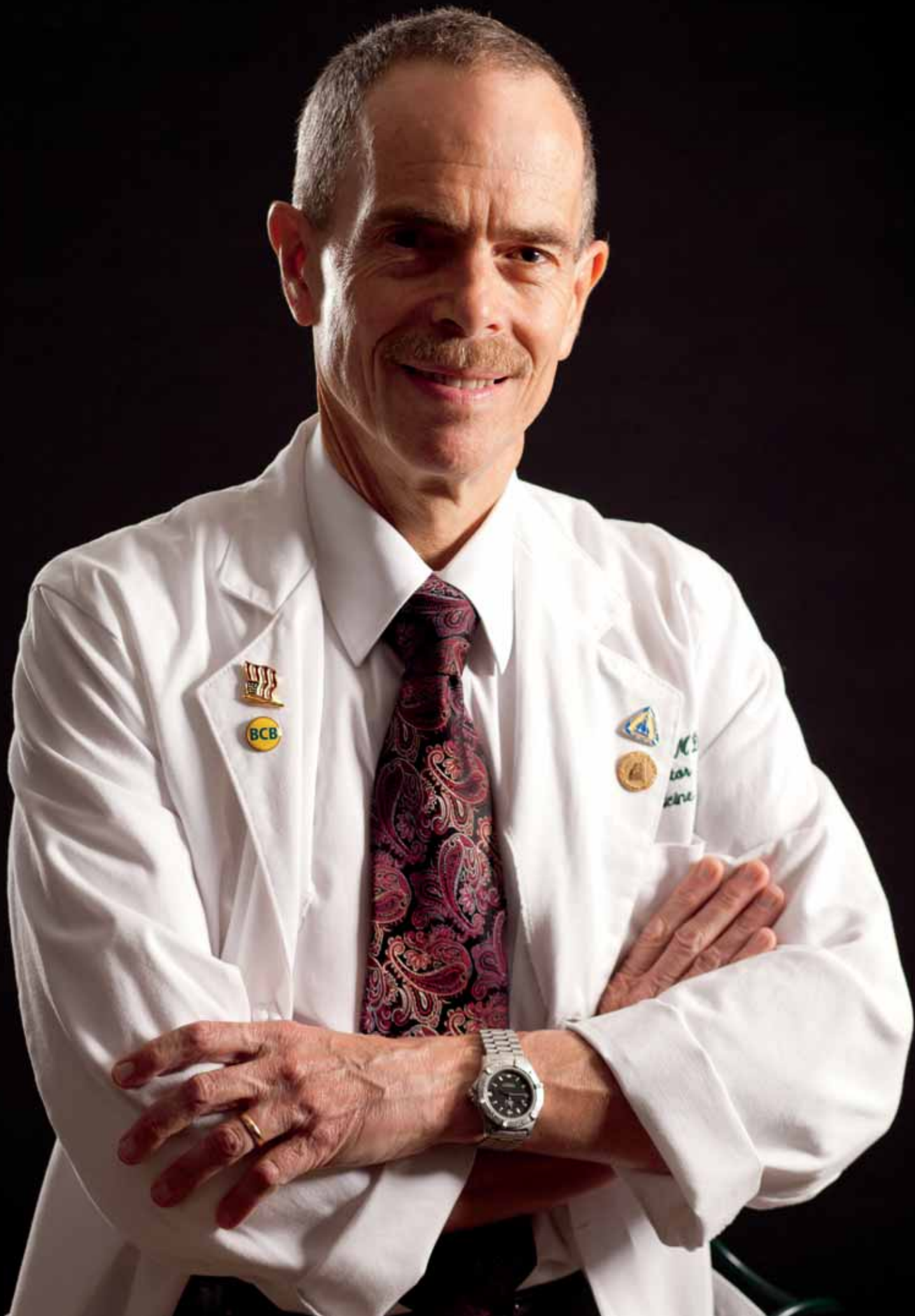
Rochester area native, Michael T. Milano, M.D., Ph.D. (M ’00, PhD ’98), returned in 2005 after completing his residency at the University of Chicago Pritzker School of Medicine. He came home to family and friends, but there was more to his decision.

“The Department of Radiation Oncology was, and still is, a top notch department,” Milano said. “Our department is involved in several national oncology groups. Many senior faculty had and have leadership positions in these groups.

This national and international cooperative effort is critical for providing cutting-edge patient care, and allows for opportunities for career advancement. In choosing where to go after residency, this was an important factor.”

Rochester’s Department of Radiation Oncology was one of the pioneers in the radiation treatment of patients with oligometastases, metastatic cancer that is limited in the number and size of metastatic lesions.

Continued on page 60



Don Bordley

Even after 30 years, he relishes teaching and remains a role model for many internal medicine residents who trained in Rochester.

By Michael Wentzel

Ask almost any graduate of the internal medicine residency program of the University of Rochester School of Medicine and Dentistry about Donald R. Bordley, M.D. (R '81), the program's director, and the answers will leave little doubt about his importance in the careers and lives of many.

"His passion for his work is infectious, and I have tried to apply the same outlook in my career," said Brandon J. McMahon, M.D. (R '05), now an assistant professor of medicine at Northwestern University Feinberg School of Medicine.

Jennifer Barton, M.D. (R '05), assistant professor of medicine at the University of California at San Francisco, said Bordley's "high standards created an atmosphere where everyone was expected to perform at their best and expect excellence from one another and Dr. Bordley fostered that environment."

Alec B. O'Connor, M.D., M.P.H. (R '00, MPH '07), an associate professor of medicine at Rochester's School of Medicine and Dentistry, called Bordley "in many ways the ultimate role model and the doctor I'd want my loved ones



to see if they were hospitalized."

Bordley has shaped the careers of hundreds of physicians, mentoring residents in Rochester for 30 years and directing the School of Medicine and Dentistry's internal medicine residency program for almost 15 years.

During those years, Bordley demonstrated the value of having an internal medicine residency program director who viewed the position as a rewarding and sustaining career.

He also is a determined advocate of an intimate style of education that places the teacher, the learner and a

patient together at the bedside or in the examining room. Technology, simulations, lectures and research all have value. But Bordley looks to the "triangular encounter" of physician, patient and teacher for the lessons that ultimately create the best physicians.

"Where you really find out how people can function as doctors is with real patients," he explained. "All of my most memorable experiences, both as a physician and as an educator, have been around interactions with patients."

Bordley has preached his belief in these educational encounters nationally. From 2007 to 2010, he served as president-elect, president and then past-president of the Association of Program Directors in Internal Medicine, which has more than 2,000 members from 380 medical schools and teaching hospitals. He was on the board of directors of the Alliance for Academic Internal Medicine during the same period. He now chairs the Alliance's Governance Task Force.

A graduate of Johns Hopkins University School of Medicine, Bordley came to Rochester in 1976 for his internal medicine residency training during the tenure of William L.

Morgan, M.D., as director of the program. Along with George Engel, M.D., Morgan wrote *The Clinical Approach to the Patient*, the influential textbook that had a humanizing effect on medical teaching.

"Of all the people I have worked with professionally, I respected him more than anybody because of his clinical excellence, his integrity, his advocacy for residents," Bordley said. "I wanted to be like him. The best way to be like him was to wait for an opportunity to have the job he did with such distinction."

Today, Bordley not only directs the residency program, he is the first William L. Morgan Professor in Medicine.

"Don Bordley is one of a very few who revolutionized the position of residency program director," said Mark B. Taubman, M.D., dean of the School of Medicine and Dentistry. "He has built a rewarding and distinguished career for himself, but his skills and dedication to the training of residents have rewarded us with better physicians who provide excellent care at our Medical Center and other institutions across the country."

Medicine in the genes

Don Bordley comes from a Maryland family with five generations of physicians. His father, James Bordley III, was a Hopkins graduate who had a prestigious career at the Baltimore institution before becoming chief of medicine and director of Bassett Hospital in Cooperstown, N.Y.

Bordley, now 64, grew up in the village by Otsego Lake that is the home of the National Baseball Hall of Fame and Museum. His father, at one time, served on the Hall of Fame's board. He has many memories of meeting famous baseball players, including once, when he was quite young, of sitting on the knee of Hall of Famer Ty Cobb, the famous Georgia Peach.

In spite of the deep family history in medicine, Bordley initially decided to go into a completely different field. He was an English teacher at Baltimore's

"Don Bordley is one of a very few who revolutionized the position of residency program director. He has built a rewarding and distinguished career for himself, but his skills and dedication to the training of residents have rewarded us with better physicians who provide excellent care at our Medical Center and other institutions across the country." – Mark B. Taubman, M.D.

Gilman School for two years.

"I entered into it with the expectation that it was something I thought I could do for the rest of my life. I was a very happy English teacher. I really enjoyed my job," Bordley said. "What brought me back to medicine was spending time with my father and my brother, who graduated from medical school and began surgical residency while I was at Gilman. Whenever we would get together, they would be talking about medical topics. I was very energized by the conversations. I thought if I did not give this a try, in five or 10 years, I would be disappointed."

"I had done well in college, but I did not have the kind of GPA you have to have, especially now, to get in med school. I was a solid B student but I didn't think it was a sure thing getting in med school. I felt all along if I was

unsuccessful in getting in med school, I would be happy coming back to English. I loved the teaching."

Bordley, of course, was accepted in medical school, graduated from Hopkins and came to Rochester for his residency.

"I knew I still wanted to teach. By the time I was chief resident, I knew I wanted to teach residents," he said. "I came here knowing very little about Rochester. I would not have anticipated spending my whole career here. Seeing the impact Bill Morgan was able to have on the program as a whole and on every resident who went through it influenced me. Not every resident liked Bill Morgan, but no resident wanted to disappoint him. I don't think there is a single person who went through the program who would say they were unaffected by him."

When Bordley completed his residency in 1981, he went to Rochester General Hospital as the internal medicine residency program director. He remained there until 1994, when he was recruited to the Medical Center to direct the internal medicine clerkship. He took over as residency program director in 1997.

"Under the current rules, I would not be allowed to do the job at Rochester General if I wanted to and someone wanted to give me the job," Bordley said. "You have to have been a faculty member in internal medicine for at least five years before you can be a residency program director. Residency training has gone through quite a bit of evolution."

Commitment to education

Thirty years ago, the medicine residency program director's job went, in most cases, to junior faculty as a way to provide extra financial support. The director routinely held the position for about three years when it would be handed off to another junior faculty member. But over the years, more and more departments wanted to invest in someone who viewed the position as a career option.

Two fundamental responsibilities



of the position—recruiting and preparing for accreditation site visits—are extraordinarily challenging but get much easier as the director accumulates experience, Bordley said.

“Recruiting in internal medicine 30 years ago was relatively easy because 60 to 70 percent grads from some med schools were going into the field,” he said. “Now it is unusual if 20 percent choose internal medicine. You get better at recruiting with experience. People get to know you. You make connections, especially if you are active nationally. I make recommendations to our medical students for residency based largely on my knowledge of the people in leadership. You won’t build these connections without staying in the job.”

Site visits can risk a department’s or hospital’s accreditation and reputation, another reason experience counts.

“In 1981, my first year as director,

we had a site visit. The internal medicine requirements were 2 ½ pages and all were vague,” Bordley said. “It is now 28 pages of specific, externally imposed expectations of the competencies the residents must demonstrate and how the curriculum should be designed to allow them to achieve those competencies.”

Residents, as well as program directors, have changed during Bordley’s 30 years.

“When I was a resident, if the program director said jump, you said how high,” Bordley said. “It was not that Dr. Morgan was not receptive to people telling him what was not working well. He was receptive. But then there was a much more authoritarian style and hierarchical structure. That’s not the way now. The residents today expect and deserve more control over their lives than we had. My interactions with residents are much more

collaborative and involve negotiated changes. It’s not my telling them what to do. The effort to be fair is no greater on my behalf than on Dr. Morgan’s. You just didn’t challenge him.”

The evolution of residency and residents is one of the elements adding to Bordley’s job satisfaction and appreciation of the Medical Center and School of Medicine and Dentistry.

“A critical element of this institution is the commitment to the educational mission at the highest level of leadership. It is genuine and unwavering, in spite of the fact that it is not always the cheapest way to go,” he said. “I have never had any trouble over my years of running this program in getting support from institutional leadership for any changes we need to make, even when they have been costly to the hospital. Because of my involvement in national organizations, I know how

unique it is to have such support and how fortunate I am to have accomplished what we have.”

Bedside teaching experience

Bordley, usually wearing his trademark bow tie, is most in his element when he is teaching.

Morning report, when residents discuss patients admitted to the Medical Center during the past days, is held at 7:15 a.m. five times a week throughout the year. Bordley attends three times each week. The residents work through their differential diagnoses and clinical reasoning during the meeting that runs for one hour.

“It is conference room teaching, but it’s based on real patients and it’s not lectures,” Bordley said. “I love morning report but conference room teaching is not my favorite.”

His favorite moments happen during the 10 weeks each year he is on-service in the Medical Center. Bordley and a team of senior residents, interns and a number of medical students care for more than a dozen patients.

“We go around together and see the patients every day,” Bordley said. “We examine them and talk about them. So the teaching is about patients we care for together while at the same time I try to have the senior resident be the real leader. I get to see whether they are doing careful and thoughtful physical exams and whether their technique is correct. This is by far the most rewarding teaching because it happens at the bedside.”

These bedside teaching and learning experiences should be multiplied and enhanced, Bordley believes.

“If there is an area of residency education that really needs to be re-emphasized and made a more prominent part of resident experience it is the teaching at the bedside or in the ambulatory examining room by experienced clinicians,” he said. “The proportion of the time the residents physically spend with patients is shockingly small because they have so much else to do. They spend more time with the computer than they do with a

“To ask someone to work more than 80 hours a week is unreasonable. Our program is nowhere near that on average, more like 60 to 65 hours.

That’s healthy.” – Don Bordley, M.D.



“The proportion of the time the residents physically spend with patients is shockingly small because they have so much else to do. They spend more time with the computer than they do with a patient and we need to move them back.”

patient and we need to move them back. I certainly believe residents spend less time physically with their patients than I did when I was a resident. The job of caring for hospitalized patients has become so complicated that there is a lot of work they have to get done that does not require direct patient contact. They do the charting, the documentation, and the discharge paperwork. It is all important but it takes a lot of time and it is not quality time with a patient.”

Although Bordley cherishes his traditional approach, he supports innovation in the training of residents. The School of Medicine and Dentistry has moved much of the resident experience to an outpatient setting and is redesigning the resident’s outpatient practice as a patient-centered medical home. Bordley also is overseeing a pilot program that will give residents longer blocks of time in ambulatory primary care practices and selected subspecialty practices.

“This will allow a resident to see a patient multiple times and that means a more meaningful and a better learning experience,” he said.

Bordley also is a proponent of controlling a resident’s duty hours.

“To ask someone to work more than 80 hours a week is unreasonable,” he said. “Our program is nowhere near that on average, more like 60 to 65 hours. We do have some rotations where residents work 80 or a bit over. We also have rotations where they only work 40 hours. That’s healthy.”

Bordley’s worries about the future of internal medicine and internal medicine education revolve around time.

“It comes back to the demands that push residents away from the bedside and physicians from their patients,” he said. “Health care and health care delivery have become so complicated that physicians don’t have enough time to spend with their patients and don’t have enough time to reflect on what their patients have told them and to learn from the process. The pressures of time force us to react quickly and do the best we can and



move on. That is not nearly as satisfying as gathering the information, spending time with the patient, making sure you have all you can from that experience and taking time to reflect on the experience and deciding whether you need to find out more. We end up practicing and approaching diagnosis in a shotgun way because we don't have time to narrow things down and to think and process."

The movement to focus more on preventive health care and the team-based approach to medicine in the outpatient sector could allow physicians more time to reflect and "practice at the top of their license," he said. These changes also might make for happier residents.

A time to retire

Bordley says he detects no signs of personal burnout. An avid bicyclist,

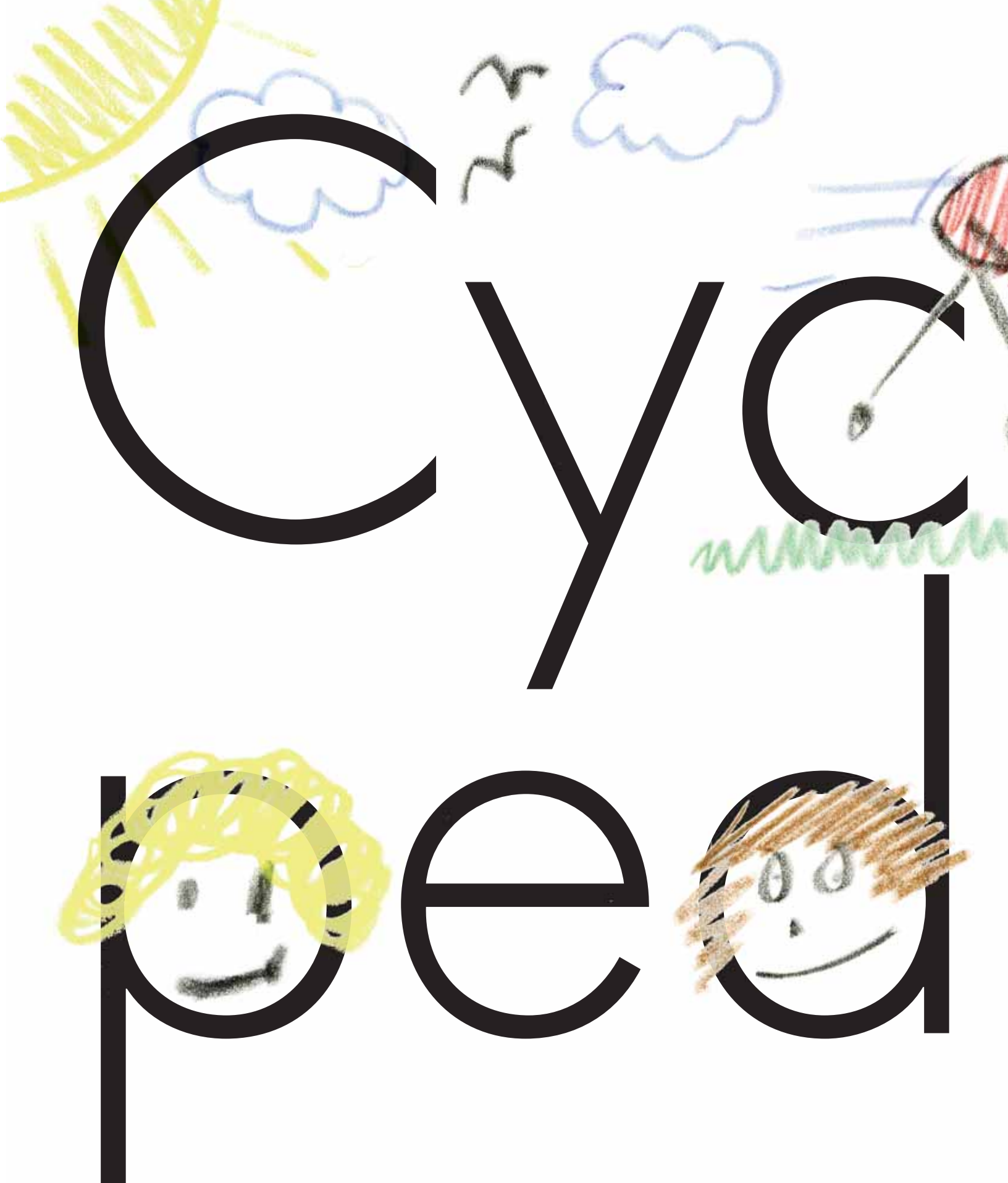
he rides to the Medical Center six months out of the year. He still enjoys downhill skiing and hiking. The father of three, Bordley and his wife, Priscilla S. Martin, M.D. (R '84), clinical assistant professor of medicine, are known for their love of dancing, especially at the departmental holiday parties.

Over the years, Bordley has received offers of attractive positions from other institutions. He even has gone through the interview process a couple times. But he says he can't imagine leaving the field of internal medicine education at the Medical Center and School of Medicine and Dentistry for at least five years.

"I will retire from here," Bordley said. "I am extremely happy at this institution. There is no place like this for someone like me that combines the institutional support for the educational mission at the highest level with all the

other positive things about Rochester. I love the people I work with and I love the institution that supports what I do so enthusiastically.

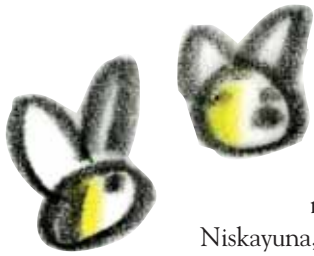
"There is great satisfaction in staying in this position and succeeding academically. But the real satisfaction for me is making the program work for the individual residents and having them feel they are being treated both rigorously and fairly. We have high expectations but we provide them the opportunity to reach those high expectations without over-burdening them. As a professor of medicine with an endowed chair, I feel very fortunate."





On a bicycle,
a pediatric resident
finds healthy play
for kids, connections
to the community
and lessons for
his career.





To Geoffrey “Cappy” Collins, M.D. (R ’11), children don’t play outside like they used to. Collins remembers many days from his childhood in

Niskayuna, near Schenectady, N.Y., when he would head to the Reist Wildlife Sanctuary, a woods just down the street from his home, for play and exploration.

“As soon as we were old enough to cross the street by ourselves, mom would start pushing us out of the house rather than let us sit in front of the TV,” he remembered. “There was a lot of unstructured and unsupervised time just seeing what’s there, getting our hands dirty.”

Kids today are more involved in highly structured activities, like organized sports, or skill-based training, such as learning a musical instrument. And sedentary behaviors, including watching television, playing video games and spending time online, consume more and more time. The trend of children losing their free time outdoors has been termed “nature-deficit disorder,” Collins said.

“Cognitive development requires self-directed exploration. It involves testing the properties of things. It involves negotiating with other people. It involves problem-solving with the resources at hand,” Collins said. “Although nature-deficit disorder is not a medical diagnosis, the concept is supported by evidence showing that children who lack appropriate play and outdoor time are at higher risk for obesity, ADHD, poor school performance and even teen pregnancy.”

As part of the Pediatric Links to the Community/Child Advocacy Resident Education (PLC/CARE) program, an advocacy training initiative unique to the University of Rochester Medical Center, Collins created a project aimed at getting kids on bicycles to tour and learn about their city and region.

“This is a program that combines physical activity with collaborative online documentation to reconnect adolescents with their physical and social environments,” said Collins, who now is a fellow in pediatric environmental medicine at Mount Sinai Medical Center in New York City. “This is an exercise in primary preventive medicine that occurs outside the traditional medical setting, before medicine typically intervenes.”

Pediatric Links with the Community was founded in 1996 as a resident education program in community health and child advocacy. Each academic year, pediatric, medicine-pediatric, family medicine residents and nurse practitioner students participate in a two-week community-based rotation.

However, through the CARE track, second-year and third-year residents build partnerships in the community, developing critical skills for the residents while also benefiting children in Rochester as each resident works on a two-year longitudinal project.

The bicycle project, called Cyclopedia, is now concluding its second year. Cyclopedia has taken dozens of adolescents out on more than a thousand miles of riding and learning about Rochester.

The American Academy of Pediatrics awarded Collins the 2010 Anne E. Dyson Advocacy Award, and the



Association of American Medical Colleges (AAMC) presented him with the 2010 Resident Physician Community Service Recognition Award.

The power of cycling

Cyclopedia had its first incarnation when Collins was a medical student at Mount Sinai in New York City. Before medicine, Collins worked in graphic design. He returned to school, he said, thinking medicine would offer “amazing experiences, with the opportunity to make a difference.” But he found the rigorous, regimented hours of medical training blunted his ability to appreciate the experiences. His daily commute from the West Village to the Upper East Side consumed an extra hour twice a day.

Economic necessity merged with restlessness and Collins discovered the advantages of commuting by bicycle. New York became a series of small adventures as unexplored streets and neighborhoods appeared. The ride to and from the hospital was often the best part of a day. Riding provided not just an outlet from the grind of medical school, but a sense of empowerment.

During an environmental health elective in the fall of 2006, Collins met Louis Hernandez, a guidance counselor at J.H.S. 117 in East Harlem-Mr. H to his students. Over the



Riders from Rochester's Boys and Girls Club demonstrate the "helping hands" sign.

course of his 30-plus years in New York City public schools, he had brought hundreds of students along on dozens of his excursions: hiking, biking, canoeing, rock climbing, or camping. Even if it was just organizing a soccer game in a nearby park, Mr. H wanted to get kids out and active.

"These were kids living in poverty with tough lives at home and having tough times in school," Collins said. "But, anecdotally, Mr. H noticed that behavior problems diminished when the kids were outside doing things, and some even improved their school performance."

To provide students outdoor opportunities, Collins suggested they create a formal program. That program, called Los Aventureros, became a curriculum of bicycle rides that not only provided the health benefits of physical activity, but also taught the children about the city.

Through Los Aventureros, 14 children completed an average of 100 miles each over 15 trips. From their school in East Harlem, they traveled to all five boroughs, Westchester and the New Jersey Palisades.

"Despite living in Manhattan, a metropolis of global importance, these children had a small area of geographic awareness generally comprising the few square blocks surrounding their apartments and their school," Collins said.

"As Los Aventureros, they saw parts of the city they didn't know existed, and learned where their neighborhood was in relation to the rest."

Los Aventureros as a formal program faded away after Mr. H retired, though he still meets former students out on their bikes around the city.

Despite the joy that running a bike program brought to medical school, Collins worried that residency would prove to be another endurance test. But after a short conversation with Andrew Aligné, M.D., M.P.H., director of the CARE track, the opportunities available at Rochester's School of Medicine and Dentistry stood out and relieved his concerns.

"While all pediatric programs gave a nod to some form of advocacy exposure as part of national requirements, Rochester had laid the foundation years earlier for comprehensive training throughout residency," Collins said. "The crucial difference was the longitudinal support for self-directed efforts. In other words, CARE was about empowering residents to empower children."

Cyclopedia fits in the concept of Pediatric Links and the CARE track perfectly, Aligné said.

"The purpose of the CARE projects is ostensibly to improve health at a community level, but the main mission is

to train future leaders who will go out and do this sort of work for their whole careers,” he said. “CARE projects are successful if the resident learns leadership skills even if the project itself does not reach all its goals, but Cyclopedia fulfills both objectives.”

In addition, Aligne said, Collins is an example of a successful CARE resident in terms of the skills he honed in the process of developing his project: forming collaborations with multiple community-based partners, recruiting volunteers, writing grants and award applications, and presenting at national meetings.

“At a time when people across the country are struggling to decrease burn-out in physicians, doctors like Cappy Collins are not just inspired but also inspiring others with their passion for improving health in their communities,” Aligne said.

Rochester connections and bike trails

During Collins’ CARE block in the summer of 2009, the residents were asked to create public service announcements for the Rochester Boys and Girls Club, located across the Genesee River from the University. During a site visit, Collins met an employee named Shawn Brown, who had attended the club himself growing up. He was enthusiastic about biking and the club was full of kids looking for something to do. The club had storage space for bikes, a computer lab for the riders to document their experiences on a website, and it was centrally located as a home base for riding to all parts of Rochester and beyond. It seemed like a natural fit.

But there was no website, there were no bikes and there was no money. As summer turned to the fall of 2009, the project seemed to stall.

CARE alumni often provide input and guidance. Aligne shapes the curriculum from year to year to meet the interests of the residents. With support from the core faculty and the extended family of CARE alumni and community partners, the resident projects build upon a tradition of success. Along with developing strong, evidence-based projects, the residents become advocates capable of teaching others.

“The strength of CARE lies in its individualized and longitudinal support for the residents,” Collins said.

Marc Lavender, M.D. (R ’09), a CARE alumnus and former chief resident who now practices in Rochester, also is a bicyclist. Aligne asked him to work with Collins. The two applied for grants and looked for bikes. By the spring of 2010, they had received a Community Access to Child Health (CATCH) grant from the American Academy of Pediatrics (AAP) and a local Community Pediatrics Advisory Council (CPAC) grant.

They found colleagues who had bicycles to donate. They also met Dan Lill of R Community Bikes, an organization that collects used bicycles in any state of repair, fixes them with a team of volunteer repair men and women, and redistributes them for free to the community. Lill donated several refurbished bikes to Cyclopedia. By the end of the spring, Cyclopedia had assembled a small fleet, with money to spare for program improvement.



Brown also took on a new position at the Boys and Girls Club as teen coordinator, with a mission to address the lack of programming for the adolescents. Aside from a room with a TV and game system, there wasn’t much to offer these older kids. Cyclopedia was needed.

Cyclopedia is not school, but Collins usually devoted 15 minutes to a lesson with a quote or fact about bicycles, and then moved into the ride topic. The ride did not focus on mileage but on teamwork skills and the idea of exploration. After the ride, the kids posted comments on the website and, in the second season, uploaded their photos and tagged them on the ride map.

Each ride has a local theme. The Sam Patch ride, for example, started with details about the efficiency of bicycles. The word of the day was “cataract,” literally “striking down hard,” as Sam Patch did to conclude his infamous leap from the Genesee’s High Falls on a cold November Friday the 13th.

The Cyclopedia ride paralleled the journey of Patch’s body, encased in ice, floating north. The Cyclopedia riders navigated the river’s edge to Charlotte and found his gravesite. Along the way, they passed the edge of prehistoric Lake Iroquois, marked by the “ridge” of Ridge Road, and spotted a snowy egret, swans and a turtle plying the water below the boardwalk of Turning Point Park.



The inaugural 2010 season brought more bikes, more riders and more partnerships. Collins recruited John Culhane, a colleague from his design days in New York City, to help build the website. Gina Lord, a pediatric health educator at Rochester General Hospital, donated helmets for the riders. Links were established with the Rochester Cycling Alliance and the Healthi Kids Coalition. By the end of the first year, 19 riders had accumulated more than 800 miles on 14 trips in more than 70 hours of programming time.

The 2011 season was about expansion. Girls were expressly recruited for their own weekly ride for the second season. The Boys and Girls Club secured a Greater Rochester Health Foundation (GHRF) grant to fund a bike program for younger children. Cameras were purchased for the riders to use and the technology employees at the club helped riders upload and edit their photos of each trip. The preliminary data for the year show 30 riders accumulating 1,000 miles on 18 rides, comprising more than 100 hours of programming time.

With Collins in New York City, Lavender and Brown are keeping Cyclopedia going at the Boys and Girls Club. The PLC/CARE program was instrumental in buoying the program through the rough waters of implementation and now claims Cyclopedia as another success story. At Mount Sinai in New

York City, Collins is gathering data on the efficacy of Cyclopedia Rochester in combating “nature-deficit disorder” and is laying the groundwork to restart Los Aventureros in the form of Cyclopedia NYC.

“The program’s goal is still the same,” Collins said. “It’s not about getting kids out of the place they live and into the mountains, or some ‘ideal’ form of nature. It’s about getting kids into the place they live so they can be part of it. And so they can give back. It doesn’t matter if you live in a city or on a farm; where you are is where you start. And with a bike, who knows how far you’ll go?”

Visit www.cyclo-pedia.org to see more about the rides and the program.

Contact Cyclopedia at cyclopedia.rochester@gmail.com if you’d like to get more information, make a donation, or if you’d like to contribute your time or skills.



University officially begins largest fundraising effort ever



Fireworks erupted when *The Meliora Challenge* was announced in October 2011.

The Meliora Challenge: The Campaign for the University of Rochester, officially unveiled in October with a goal of raising \$1.2 billion by 2016, will play a significant role in the future of the Medical Center and the School of Medicine and Dentistry.

The campaign, the largest fundraising effort in the University's 161-year history, is designed to advance the University's leadership in research, teaching, performance, and patient care, and to enhance its service to society.

The Meliora Challenge invokes the shared values and learning that have inspired generations of students, faculty, and staff to be "ever better," the common translation of the University's motto, *Meliora*.

The campaign is of vital importance to every part of the University, including the Medical Center and the School of Medicine and Dentistry, said Bradford C. Berk, M.D., Ph.D. (M '81, PhD '81), chief executive officer of the Medical Center.

"More than half of the campaign goal—\$650 million—will support Medical Center and School of Medicine and Dentistry

projects and programs," Berk said. "This campaign will support the construction of a new Golisano Children's Hospital, the excellent care we provide patients, and our ability to continue to have the best of faculties, to train physicians and to provide financial help to our medical students."

More than \$759 million of the \$1.2 billion goal has been raised since the leadership phase of the effort began in 2005.

"We know our aspirations are high," University President Joel Seligman said as he announced the campaign during a celebration at *Meliora Weekend* in October. "We share a dream: to be one of the leading universities of the 21st century, a community leader and builder, home to outstanding faculty, students, and staff. Together as one university we launch our campaign. Together we will make history."

The Meliora Challenge is the first time the entire University — all schools, units, programs, disciplines, and locations — is participating in a unified, coordinated effort to meet University-wide fundraising goals in order to achieve a University-wide vision. All private gifts, pledges, grants, and other support during the Campaign period will count toward the total.

A \$30 million commitment by Ed Hajim, chairman of the University's board of trustees and a 1958 graduate of the University, in

support of scholarships and endowment to his namesake Hajim School of Engineering and Applied Sciences is the largest gift thus far.

Rochester entrepreneur and philanthropist, B. Thomas Golisano, announced his \$20 million gift to Golisano Children's Hospital in July.

The Meliora Challenge will focus on five main objectives: \$225 million for student support, primarily through endowed scholarships and fellowships; \$350 million for faculty, primarily through endowed professorships; \$375 million to support priority programs within the schools and units; \$130 million for unrestricted support through the Annual Fund; and \$120 million for renovations and new facilities.

The University hopes to significantly increase membership in the George Eastman Circle, the University's leadership annual giving society, which currently has more than 2,021 members who have made five-year commitments from \$1,500 to \$50,000 a year as part of the Campaign. Established in 2006, the George Eastman Circle is one of the fastest growing Annual Fund programs in the United States.

Richard Handler, a University trustee and a 1983 graduate of the University, and Cathy Jones Minehan, also a University trustee and a 1968 graduate, are the national co-chairs of the campaign.

For more about *The Meliora Challenge*, go to: <http://campaign.rochester.edu>.

School awards endowed professorships

Ten endowed chairs and professorships, four of which are new, officially were awarded in October by University of Rochester School of Medicine and Dentistry

Dean Mark B. Taubman, M.D., at the annual School convocation.

In his remarks, Taubman emphasized the importance of endowed professorships. Increasing the number of endowed professorships will be a

major goal of the School of Medicine and Dentistry and the Medical Center in The Meliora Challenge: The Campaign for the University of Rochester, the \$1.2 billion fundraising effort announced in October.

"We will need to increase the number of endowed professorships and chairs if we are to continue to be a great institution," Taubman said. "It is my hope that we will not have enough room for all the chairs awarded at future convocations."

The four new endowments are: the Philip and Marilyn Wehrheim Professorship, established to support work in translational cancer research; the Robert J. Joynt Professorship in

Neurology, created to honor Joynt and support patient-oriented experimental therapeutics of neurodegenerative disorders; the William and Sheila Konar Endowed Professorship in Psychiatry, established to support research, education and treatment of neuropsychiatric and psychiatric disorders or aging and old age; and the C. Jane Davis and C. Robert Davis Distinguished Professorship in Pulmonary Medicine, established to support pulmonary research.

The recipients each received a chair at Convocation. In this album, the recipients comment on their endowed chairs and professorships.



Jean M. Bidlack, Ph.D. (MS '77, PhD '79)
Paul Stark Professorship in Pharmacology

"I am deeply honored to be appointed the Paul Stark Professor of Pharmacology. This professorship will enhance the ongoing research in my lab to develop medications for treating drug abuse. All drugs that can become addictive act through the dopamine reward pathway in the brain to increase dopamine levels, which leads to the strong reinforcing effects of drugs of abuse. By targeting this common pathway, we are developing potential medications that will prevent drugs such as the opiates and cocaine from increasing dopamine levels. Additionally, the Paul Stark Professorship will allow my lab to

pursue the development of medications to treat chronic pain that will be as effective as morphine but unlike morphine will not produce tolerance and dependence."

Wallace E. Johnson, M.D. (R '97)

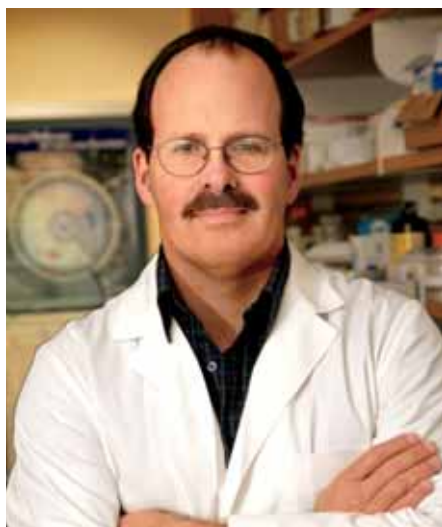
Ralph W. Prince Professorship in Medicine

"When the Prince Professorship was announced, I was particularly pleased that my faculty colleagues in community-based primary care physician medicine recognized it as an affirmation of the University's commitment to the importance of primary care medicine at the Medical Center and of the contribution these



faculty make to the School of Medicine and to the residency training programs. Excellent primary care medicine is at the heart of all initiatives to improve quality and control cost in American health care. Excellence, both in terms of patient outcomes and around the professional satisfaction of primary care physicians, depends on innovations in the primary care practice model. We are moving our primary care towards a team-based, information technology rich, patient-centered model that will support coordinated care and assist patients and family in navigating our complex health care system."

"Excellence, both in terms of patient outcomes and around the professional satisfaction of primary care physicians, depends on innovation in the primary care practice model."



Craig T. Jordan, Ph.D.

Philip and Marilyn Wehrheim Professorship

"Receiving the Philip and Marilyn Wehrheim Professorship has been a tremendous honor for me, certainly one of the highlights of my career. I've had the opportunity to personally interact with the Wehrheims on many occasions, and the passion they have shown for cancer research has been truly inspirational. With the support of the Wehrheim endowment, we will be able to initiate new clinical trials for leukemia and related forms of cancer, and bring forward novel therapies for patients who are in dire need of better therapeutic options."

Karl D. Kiebertz, M.D., M.P.H. (MPH '85, M '85, R '89) Robert J. Joynt Professorship in Neurology

"The Robert J. Joynt Professorship has a special meaning for me, because, since 1980, Dr. Joynt has been my teacher, mentor, and source of

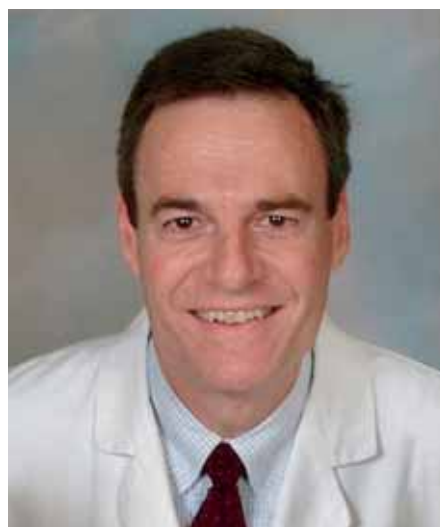


inspiration. Many faculty will know him from his roles as chair of neurology and then dean of the School of Medicine and Dentistry, but the Department of Neurology faculty have had a particularly close relationship with Dr. Joynt, who is a warm, humorous, brilliant, caring man. He inspires me to be better at what I do, principally to translate scientific and clinical observations into new treatments for patients. That 'translation' is long, laborious and often unsuccessful. The wit, pluck and humility of Bob Joynt are qualities I hope to draw on in those endeavors."

Paul C. Levy, M.D. (R '86, FLW '89)

Charles Ayrault Dewey Professor of Medicine

"It is a true honor to be named as the Charles A. Dewey Professor of Medicine. Dr. Dewey was the youngest of nine children of Dr. Chester Dewey, a Rochester scientist, educator and founding faculty member of the University of Rochester. This professorship dates back to the very origins of our School of Medicine and was first awarded in 1929. I am humbled to follow in the footsteps of a number of visionary chairs of the Department of Medicine who have held this position and used this support to enhance our educational programs, improve the clinical care we provide for our patients and expand our research portfolio. Though major reforms in health care are on the horizon, the Department of Medicine will be both innovative and nimble such that we remain true to our core missions as well as focus on improving the overall health of our citizens of the Rochester region."



Anton P. Porsteinsson, M.D. (R '93)

William and Sheila Konar Endowed Professorship in Psychiatry

"The William B. and Sheila Konar professorship supports clinical research into new ways to diagnose, treat or prevent diseases of the brain that affect memory, thinking, behavior and mood. It is the largest gift devoted to supporting clinical research into Alzheimer's disease that the University has received. The gift comes from two individuals who have been steadfast supporters of the University of Rochester for more than three decades, as well as long-time supporters of efforts related to Alzheimer's disease. This gift from Bill and Sheila Konar is a game changer for us. Their generous support gives our clinical research effort on dementia a very firm foundation and ensures that Rochester will continue to play a pivotal role in the search for new treatments for years to come. In light of the sheer number of people with Alzheimer's disease or a related condition, this is a gift that will make a difference in the lives of many, many Rochester families. There is so much more we can do for patients today than we could 20 years ago, and this is made possible largely by the type of clinical research the professorship supports."



Gloria S. Pryhuber, M.D.

George Washington Goler Chair in Pediatrics

"I am extremely honored to have been chosen as recipient of the George Washington Goler Endowed Professorship. Dr. Goler was a courageous public health official credited with reducing infant mortality in Rochester by 50 percent by providing pasteurized milk and by educating mothers and farmers about the importance of 'clean' milk. As a neonatologist, it is my goal to utilize the endowed professorship to strengthen my work in lung disease and immunology, as well as my clinical care and education efforts. I also intend to encourage multidisciplinary collaborations to advance our understanding and care of infants of all gestational ages well beyond what one person alone can do."

Patricia J. Sime, M.D.

**C. Jane Davis and C. Robert Davis
Distinguished Professorship in Pulmonary
Medicine**

"As the first recipient of the C. Jane Davis & C. Robert Davis Distinguished Professor in Pulmonary Medicine Chair, I would first like to thank the Davis family for their generosity. This chair will provide support for our vision in pulmonary and critical care medicine to promote research and education on such diseases as lung scarring, asthma, chronic bronchitis and critical illness. I am privileged to work with a team of talented physicians and scientists, uniquely positioned to positively influence the lives of patients here in Rochester and beyond. Through our efforts at understanding the mechanisms of lung inflammation and scarring, we are translating our laboratory work into poten-



tially new and exciting therapies. With the support of the Davis Chair we will be able to expand our research and teaching missions related to common lung diseases to benefit our patients and to achieve national and international recognition for our programs here in Rochester. I am thrilled to be a part of a bright and productive future!"

Alan V. Smrcka, Ph.D.

**Louis C. Lasagna Professorship in
Experimental Therapeutics**

"My laboratory studies receptor pharmacology with the goal of understanding the molecular mechanisms of drug action. The Louis C. Lasagna Professorship in Experimental Therapeutics will allow us to explore novel areas of receptor function, which perhaps are considered high risk but have high potential payoff. The ultimate goal is to identify new pharmacological



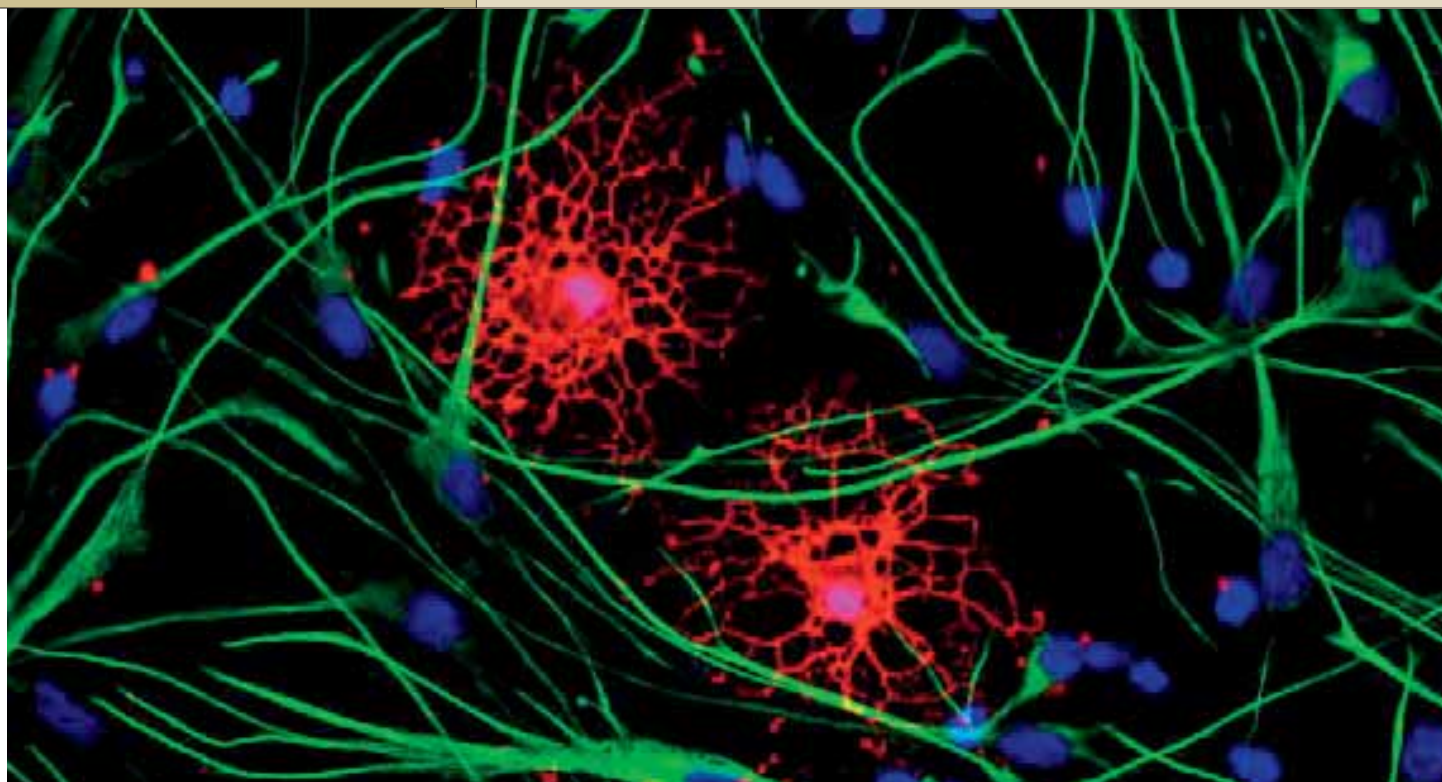
approaches to the treatment of disease that will be more effective and have greater specificity than currently available technologies. This includes the direct development of novel pharmacological agents for treatment of disease as well as the development of novel concepts in pharmacology that could alter our approaches to treating disease."

William Tank, Ph.D.

**Lewis Pratt Ross Professorship of
Pharmacology and Physiology**

"The Lewis Pratt Ross Endowed Chair is one of the oldest endowments at the University of Rochester Medical Center. Lewis P. Ross was a very successful industrialist and philanthropist in Rochester during the early 20th century. He served for more than 20 years on the University board of trustees and was president of that board for 12 years. In 1917, he bequeathed this endowment specifically to fund the Department of Physiology, which was then called Vital Economics. Since then, the chair of the department has been the Ross Professor and the endowment has been used to help fund the scholarly and teaching activities of the department. Hence, I am very honored to be the Ross Professor and to use this endowment to maintain and further promote the excellence of the Department of Pharmacology and Physiology into the 21st century. The endowment will be used to enhance our research reputation in the areas of cellular physiology and pharmacology and to continue our excellence in teaching these disciplines to medical and graduate students at the University of Rochester."





Research on the use of stem cells to treat neurological disease bolstered with \$4.5 million in grants

By Tom Rickey

The laboratory headed by Steven Goldman, M.D., Ph.D., chair of the Department of Neurology at the University of Rochester Medical Center, has received \$4.5 million in new funding to further its efforts to use stem cells and related molecules to treat several disorders for which there are currently no cures.

The new funding, which will support work in the laboratory for the next three to five years, comes from a mix of private and government sources, including the National Multiple Sclerosis Society, the CHDI Foundation for Huntington's disease research, Biogen Idec and the National Institutes of Health.

Goldman's research is at the forefront of attempts to harness the promise of stem cells to benefit patients who suffer from neurological diseases.

Two newly funded projects focus on the molecular events involved in the repair of myelin. In one project, Goldman's team is working on ways to use stem cells derived from human skin cells as the source of cells to ultimately treat patients with multiple sclerosis. Goldman's lab has deciphered many of the molecular steps necessary to develop stem cells derived from skin cells into an oligodendrocyte, the type of brain cell that creates myelin in the brain. Now, the team has been awarded \$770,000 from the National Multiple Sclerosis Society to better define how these cells respond to demyelination in the brain, as occurs in MS, so that scientists can better

predict the effects of transplanting the cells into patients.

In a related project funded by a \$1.7 million grant from the National Institutes of Health, Goldman's team will establish mice whose brains contain some human oligodendrocytes and human myelin in order to recreate in these mice the type of damage that occurs in the brains of MS patients. By analyzing what happens to the cells at the molecular level, the team hopes to learn how to regenerate new myelin from progenitor cells that reside in the brain.

A closely related project, for which the lab was granted \$670,000 by Biogen Idec, focuses on using these mice with human myelin to study the progression of a rare brain disease, progressive multifocal leukoencephalopathy, which can affect people whose immune systems have been suppressed with medication. The virus is found only in the human brain, posing a problem for scientists who would like to study it thoroughly. But by seeding the brains of mice from birth with human myelin, Martha Windrem, Ph.D., research assistant professor in the Goldman laboratory has established mice that can be infected by the virus that causes the illness, opening up new possibilities to learn about the disorder.

In a fourth project, supported with a \$1.34 million grant by the CHDI Foundation, the team will explore the use of brain cells known as astrocytes to improve the condition of mice with Huntington's disease. The goal is to prevent the death of a type of cell, known as a medium spiny neuron, which degenerates and dies in patients with the disease. The new work focuses on using astrocytes derived from stem cells to change the local brain environment in patients with Huntington's disease.

The studies on myelin repair are closely linked to the lab's research on a group of fatal children's disorders known as pediatric leukodystrophies, in which myelin breaks down beginning in childhood. Goldman's laboratory has had unprecedented success using stem cells to extend the lifespan of mice with pediatric leukodystrophies, and the team hopes to begin clinical trials in children within the next few years.

Pediatrics associate chair leads national organization

Thomas McNerny, M.D., F.A.A.P., associate chair for clinical affairs in the University of Rochester Medical Center Department of Pediatrics, is the president-elect of the American Academy of Pediatrics (AAP), the nation's largest pediatric organization with a membership of 60,000 primary care pediatricians, pediatric medical subspecialists and pediatric surgical specialists.

He took office in October and will serve as the 2012–2013 AAP president.

"The highest priorities for the AAP and its membership are to ensure that, as health care reform continues to unfold, all children have access to high-quality health care," McNerny said. As president, he will work with legislators and other organizations to promote "facilitated enrollment," which identifies and encourages eligible families to acquire continual health insurance for children. McNerny also will press for pediatricians to be paid appropriately for providing a coordinated medical home for children.

"Cutting costs on Medicaid and the Child

Health Insurance Program (CHIP) will not yield substantial savings and potentially can lead to a decrease in access to quality health care for children," said McNerny. "Delivering this message will require a concerted effort of the AAP at the national and state level. I look forward to working with our dedicated membership in achieving these priorities."

McNerny has been a pediatrician in private practice in the Rochester area at the Panorama Pediatric Group for 40 years. He is the chair of the Town-Gown Committee that manages the relationship between the University and the community pediatricians, who hold faculty appointments.

"The relationship between the University and our community pediatricians is absolutely integral to the ongoing success of our research initiatives and community outreach," said Nina F. Schor, M.D., Ph.D., pediatrician-in-chief of Golisano Children's Hospital and William H. Eilinger Chair of Pediatrics at the Medical Center. "We owe Tom a debt of gratitude for all he has



done to serve our hospital and our community's children and we're delighted to share his talents with the rest of the country's pediatricians."

McNerny, a graduate of Dartmouth College and Harvard Medical School, did his pediatric residency training at Cincinnati Children's Hospital and Children's Hospital Boston. He is editor-in-chief of the *AAP Textbook of Pediatric Care*. He served on the AAP Task Force on Mental Health, which developed the AAP Mental Health Toolkit, and was one of the authors of the EQIPP module on the medical home.

Medical Center orthopaedics chair selected for key national advisory position

Regis O'Keefe, M.D., Ph.D. (PhD '00), chair of the University of Rochester Medical Center Department of Orthopaedics and Rehabilitation, has been appointed to the prestigious National Institutes of Health Council of Councils.

The National Institutes of Health council was established to advise the NIH director on priorities, strategic planning, and policy matters that extend beyond the research agenda of any specific area of health or medicine.

"The wealth of expertise brought by these individuals will enhance the council's



ability to achieve its mission by offering a diversity of perspectives and talents. Collectively the council will inform our approach to broad research initiatives shared across NIH and not limited to a single National Institute Center," said James M. Anderson, M.D., Ph.D., director of the NIH Division of Program Coordination,

Planning, and Strategic Initiatives, which was established as part of the NIH Reform Act of 2006.

The Council of Councils is made up of 27 members, 20 of whom were selected this year. O'Keefe, the Marjorie Strong Wehle Professor in Orthopaedics, was nominated by the National Institute of Arthritis and Musculoskeletal and Skin Diseases, of which he is a member.

A Harvard Medical School graduate and surgeon, O'Keefe specializes in orthopaedic oncology, or tumors of the bone, joints, and soft tissue, as well as adult reconstructive surgery and caring for patients with fragility fractures due to osteoporosis and osteopenia. He also serves as associate dean for clinical affairs in the School of Medicine and Dentistry and is past president of the U.S. Bone and Joint Decade.

School of Medicine and Dentistry names new associate deans

Mark B. Taubman, M.D., dean of the University of Rochester School of Medicine and Dentistry, has appointed new associate deans for faculty development and for academic affairs.

Janine R. Shapiro, M.D. (R '85), associate professor of anesthesiology, was named associate dean for faculty development, to direct the office that helps faculty improve their teaching skills and gain a better understanding of mentoring, academic career development and leadership.

Jeffrey M. Lyness, M.D. (BA '82, M '86), professor of psychiatry, was appointed to the new position of associate dean for academic affairs for the School of Medicine and Dentistry. The Office for Academic Affairs supports the collective and individual successes of School faculty, including processes for appointments, reappointments and promotions.

"Janine Shapiro and Jeff Lyness bring excellent skills and leadership to these important positions that will serve the School of Medicine and Dentistry today and in the future," Taubman said.

Shapiro has a longstanding interest in education, mentoring more than two dozen

Janine R. Shapiro, M.D.



residents, serving on education committees for more than 20 years and teaching numerous seminars. She has been director of faculty development since 2009 and is the founding chair of the Medical Education Research Interest Group of the School of Medicine and Dentistry. She was the William S. McCann Dean's Teaching Fellow from 2007 to 2009.

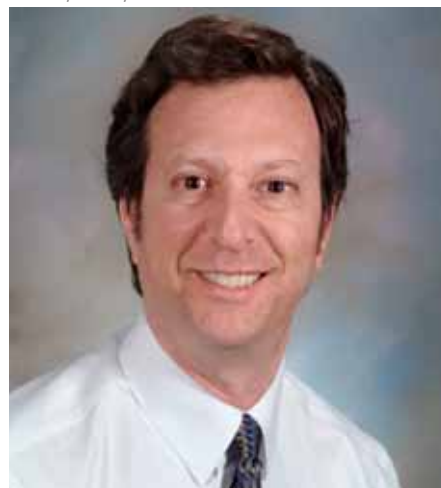
A graduate of the University of Montreal Medical School, Shapiro came to the Medical Center as a resident in 1983. As associate dean, she succeeds Denham S. Ward, M.D., Ph.D., who has retired as associate dean and as chair of the Department of Anesthesiology.

Lyness has been director of curriculum for medical student education since 2008 and medical director of continuing medical education since 2010. He has served on numerous committees and task forces assessing or developing programs, curricula and strategic plans. He has led clinical investigations and research training programs supported by National Institutes of Health grants over a 15-year period.

Lyness joined the faculty as a senior instructor and fellow in 1990. He has been associate chair for education in the Department of Psychiatry since 2007. Director of the Medical Center's geriatric psychiatry program since 1999, he is the immediate past president of the American Association for Geriatric Psychiatry.

In his new role, Lyness will assist Richard I. Burton, M.D. (R '64), senior associate dean for academic affairs, who has served in the position since 2003.

Jeffrey M. Lyness, M.D.



Medical Center selected for major roles in neuroscience network

By Mark Michaud

The University of Rochester Medical Center has been tapped by the National Institutes of Health (NIH) to play a critical role in a new national initiative to accelerate the process of turning promising discoveries into new ways to treat neurological diseases.

"The complexity and often rare nature of diseases of the central nervous system present a unique set of challenges in terms of developing new treatments," said Robert Holloway, M.D., M.P.H. (R '93, MPH '96, FLW '96), professor of neurology at the Medical Center. "This new initiative by the NIH will create the economies of scale and coordination necessary to rapidly and efficiently move novel therapies closer to the point where they can ultimately benefit patients."

The goal of the National Institute of Neurological Disorders and Stroke's (NINDS) newly created Network for Excellence in Neuroscience Clinical Trials—or NeuroNEXT—is to conduct exploratory studies of treatments for neurological diseases through partnerships with academia, private foundations, and industry. The network is designed to expand the Institute's capability to test the most promising new therapies, increase the efficiency of clinical trials before embarking on larger studies, and respond quickly as new opportunities arise to test promising treatments for people with neurological disorders.

The Medical Center is one of 25 clinical sites selected by NINDS in October.

"NeuroNEXT will expand the capacity to test the most promising new therapies for a wide range of neurological disorders affecting children and adults," said Elizabeth McNeil, M.D., the NIH/NINDS director who will oversee the program. "Through 25 clinical sites across the U.S., as well as a clinical and a data coordinating center, the NIH will provide the expertise and infrastructure needed to rapidly assess

treatments options as they become available from both academic and industry investigators.” The Medical Center will receive \$2.9 million over the next seven years to serve as one of NeuroNEXT’s clinical sites and provide supply chain management and central laboratory services to the entire network. Holloway is the principal investigator of the Rochester site which will be called UR-NEXT.

In addition to serving as a location where clinical studies will be developed and evaluated in patients, the Medical Center’s Clinical Materials Service Unit (CMSU) also will help manage the logistical drug supply operations of NeuroNEXT. CMSU, which is a part of the Center for Human Experimental Therapeutics (CHET), consists of a dedicated, regulatory-compliant facility which provides investigational drug/device packaging, labeling, and distribution services for large, multi-center clinical trials.

CMSU is currently involved in supporting the clinical supply needs of 18 clinical trials with funding from NIH, foundations, and several pharmaceutical and biotech companies. CMSU will coordinate the manufacture of clinical trial drug supplies through the University of Iowa Pharmaceuticals, a service division of the University of Iowa College of Pharmacy.

URMC Labs, operated under the Department of Pathology and Laboratory Medicine, will provide central laboratory services for NeuroNEXT, playing a critical role in evaluating the safety and efficacy of new therapies that will be tested by the network. URMC Labs will oversee specimen collection, safety testing, and, if necessary, the development of new methods to evaluate the impact of experimental drugs on study participants. CMSU and URMC Labs will work in coordination with Massachusetts General Hospital and the University of Iowa, which are providing overall project management and data coordinating roles for NeuroNEXT.



***U.S. News & World Report* ranks seven Medical Center specialties among nation’s best**

Steady improvements in quality have driven seven University of Rochester Medical Center programs onto *US News & World Report’s* list of best hospitals in America.

The new “2011–12 Best Hospitals in America” rankings, released in July by the magazine, mark the first time that four Medical Center programs for adults have earned a spot in the Top 50 since the rankings began in 1989. In May, the magazine scored three Medical Center pediatric subspecialties—orthopaedics, neurology and neurosurgery, and neonatology within the Golisano Children’s Hospital—in its “Best Children’s Hospitals” issue.

Included among URMC’s national list for adults programs are: gynecology, which is rated as the #32 best; urology entered the list at #39 best; nephrology scored at #42; neurology and neurosurgery, which are ranked together, made the list at #48. The Medical Center and Roswell Park Cancer Institute in Buffalo are the only upstate New York hospitals with adult programs scored in the Top 50.

In addition to the four nationally ranked programs, eight Medical Center specialties were listed as “top performing” programs, meaning that their scores were nearly at the level of the nationally ranked, Top 50 programs. These programs include cancer, cardiology and heart surgery, diabetes and endocrinology, ear, nose, and throat, gastroenterology, geriatrics,

orthopaedics, and pulmonology.

The regional rankings represent an update of those released in March when the magazine initiated its “Best Regional Hospitals” rankings. “These new *US News* rankings reflect the efforts of our physicians, staff, and leadership to provide outstanding care to our patients,” said Medical Center CEO Bradford C. Berk, M.D., Ph.D. (MD ’81, PhD ’81). “Our focus on continuous improvement and better outcomes has enabled these programs to markedly increase their overall *US News* scores since 2008.”

In 2007, the Medical Center launched a comprehensive Strategic Plan that made high-quality, safe patient care the Medical Center’s leading clinical goal. Since then, the Medical Center has instituted hospital-wide efforts to reduce infection rates, improve communication among members of care teams, and involve family members more closely in patient care decisions.

For the last 22 years, the magazine’s “America’s Best Hospitals” issue has used a variety of statistical and reputational measures including survival rates, patient safety scores, volume and reputation, to select the top 50 hospitals in each of 16 medical specialties. In 2007, the magazine also began to rank children’s hospitals in both general pediatrics and ten subspecialties. Of the more than 5,000 hospitals in the U.S., only 140 were considered of high enough quality to be ranked in even a single specialty.

Medical Center and Temple University create drug discovery partnership

The University of Rochester Medical Center and Temple University School of Pharmacy have formed a partnership to enhance translation of novel medical research into new drugs for treating diseases. "This is a perfect marriage of the world class drug discovery and medicinal chemistry programs of Temple University with the strong biomedical expertise of the Medical Center and its faculty," said Stephen Dewhurst, Ph.D., chair of Rochester's Department of Microbiology and Immunology. "I am excited by the opportunities this creates to explore innovative therapeutic approaches and targets."

Magid Abou-Gharbia, Ph.D., director of Temple University's Moulder Center for Drug Discovery Research, said "the disease program areas of the University of Rochester Medical Center overlap significantly with those of the Moulder Center."



Stephen Dewhurst, Ph.D.

"The two organizations bring complementary experience and skills to the table and the combination of the two will undoubtedly lead to many new drug discovery projects and increase the chances of identifying new drugs for treating unmet medical needs," he said.

Abou-Gharbia, who previously worked as senior vice president of discovery research at Wyeth for 26 years, has led the Moulder Center since its creation in 2008. Moulder is home to a unique, state-of-the-art laboratory that brings together pharmaceutical talent, instrumentation, and software to create one of the nation's top centers for integrated drug research.

The partnership reflects a growing trend in medical research in which academic institutions have become more directly involved in the drug discovery process, a role that has historically been filled by the pharmaceutical and biotech industries. As drug companies cut back on in-house research and development and become more risk-averse, they are increasingly looking to universities to conduct the early stage research necessary to identify promising new discoveries. For academic institutions, this means playing a more active role in identifying and guiding new compounds from the earliest stages of research to becoming a new drug.

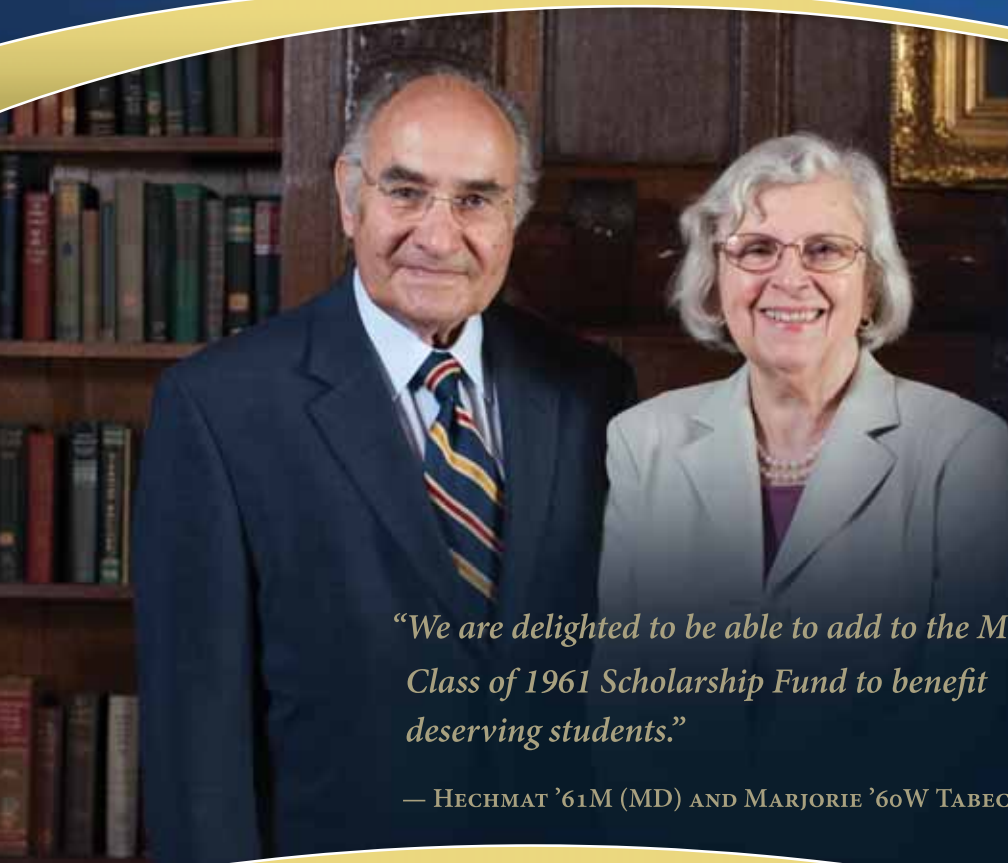
The agreement enables scientists at the two institutions to collaborate and move discoveries to the next stage of research by identifying compounds that act upon new targets and may ultimately form the basis for new therapeutics. Medical Center scientists will work with Moulder Center's medicinal chemistry and other drug development capabilities to rapidly screen large numbers of compounds to identify novel drug candidates that can undergo a battery of pre-clinical tests in the lab and in animal models necessary to ensure that they are stable, not toxic, and act as intended.

Some 30 Rochester research projects have already been identified as potential candidates for this collaboration.

"This is a perfect marriage of the world class drug discovery and medicinal chemistry programs of Temple University with the strong biomedical expertise of the Medical Center and its faculty."



A Legacy OF OPPORTUNITY



"We are delighted to be able to add to the MD Class of 1961 Scholarship Fund to benefit deserving students."

— HECHMAT '61M (MD) AND MARJORIE '60W TABECHAN

Inspired by his experience in service to the School of Medicine and Dentistry's Alumni Council and the Admissions Committee, and in honor of his 50th Reunion, Dr. and Mrs. Hechmat Tabechian have made an investment in the MD Class of 1961 Scholarship Fund by means of a University of Rochester charitable gift annuity. This commitment is an expression of their strong desire to support quality education and make it accessible to worthy students.

KEY FEATURES OF A CHARITABLE GIFT ANNUITY

- Fixed income for life, a portion is tax-free for a period of years
- An immediate charitable income-tax deduction
- A generous gift to be used as you direct

AGE	FIXED ANNUITY RATE
65	5.3%
70	5.8%
75	6.5%
80	7.5%
85	8.4%
90	9.8%



For more information, a confidential conversation about gift annuities, or other planned giving methods, contact the Office of Trusts and Estates.
(800) MELIORA (635-4672) or 585-275-7547
craimy@admin.rochester.edu • www.rochester.giftplans.org

Please consult your advisors about the applicability to your own situation of the legal principals contained herein.

Two major gifts spark campaign for a new Golisano Children's Hospital



In October, the Golisano Children's Hospital launched a \$100 million campaign to raise funds to build a new hospital and focus on programs to enhance care, research and education for current and future patients. A few months earlier, entrepreneur and philanthropist B. Thomas Golisano, for whom the hospital is named, announced a \$20 million lead gift to bolster plans to construct a new facility.

Two other champions of the hospital sparked the campaign with major gifts in January. Mark Siewert, the Golisano hospital board chair, and his wife, Marcia, pledged \$1 million while J. Michael Smith, a chair of the campaign, and his wife, Alice, pledged more than \$1 million.

The \$100 million campaign is a component of *The Meliora Challenge, The Campaign for the University of Rochester*, the \$1.2 billion comprehensive drive announced in October.

The Medical Center's overall goal in *The Meliora Challenge* is \$650 million.

The donations from the Siewerts and the Smiths are among the first large gifts by individual donors to the campaign.

The new Golisano Children's Hospital is still in the planning process and will require approval by the state before construction can begin. The new facility, which will be more than 200,000 square feet, will be located on Crittenden Boulevard, adjacent to Strong

Memorial Hospital. A ground-breaking is expected in August 2012.

The new \$134 million hospital will consolidate units that care for admitted children. Plans include a new, 60-bed Neonatal Intensive Care Unit, pediatric imaging and 56 private pediatric rooms. Rooms in the new building will be one-third larger than current private rooms, ensuring greater comfort for patients, families, and caregivers.

The new design will allow patients to be grouped by disease or injury, giving the hospital more opportunity to specially train nurses and other staff members to become experts in common ailments, such as asthma. The Pediatric Intensive Care Unit/Pediatric Cardiac Intensive Care Unit also will move to the new building.

Siewert, former owner of the Siewert Equipment Company in Rochester, took over as board chair in June, 2010. He also is one of the campaign leaders, along with Smith and Elizabeth "Lissa" McAnarney, M.D., former pediatrician-in-chief of the children's hospital,

professor and chair emerita of the Department of Pediatrics.

Smith joined the children's hospital board in 2006. In 2008, Smith and his wife served as honorary chairs for Golisano Children's Hospital's gala. Smith's company, The Cabot Group, also provided support to the gala that year, serving as presenting sponsors, and the company committed to serve as presenting sponsors for the gala until 2017. Smith has also been part of the sponsorship committee for the hospital's annual golf tournament, and The Cabot Group has provided sponsorship for the golf fundraiser over the years as well. Those sponsorships, along with the gift toward the building, take the Smiths' donation to a total \$1.3 million.

The Golisano campaign focuses on enhancing care, research and education for the benefit of current and future patients in seven priority areas: cancer, neonatology, autism, eating disorders, cardiovascular disease, surgery and supportive care. Golisano's original \$14 million in 2002, which named the hospital, helped recruit outstanding faculty and expand programs in cardiac care, general surgery, neuromedicine, and more. But, as a hospital-within-a-hospital, Golisano Children's Hospital has lacked an identity separate from Strong Memorial Hospital and the facilities to match the caliber of its programs.





Spinal cord injury research and a personal connection encourage giving

In New York City in September, Mark Noble, Ph.D., director of the University of Rochester Stem Cell and Regenerative Medicine Institute, gave a lecture on novel therapies for the injured central nervous system, research that has demonstrated significant potential for the treatment of spinal cord injuries.

A professor of genetics, neurology, neurobiology and anatomy at the Medical Center, Noble told the gathering about the central nervous system's nerve cells and axons, the myelin-making oligodendrocytes, the multi-functional astrocytes, progenitor cells, which he called the workhorses of tissue building and repair, and about new discoveries that hold great hope for therapeutic advances.

But, this was not a lecture in a medical center classroom or at a scientific conference. Noble discussed the research at a private club in Manhattan before about 130 people brought together by Nancy Lieberman, a member of the board of trustees of the University of Rochester.

It also was a lecture with a very personal connection. Lieberman,

a 1977 graduate of the University and now a partner in a New York City law firm, suffered a serious spinal cord injury in a skiing accident on Christmas Eve in 2007 that made her a quadriplegic.

A visit by Noble to her hospital bed about 10 weeks after the accident and his discussion of treatment possibilities, Lieberman said, gave her hope when her own doctors had given her little.

"His visit and what he later told me about his research really kept me going," she said.

Still paralyzed from the midsection down, Lieberman can move her arms and has limited movement of her fingers. Though in a wheelchair, the partner at Skadden, Arps, Slate, Meagher & Flom LLP has returned "full blast" to her profession and to her successes as a lawyer. The September gathering of her friends was, in a sense, Lieberman thanking Noble and helping the research to move ahead more quickly.

"I felt it was inappropriate to ask my friends to make a contribution in advance in order to have dinner in my home. I thought my friends should meet Dr. Noble and his colleagues, Dr. Margot Mayer-Proschel and Dr. Christoph Proschel, and then decide what contribution, if any, they wanted to make to further the team's research," Lieberman said.

"I invited people who knew this was a cause near and dear to me,"

Above: University trustee Nancy Lieberman, center, with friends Beth Ring, left, and Marcea Lloyd.



she added. "They understood we would ask for money, but I needed them to hear what Mark Noble and the Proschels had to say."

The group responded, giving even more generously than Lieberman expected. As of Jan. 15, \$526,537 has been contributed to the Friends of Nancy Lieberman Fund to support spinal cord injury research at the Medical Center.

"There are people at the Medical Center and the University who are doing extraordinary research on diseases and other problems that would resonate with others the way the research of Mark Noble and his colleagues resonated with my friends," Lieberman said. "I hope other friends of the University read about this, get in touch with the University to learn about research and get involved in a significant and meaningful way."

Finding a way to heal an injured spinal cord

Noble is part of a research team highly experienced in studying development and injury of the brain and spinal cord. He was part of the team that discovered the oligodendrocyte progenitor cell more than 30 years ago, launching the field of stem cell biology in the nervous system. In the early 1990s, his laboratory then discovered how to use the progenitor cells in transplantation to repair myelin breakdown in the damaged spinal cord.

The other key members of the Rochester research team are Margot Mayer-Proschel, Ph.D., associate professor, and Christoph Proschel, Ph.D., assistant professor, in the Department of Biomedical Genetics.

Mayer-Proschel led the second generation of progenitor cell discovery in the nervous system, and discovered the progenitor cells now used by the group to make astrocytes, the major cells in the nervous system dedicated to supporting nerve cells and other cells of the brain and spinal cord. Chris Proschel is leading the team's studies on the specialized human astrocytes that are critical for clinical use and is developing new astrocyte transplantation therapies for the brain and spinal cord.

The Rochester team is partnered with two experts in spinal cord injury, Stephen Davies, Ph.D., associate professor of neurosurgery, and Jeannette Davies, Ph.D., assistant professor of neurosurgery, at the University of Colorado at Denver School of Medicine.

In a 2011 article in the scientific journal *PLoS One*, with Christoph Proschel and Jeannette Davies as the lead authors, the researchers demonstrated that using a specific human astrocyte sub-type is essential for healing the injured spinal cord.

In this work, the research team isolated human glial precursor cells, those first identified by Mayer-Proschel, and exposed them to different signaling molecules to turn them into two very different kinds of astrocytes. Those exposed to bone morphogenetic protein, or BMP, provided significant benefit when transplanted in rats with transected spinal cords, including up to a 70 percent increase in protection of injured spinal cord neurons, support for nerve fiber growth and marked recovery of motor function.

"We achieved levels of spinal cord injury repair that are far better than are seen with any other repair strategy," Noble said.

Remarkably, in work recently presented by the Rochester and Denver teams at the Society for Neuroscience meeting in November 2011, astrocyte transplants were able to promote repair in long-term, chronically injured animals. When injured animals received astrocyte transplants four



Top: Mark Noble explains the progress of his research.

Center: Margot Mayer-Proschel with guests Connie Steensma and Richard Prins.

Bottom: Christoph Proschel with guest Martin Berman



Mark Noble talks with Silda Wall Spitzer, her husband Eliot Spitzer and Judith S. Kaye, former Chief Judge of the State of New York.



Nancy Lieberman, with friend Jason Flom, ask the group to think "big and large."

"There are people at the Medical Center and the University who are doing extraordinary research on diseases and other problems that would resonate with others the way the research of Mark Noble and his colleagues resonated with my friends," — Nancy Lieberman

weeks or even eight months (or nearly half the life span of a typical rat) after being injured, the animals still recovered. This is significant because most people with spinal cord injuries have chronic injuries.

The research team now wants to move ahead to human clinical trials, using cells that will be generated in a specialized University of Rochester facility currently being built that is dedicated to growing cells for clinical use. But, the cost of such work is high, perhaps as much as \$7 million to \$10 million to reach and complete the first stage of clinical trials, Noble told the gathering.

Exceeding expectations

After Lieberman was injured in 2007, University President Joel Seligman asked Noble if he would visit her, even though the two of them had never met. Noble arrived at a Manhattan hospital on what Lieberman recalls as a rainy, raw and dreary Saturday afternoon in March 2008.

At this time, her arms were contracted close to her upper body, with almost no ability to move them. Worse, she had been told it was unlikely that she would get better.

"Mark told me not to listen to the Dr. No's," Lieberman said. "He said: 'I am here to tell you there is hope.'"

Noble recommended a drug that enables axons that have lost their insulating myelin sheaths to conduct impulses. Approved by the FDA for treating people with multiple sclerosis, it also has benefited some people with spinal cord injuries. He also introduced Lieberman to Rajiv J. Ratan, M.D., Ph.D., executive director of the Burke Medical Research Institute, and his colleagues who are developing novel robotics-based approaches to physical therapy that show promise for promoting recovery in chronic spinal cord injury.

Lieberman started the drug therapy and entered the robotics program. Within a year, she had regained sufficient arm movement to return to work. During that time, she met others with a similar injury, including

a young girl whose spinal cord had been severed by a stray bullet.

After the publication of the *PLoS One* article, Lieberman, bolstered by the research team's success and resolved to give others hope, began to plan for a fundraising event. "I am in a position to advocate for others who do not have the wherewithal that I have or who can't reach people for whom this would resonate," Lieberman said. "This research can help others. It is not just about law firm partners who hit a tree while skiing. This is really for many others, including girls in areas where gunshots go astray and for boys who jump in unexpectedly shallow pools of water. Very few kids will make it back as far as I have as they don't have established careers like me. None of us would like to live like this and I wanted to do something about it."

Lieberman originally planned to hold the gathering in her Manhattan apartment, but as the acceptances mounted, she moved the dinner party to a private club. She thought 70 would attend, but 128 came.

When the research presentation was completed, her friend, Jason Flom, rose, pledged \$25,000 and told the group to think "big and large."

Lieberman thought the event could bring in perhaps \$200,000.

"We vastly exceeded my personal goal. It is pretty awesome," she said.

An important aspect of the event is that the money raised provides unrestricted funding for the team's work on spinal cord injury, Lieberman said, that will enable them to recruit additional graduate students and fellows. The money also can influence foundations to support the research because it shows strong support in the community.

"When an event is very personal to you, your friends will show up and write checks that you can't imagine," Lieberman said. "If Nancy Lieberman can do this from a wheelchair, others can too. I urge other members of the Rochester community to learn about the world class research being conducted at the Medical Center by contacting Frank Interlichia, senior associate vice president for Medical Center Advancement at 585-275-5880."



Alumni honored for achievements and service at Reunion Weekend 2011 ceremonies

The University of Rochester School of Medicine and Dentistry cited alumni for career achievements and service in ceremonies during the October Meliora Weekend.

Paul F. Griner, M.D. (M '59) received the Distinguished Alumnus Award, which recognizes outstanding and widely recognized achievement, particularly by one who exemplifies the standards and objectives of the School of Medicine and Dentistry.

Robert M. Sutherland, Ph.D. (PhD '66) was awarded the Dean's Medal, which recognizes extraordinary service, philanthropy, and leadership to the School, and dedication and commitment that inspire others to take leadership roles at the University. It is among the highest honors given by the School.

The Alumni Service Award, which recognizes a graduate who has furthered the interests of the School of Medicine and Dentistry through significant support, commitment, and service to the School, was presented to Frank W. LoGerfo, M.D. (M '66).

John E. Brewer, M.D. (M '74) received the Humanitarian Award, which recognizes graduates of the School of Medicine and Dentistry who have contributed to the betterment of the world by their selfless alleviation of suffering among those in need.

The John N. Wilder Award, which honors an individual, family, association, corporation, or foundation whose philanthropy inspires others in support of an "Ever Better" University, was presented to Barbara A. Simms, a former teacher who has become an active standardized patient and supporter of the School.

Griner, a University trustee and professor emeritus of medicine at the School of Medicine and Dentistry, began his career at the Medical Center in 1964 as chief resident in medicine and as fellow in hematology. That same year, he was named an instructor of medicine at the School of Medicine and Dentistry where he remained on the faculty for 31 years, holding the Samuel E. Durand Chair of Medicine from 1973 to 1995. He was head of general medicine from 1976 to 1984. He became general director and CEO of Strong Memorial Hospital in 1984 and held that position until 1995.

Griner then served as vice president and director of the Center for the Assessment and Management of Change in Academic Medicine at the Association of American Medical Colleges, a post he held until 2000. He was senior fellow at the Institute for Healthcare Improvement from 2002 to 2008, and senior lecturer in medicine at Harvard Medical School from 2007 until July 2011.

A resident of New Preston, Conn., and Boston, Griner chairs the School of Medicine and Dentistry National Council and is a member of the University of Rochester Medical Center Capital Campaign and the University's Boston Regional Cabinet. A mentor to medical students, residents, and faculty throughout his career, he established the Paul F. Griner, M.D. Merit Scholarship in 2007.

Sutherland is a former University of Rochester faculty member and retired researcher who focused on the development of cancer therapies and

Above: Robert Sutherland, Paul Griner, Barbara Simms, John Brewer, Mark B. Taubman and Frank LoGerfo

the mechanisms of resistance of cancer to therapy. His early advocacy and vision for support of technology transfer led to the founding of the University of Rochester's Technology Development Fund.

He served as a faculty member in biophysics and radiation oncology at the University of Western Ontario from 1967 to 1976, at the University of Rochester from 1976 to 1988, and at Stanford University from 1998 to 2006. At Rochester, he was a founding faculty member and associate director for experimental therapeutics in the Cancer Center.

Sutherland also served as president of Varian Biosynergy and as a vice president of Varian Medical Systems from 1995 until 2006. In 2007, he was named vice president, commercialization, at the Ontario Institute of Cancer Research and today serves as senior investment officer for the Institute and as a consultant. He is a founding board member of the Canadian Cancer Stem Cell Consortium. He is also chair of the Centre for Imaging Probe Development and Commercialization, a Canadian Centre of Excellence.

A resident of Menlo Park, Calif., Sutherland is a member of the School of Medicine and Dentistry National Council and the University's San Francisco Bay Area Regional Cabinet. He and his wife recently established the Karen Webb Sutherland and Robert M. Sutherland Endowed Nursing Scholarship Fund and the Robert M. Sutherland '66M (PhD), P'85 and Karen Webb Sutherland '61N, P'85 Endowed Medical Technology Development Fund.

LoGerfo is the retired chief of vascular surgery and chair of the Department of Surgery at the Beth Israel Deaconess Medical Center in Boston, where he serves as the William V. McDermott Distinguished Professor of Surgery at Harvard Medical School. He is nationally recognized for his research on vascular bypass grafts and the development of novel techniques to treat patients with diabetes.

He has authored more than 240 peer-reviewed publications and 55 book chapters. The recipient of several prestigious awards, including the Harold Bengloff Award for Humanism in Teaching in 2000 from the Department of Surgery at Beth Israel Deaconess, he received an honorary degree from Harvard University in 1992. In 2010, the American College of Surgeons dedicated its annual scientific session to LoGerfo in honor of his innovative leadership and distinguished surgical career.

An advocate and volunteer for the University, LoGerfo also provided strategic direction on key School of Medicine and Dentistry councils and committees. A former member of the School of Medicine and Dentistry Alumni Council, he continues to help shape the University's future through his service on the University's Boston Regional Cabinet. Known for his mentoring of young surgeons, LoGerfo is also deeply committed to supporting the financial needs of the School's promising medical students. He and his wife established the Frank W. and Judith M. LoGerfo Scholarship Fund in 2004.

Brewer has done volunteer work at Chicupe Rural Hospital in Mozambique, directed a student-run summer migrant clinic in Michigan, and participated in clinics for the homeless. A family practitioner for more than 30 years, he has developed and taught courses in international health, caring for the underserved, rural health, and health disparities.

After he completed his residency, Brewer served for two years as a missionary physician at Bambur General Hospital in Gongola State, Nigeria. From 1980 to 1984, he was a family physician at Laurel Fork-Clear Fork Health Centers in Clairfield, Tenn., an area known for coal mining, where he provided care for a rural population at three mountain clinics.

In 1984, Brewer joined the Academic Family Practice at Michigan State University/Saint Lawrence Family Health Center. He managed that



Paul F. Griner gives the Distinguished Alumnus Lecture

University's urban family medicine residency program until 1993. When he and his wife relocated to Buffalo, he accepted a teaching position in the Department of Family Medicine at State University of New York at Buffalo and a clinical practice and medical director position at the Upper Westside Family Health Center. For the past nine years, Brewer was medical Director and physician at Niagara Family Health Center, an urban family practice in Buffalo. Earlier this year, he discontinued his clinical practice to develop a new palliative medicine consultation service for non-hospitalized patients.

For most of her education career, Simms worked in the Penfield Central School District in the Rochester suburbs, where she served as the reading specialist at Indian Landing School. Over the course of her 32-year career, she helped hundreds of children overcome their challenges and learn to read and flourish as students.

For the past four years, she has played the role of a patient presenting to physicians-in-training, helping them sharpen their diagnostic abilities. Through her service, Simms helps enhance medical students' skills in the areas of interviewing, history taking, diagnosing, performing physical exams, and counseling.

Simms made a generous commitment in 2009 to establish the Barbara A. Simms Endowed Scholarship, based on the premise that "helping one doctor could affect thousands of people and their health."

In addition to School of Medicine and Dentistry programs, Simms supports programs at the James P. Wilmot Cancer Center and the University.



To listen to Paul Griner's lecture, visit *Rochester Medicine* online at www.rochester-medicine.urmc.edu



Reunion Weekend 2011

Many returned for the nostalgia and good times of the University of Rochester School of Medicine and Dentistry's part of Meliora Weekend in October.

Pictured on the opposite page from top to bottom, are member of the Class of 1961, the Class of 1981, the Class of 1986 and the Class of 2001. Above, School of Medicine and Dentistry Dean Mark B. Taubman, M.D., stands with the Class of 1961 after they received 50th reunion medallions. Below left are Gerald Metz, Robert Kraunz, and Mark Levy from the Class of 1961. Below right, Hechmat Tabechian, receives his medallion from the dean. He is class agent for the Class of 1961.







Pictured in the top row from the left are: Mark B. Taubman, M.D., dean of the School of Medicine and Dentistry, and James Chesebro (M '66); Kathy Rideout, (EdD '95W, FLW '03N), interim dean of the School of Nursing and Jeff Rideout; and Cheneé Tyson (BS '06, M '10) with Paul Schloerb (M '44). Above left is Michelle Steffers (M '86).

Above right are Frank LoGerfo (M '66) and Judith LoGerfo. Below left, Virginia Parker (BA '61) and Frederick Parker (BA '58, M '62) greet K. Leo

Buxbaum (M '56) and Frances Buxbaum. Seated at the table are Caroline and R. Dean Coddington (M '51).

Below right, The Flaum Atrium in the Kornberg Medical Research Building is set for the alumni lunch with the School of Medicine and Dentistry's dean.





In the top left is Paul F. Griner (M '59) with recipients of the Paul F. Griner Merit Scholarship, Colin Lyness, Michael Feldman, Michael Hunter, and Ted Ryser.

At top right are Sade McKenzie, recipient of the Barbara Simms Endowed Scholarship, with Barbara Simms and Bob Dunton.

Above left are medical student Janna Gewirtz and her parents, Ilene Gewirtz, M.D., and Michael Gewirtz, M.D.

Above right, from the left, are Karen Sutherland (BS '61), Sharon Nazarian (BS '62), Lawrence Nazarian (M '64, R '66), Bradford C. Berk (M '81, PhD '81), Robert M. Sutherland (PhD '66), Edith Lord, Ph.D., Rene H. Reixach Jr., and Kathleen Sutherland Archuleta (BA '85).

Below left are Judith McKelvey, Marilyn Brown, and Carol Nadelson of the Class of 1961. Below right are Dean Arvan, M.D., professor emeritus, and Arthur Moss (R '62).



Q&A with Jules Cohen, M.D.

An alumnus and faculty member discusses Romano, Engel and the rewards of teaching.



“The biggest challenges in medical education are no different than when I was a student: the sheer mass of what students have to grapple with and the array of psychosocial forces influencing health. They are inundating. The Medical Center itself also is huge compared to what it was. And that has an influence.”

Jules Cohen, M.D. (BA '53, M '57), celebrated his 80th birthday last year. His career as a cardiologist, researcher, medical educator and administrator spans more than 50 years. Cohen joined the University of Rochester School of Medicine and Dentistry faculty as an instructor in the Department of Medicine in 1963. He was promoted to assistant professor in 1966, associate professor in 1969 and professor in 1973. From 1963 until 1976, his work in cardiology included clinical care of patients, teaching of medical students, residents, and cardiology fellows, and research into the pathogenesis of cardiac hypertrophy and, with Marshall Lichtman, M.D., studies of oxygen transport. He continued all of these activities at the Medical Center after moving in 1976 to Rochester General Hospital as chief of medicine, and then director of medical services as well. In 1982, he returned to the School as senior associate dean for medical education and continued in that position for 15 years. Cohen is a professor of medicine and cardiology. A member of the Alumni Council, he is co-author with Stephanie Brown Clark, M.D., Ph.D., associate professor medical humanities, of *Paul Yu Remembered* and of *John Romano and George Engel: Their Lives and Work*.

When you look back to your days as a medical student, who stands out as a teacher or mentor? George Engel, John Romano, Wallace Fenn and Paul Yu. What made them good teachers was their capacity for clarity, their capacity for making you think, and their making it quite clear that they were interested in you as you personally. There were many other teachers who also were inspirational, but I would pick these four out of the crowd.

Are the traits you saw in those four the most important in a medical school faculty?

When I was in the dean's office, we asked this same question of alumni from various decades.

When we asked those alumni from the 1930s and early 1940s what was important about their medical school experience, they said the collegiality of the institution and the personal attention given by faculty members to students as students. When we interviewed people from the late 1940s, 1950s, 1960s and 1970s, without exception, the first words out of their mouths were Romano and Engel. They became close to and influenced a lot of students. Their ideas are still alive today. They were the fathers of the biopsychosocial model and their ideas might be even more relevant today than they were 50 years ago because there are now so many forces in medicine forcing physicians to think about the technological aspects of illness as opposed to the human dimension.

What are the biggest challenges today in medical education?

The biggest challenges in medical education are no different than when I was a student: the sheer mass of what students have to grapple with and the array of psychosocial forces influencing health. They are inundating. The Medical Center itself also is huge compared to what it was. And that has an influence. I remember when some of the building of the 1950s and 1960s was going up, George Whipple telling us the story that George Eastman said to him when the place was first finished: “Well George, you’re never going to have to add another brick to this place.” He got that one wrong.

Were you always interested in becoming a cardiologist?

Yes, from the beginning, I wanted to be a cardiologist. But I spent some summers as a student researcher with George Engel. There were about eight or 10 of us from a couple different classes. I remember our meeting in Engel's office every Friday afternoon to report on our frustrations as well as our accomplishments. He was a great director of our efforts. The first

More than 3 Decades of Generosity ...

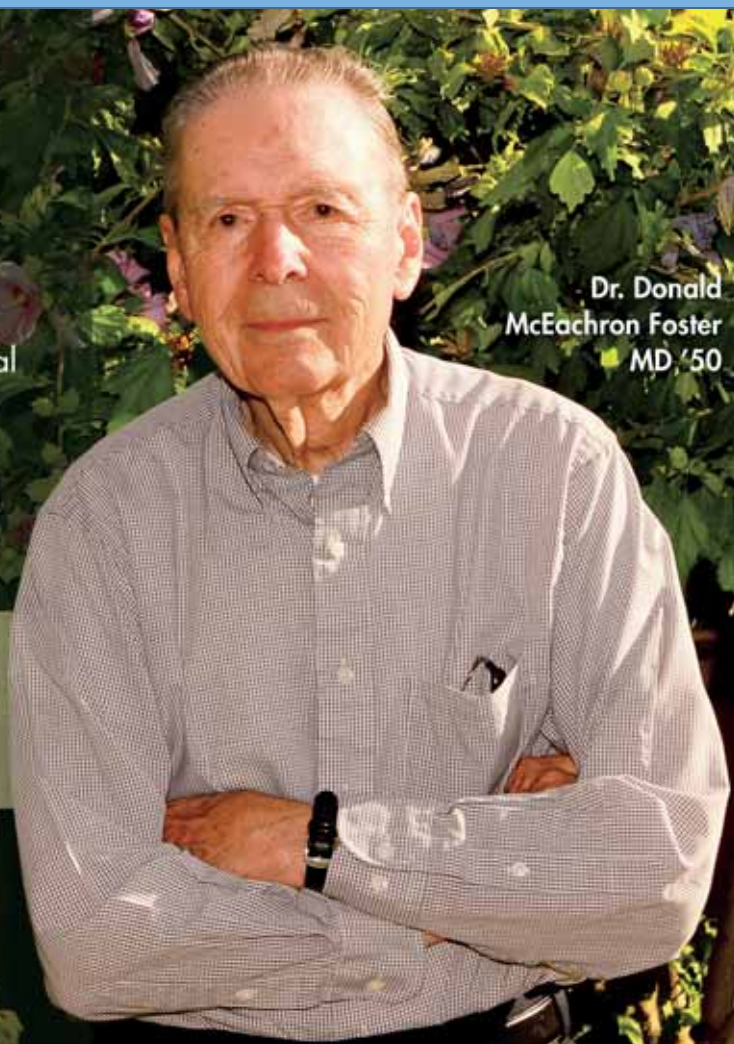
“I support the School of Medicine and Dentistry each year to demonstrate my pride in the exceptional medical education I received in Rochester. By making annual fund gifts, I can ensure that others have the opportunity to pursue their passion for medicine, allowing them to fulfill their personal and career aspirations.”

Dr. Foster has been a loyal supporter of the School of Medicine and Dentistry for over 35 years. He has also made a provision for the School in his estate plan. Thanks to alumni like Dr. Foster, our students are able to pursue their own aspirations of a career in medicine. To show your loyalty today, visit www.rochester.edu/annualfunds/SMD.



SCHOOL OF
**MEDICINE &
DENTISTRY**
UNIVERSITY OF ROCHESTER
MEDICAL CENTER

**OFFICE OF ANNUAL
GIVING PROGRAMS**
800.589.1330
annualfunds@rochester.edu



**Dr. Donald
McEachron Foster
MD '50**

summer, we were studying the influence of psychological variables on gastric secretion in a four-year-old black girl who had swallowed lye and had developed esophageal atresia as a result. The study grew out of Engel's earlier famous work with Monica, the infant born with esophageal obstruction. The last year, Stan Friedman and I had an interesting project. We studied the influence of psychological factors on the immune response. We studied the response to cholera and plague vaccine to which patients had not been previously exposed. We studied depressed patients, schizophrenic patients, normal patients and even our classmates. We found that the immune response was depressed in depressed patients.

Was it difficult writing your book about Romano and Engel?

It was a very long and laborious five-year process. Our oldest son knew we were even struggling to come up with a title for the book. He called me one day and suggested we call it

"This Damn Book." This past year, the provost had a reception for faculty who had published a book during 2010. We each were asked to say a few words and I told about my son's suggestion. The provost later whispered in my ear: "We've all written that book."

Are you working on another book?

Not another book. We're doing a long paper on the ongoing evolution of Romano's and Engel's influence in medical school programs since their deaths. I'm writing it with Diane Morse (an assistant professor of psychiatry and medicine), who was Engel's last liaison fellow, and Kathy Johnson, who was my administrative secretary when I was in the dean's office and is a burned-out high school English teacher and a great writer.

And you continue with other work too?

I come to the Medical Center every day and I work. I do an occasional cardiology consult. I'm doing a lot of teaching. I'm teaching a first-

year problem-based learning group, which I've done for the last several years. I do that all first semester and I teach the third-year internal medicine clerkship in the spring. I love teaching. I make a lot of good friends that way. I have a group of eight or nine students who started out as a problem-based learning group several years ago. They stay in touch with me. I learned about connecting with such a group from John Romano, who had similarly devoted students who stayed connected to him for several years.



To order Dr. Cohen's book on John Romano and George Engel, e-mail Amy Gregory at: Amy_Gregory@urmc.rochester.edu.

Q&A with Robert Shelly

An alumnus returns to the Rochester area to utilize the biopsychosocial approach to medicine he learned at the School of Medicine and Dentistry.

Robert Shelly, M.D. (M '93, R '98) recently was appointed chief medical officer for Geneva Community Health and Finger Lakes Community Health. He previously served as medical director of Quincy Community Health Center in Quincy, Washington. Finger Lakes Community Health, which has five health centers, was founded in 1989 as a provider of health care for agricultural workers. It has expanded to provide comprehensive health care for all in the region. The organization also administers a federal migrant voucher program to provide health services to farm workers in 42 Upstate New York counties.

How did you become interested in rural community health?

Serving the rural poor is a part of my family heritage, a core value for three generations. My grandparents served as physicians in India with the Mennonite Church for 30 years, and I spent my early childhood in rural Congo, where both of my parents also were physicians serving under the Mennonite Church. I always have enjoyed surrounding myself with people from a variety of cultures and backgrounds, and feel an affinity for those living on the margins of society.

Why did you pick Rochester's School of Medicine and Dentistry?

I learned of the University of Rochester from my older brother, Mark, now an infectious disease



physician at Highland Hospital. He was finishing his internal medicine residency in Rochester, and spoke highly of the School of Medicine and Dentistry. I appreciated the personable and collegial atmosphere at the school, and valued the biopsychosocial model of care.

I value the mentors I had at the School of Medicine – Tim Quill and Ellen Gellerstedt, and many others. The basic elements of the biopsychosocial model—listening to the patient with curiosity about their context and perspective—are also the core elements of the “cultural sensitivity” skills that are encouraged in medicine today.

What did you do after you completed your residency in Rochester?

My wife, who is a registered dietitian, and I spent 4½ years in the Central American countries of El Salvador and Nicaragua. We worked in isolated rural areas, providing basic primary care and training local health workers. I taught local health workers, often with only a few years of formal education, to manage a medicine kit of about 10 medications and provide basic primary care in their communities.

After practicing without labs, x-ray support and the trappings of modern medicine, I decided that if I wanted to keep up my skills, we had come back to the United States. But I very much wanted to continue working with the under-

served in a rural setting. That's how I landed in rural Washington State, in an agricultural area with a large Latino immigrant farm worker population. It worked well for me as a transition from international work, as I was immersed in Latino culture and the Spanish language for the majority of my day. During my eight years in the town of Quincy, it was rewarding to see the clinic grow from small beginnings to the largest health care provider in our area.

What brought you back to the Rochester area?

While we very much enjoyed our work in Washington State, we felt a need to be closer to our families living in the northeast. Again, we sought out work in rural, underserved communities and Finger Lakes Community Health has been a good fit. As a Federally Qualified Health Center, we receive grants that enable us to provide medical care at low cost for folks who lack access for economic, language or geographic reasons. We serve a large population of immigrant agricultural workers from Mexico, Central America, Haiti and Jamaica, and serve the year-round residents of our communities as well. We are the only local providers for those without health insurance. To reduce barriers to care, we have outreach services that provide transportation, translation, home/in-camp visitation, and assistance with “navigating the system” for those who need it.

As medical director, I have my own clinical practice and supervise eight clinicians in five small clinic sites.

What do you see in the future for your clinics?

I hope to see the rural Finger Lakes region dotted with a growing network of small Community Health Centers that provide quality primary care where it was previously unavailable. What appeals to me is the opportunity to participate in this growth—not in profits, but in meeting needs.

One of our greatest challenges in this work is attracting physicians who share an appreciation for work in rural areas, given the shortage of primary care physicians in general and the lack of urban amenities in small towns. For me, the rewards of rural practice are many. I have the chance to know a community intimately, to place the medical needs of the individual in the context of their life story and their culture, and to fill unmet needs. This is the essence of the biopsychosocial approach that was modeled for me at Rochester.

If you see any alumni whom you would like to contact, use the Online Directory at www.alumniconnections.com/URMC to find address information.

Submit your class notes to your class agent or to RochesterMedicineMagazine@urmc.rochester.edu.

Note: MD Alumni are listed alphabetically by class, Resident and Fellow alumni follow in alphabetical order, and Graduate Alumni are listed separately in alphabetical order.

MD Alumni

Class of 1949

Robert Neubecker (BA '46) is enjoying the tropical weather of Hawaii, the exotic beauty of Oahu, and the rainbows of the Manoa Valley with classmate, Alma Leong.

Class of 1961

Daniel Clapp received the Andrus Award for Community Service from AARP. The award is presented annually to one person in each state. Since retiring in 2002, Clapp has volunteered as a driver for Meals on Wheels, provided medical expertise at free medical clinics, helped oversee the Amherst Senior Center, and is a member of Town Meeting. He also is an on-call physician at Westover Air Reserve Base in Chicopee, Mass., where he does examinations of military recruits. He donates the stipend he receives to Pine Brook Camp at Camp Anderson, a Baptist-affiliated summer camp in Shutesbury. He serves on the camp's board of directors and is its medical consultant. Clapp and his wife, Solveig, reside in Amherst, Mass.

Class of 1964

Philip P. Bonanni (R '71) received the 2011 Albert David Kaiser Medal from the Rochester Academy of Medicine. The medal has been given annually since 1939 and recognizes physicians "for distinguished service in the fields of medicine, public health and community welfare." It is the highest honor a physician can receive for outstanding service to the Rochester community and the medical profession.

James Haley (MD '85, R '88), chair of

medicine at Unity Hospital in Rochester, and a former student of Dr. Bonanni, presented the award, and wrote and read the medal's inscription: "Philip P. Bonanni, M.D., outstanding clinician, gifted teacher, and talented physician leader. Role model for compassionate care and champion of 'the story of the patient.' "

Bonanni is one of the most respected clinical educators in Rochester and is professor of medicine, clinical nursing, and medical humanities at the University of Rochester School of Medicine and Dentistry.

Class of 1967

John S. (Jack) McIntyre, clinical professor of psychiatry at the University of Rochester Medical Center, will be the United States representative to the World Psychiatric Association (WPA.) McIntyre was elected at the World Congress in Buenos Aires, Argentina in September and will serve on the board of WPA. Also in 2011, McIntyre received the American College of Psychiatry's Distinguished Service in Psychiatry award for his pioneering work as chair of the American Psychiatric Association's Practice Guideline Project 1989 – 2009. In that role he oversaw the production and dissemination of authoritative guidelines, codifying best practices in psychiatry that continue to benefit psychiatrists, psychiatric residents and patients around the world. Two other Medical Center faculty members have received the award from ACP: John Romano and George Engel.

Class of 1968

Stuart Bauer received the Urology Medal at the American Academy of Pediatrics annual meeting in Boston in October. The award was given in recognition of his outstanding contributions to the field of pediatric urology. His research has led to greater understanding of bladder function in children with neurologic, anatomic, and functional disorders. His contributions include organizing the world's first urodynamics laboratory at Children's Hospital and his findings in newborns with myelodysplasia has led to a paradigm shift in how babies are managed.

Bauer is president of the International Children's Continence Society. In March 2012, the Spina Bifida Association will honor him with a Lifetime Achievement Award recognizing his studies and work with Spina Bifida patients.

Guy Esposito (R '73) was named chairman of the Department of Surgery at the

Wentworth-Douglass hospital in Dover, N.H.

Class of 1970

Benjamin Liptzin received the 2011 Jack Weinberg Award in Geriatric Psychiatry from the American Psychiatric Association. He was recognized for "his leadership and excellence in clinical practice, training, and research in geriatric psychiatry." In part, it reflected his work at Harvard Medical School with **Jack Rowe** (MD '70) in developing the Division on Aging, the Geriatric Education Center, and a major study of delirium. Since 1990, Liptzin has been chairman of the Department of Psychiatry at Baystate Medical Center in Springfield, Mass., and professor and deputy chair of psychiatry at Tufts University School of Medicine.

Philip A. Pizzo, M.D. (M '70), dean of the Stanford School of Medicine, is the 2012 recipient of the John Howland Medal, the highest honor bestowed by the American Pediatric Society and considered the most coveted award in pediatric academic medicine.

The medal honors Pizzo, who is a member of the University of Rochester board of trustees, for a lifetime of achievement, spanning his four decades in research and care for children with cancer, AIDS and other infectious diseases, as well as his leadership and advocacy in pediatrics and academic medicine.

Pizzo, 67, began his career at the National Cancer Institute where he spent 23 years as head of the infectious disease section, chief of the pediatric department and acting scientific director of the Division of Clinical Sciences. He became dean at Stanford in April 2001 after serving as physician-in-chief of Children's Hospital in Boston and as chair of the Department of Pediatrics at Harvard Medical School from 1996 to 2001.

Class of 1974

Phil Greenland (R '78) is the recipient of the 2011 Tripartite Legacy Faculty Prize in Translational Science and Education. The Tripartite Prize is presented annually to one faculty member who has demonstrated excellence in research that emphasizes translational approaches, teaching, mentoring, and leadership.

He was honored at the Tripartite Prize Ceremony during the Seventh Annual Lewis Landsberg Research Day in April. Greenland is the Harry W. Dingman Professor of Cardiology, senior associate dean for clinical and translational research, and director and principal

investigator of Northwestern University's Clinical and Translational Sciences Institute.

Class of 1976

Daniel B. Ornt has been named Rochester Institute of Technology's first vice president and dean of the school's Institute of Health Sciences and Technology. He will lead the institute's three components: RIT's College of Health Sciences and Technology, the Health Sciences Research Center, and the Health Sciences Outreach Center. Ornt also will be the gateway through which the school interacts with colleagues and CEOs at other institutions. He will be reporting directly to RIT President William Destler. A fellow of the American College of Physicians, Ornt has published extensively on renal disease and disorders.

Class of 1977

Kathleen Gensheimer was appointed chief medical officer for the office of the deputy commissioner for foods in the office of the commissioner of the U.S. Food and Drug Administration, in Silver Spring, M.D. Gensheimer writes: "Life should be interesting as I attempt the weekly commute from my home in Maine to Maryland!"

Class of 1978

David Diamond was named president of the Society for Pediatric Urology and the American Association of Pediatric Urologists for 2011–2012. He comments: "I promise not to allow this concentration of power to be corrupting."

James "Doc" Parkinson (R '82) received the 2011 Henry A. Butova Award from the Western Massachusetts Chapter of the National Football Foundation and College Hall of Fame. The award is presented to a former football player, or man, who is devoted to the game of football, resides in the Western Massachusetts area, and who has distinguished himself in later life. For 28 years, Parkinson has cared for athletes and attended hundreds of Williams College athletic contests in case his expertise and assistance was required. Parkinson resides in Williamstown, Mass., and is a member of the clinical faculty in the Department of Surgery at Albany Medical College and at Stratton Veterans Administration Medical Center in Albany, N.Y.



Power of Posters — Intrigued by a poster about preventing AIDS that he saw on a Boston subway car in the early 1990s, Edward Atwater, M.D. (M '50), began collecting AIDS education posters to track how different societies viewed and responded to the epidemic. Atwater, a professor emeritus of medicine at the University of Rochester Medical Center, donated his collection of more than 6,000 posters from more than 100 countries to the University's Rare Books and Special Collections Library. Michael Gottlieb, M.D. (M '73), who, in 1981, became the first physician to author a report to the Centers for Disease Control identifying AIDS as a brand new disease, visited the campus in October for a talk at the Medical Center. Gottlieb, a leader in the care of AIDS patients and the study of treatments for AIDS, examined the Atwater collection during his Rochester visit. About 1,600 of the posters can be viewed online at <http://aep.lib.rochester.edu/>

Class of 1980

Barbara A. DeBuono (BA '76) was appointed to the board of directors of Chembio Diagnostics, Inc. Chembio develops, manufactures, markets and licenses point-of-care diagnostic tests. DeBuono is a renowned expert in public health innovation, health policy, education, and research.

Stanley Hochberg (R '83) was named vice president for quality and patient safety at the Boston Medical Center.

G. Allen Power (BA '76, R '83) was awarded a Bellagio Residency for spring 2012 by the Rockefeller Foundation. The residency provides a month of lodging in Lake Como, Italy, for a diverse group of individuals working on projects of interest to the foundation. Individuals are chosen from many areas, including arts and humanities, science and academia, and public policy.

Power, an internist and geriatrician, works at St. John's Home in Rochester as a specialist in transformational models of long-term care. He is also a clinical associate professor of medicine at the School of Medicine and Dentistry and an educator and board member for The Eden Alternative.

Class of 1981

Karen Ammerman was named to the executive

committee of the United States Golf Association (USGA) for 2012. Ammerman, of Webster, Mass., is a board-certified staff physician at Reliant Medical Group in Worcester, Mass., where she specializes in obstetrics and gynecology.

Ammerman has served on the USGA Senior Women's Amateur Committee since 2010. She also has been a member of the Women's Golf Association of Massachusetts since 1993, serving on the organization's rules committee since 2000. For the past 25 years, Ammerman has been a member at Pleasant Valley Country Club in Sutton, Mass., where she has been women's club champion five times.

David B. Nash, dean of the Jefferson School of Population Health (JSPH) of Thomas Jefferson University in Philadelphia, is co-author of *Demand Better! Revive Our Broken Healthcare System* with Sanjaya Kumar, M.D., M.Sc., M.P.H. Nash delivered the graduation speech during Jefferson School's June commencement. He reminded the graduates that they stand at an important crossroad in population health, one framed in part by the Affordable Care Act.

Thomas Tesoriero married his life partner of 30 years, Robert Bertram, in June at the Universalist National Memorial Church. He is an internist at Kaiser Permanente in Washington, D.C., and has practiced with the



Surgical first — For the first time in the history of the University of Rochester School of Medicine and Dentistry, each member of a class of residents in general surgery is a woman. Only 19 percent of the nation's 160,000 surgeons are women. But this class is a sign of a growing trend. From left to right, they are: Candice Lee, M.D., Roseanna Guzman, M.D. (M '10), Laura Nally, M.D., Bianca Redhead, M.D. (M '10), Linda Ding, M.D., Melissa Mastroianni, M.D., and Kristin Kelly, M.D. To read more about them, go to: www.urmc.rochester.edu/news/publications/pulse/sept-oct-2011/story4.cfm

Mid-Atlantic Permanente Medical Group since 1984. He has served on the board of directors of the 800-plus physician group for nine years and is currently vice chair of the board.

Susan Weigers (R '84) has been named senior associate dean for faculty affairs at Temple University.

Class of 1982

Joseph Serletti (R '88) was elected a director of the American Board of Plastic Surgery. He is a professor of Surgery, chief of the Division of Plastic Surgery, and vice chair for finance of the Department of Surgery at the University of Pennsylvania.

Class of 1983

David G. Hicks, director of surgical pathology at the University of Rochester Medical Center, received the prestigious Excellence in Education Award from the College of American Pathologists (CAP) for his efforts to improve the diagnosis of breast cancer. The award recognizes outstanding contributions in continuing education in the field of pathology. Hicks designed and presented a rigorous program that gives pathologists the knowledge and skills to improve the accuracy of breast cancer diagnosis and factors involved in prognosis.

"I am humbled to be recognized for work to which I am deeply committed," said Hicks,

who was a member of an international task force that changed the standards in 2010 for testing estrogen and progesterone, two important biomarkers, in breast tumors.

Class of 1984

Brian Zink, chair of the Department of Emergency Medicine at Brown University and chief of emergency medicine at Rhode Island Hospital, was appointed a member of the medical advisory board of U.S. Tele-Medicine.

Zink has served as assistant dean for medical student career development, associate dean for student programs, and director of student biomedical research programs at the University of Michigan Medical School. Besides medical student development, Zink's scholarly interests include traumatic brain injury and the history of emergency medicine. He is the author of *Anyone, Anything, Anytime – A History of Emergency Medicine*. He received the 2007 SAEM Hal Jayne Academic Excellence Award; the 2008 ACEP Outstanding Contribution in Education Award; and the 2010 Alpert Medical School Dean's Award for the Advancement of Women Faculty.

Class of 1985

John Vargo (BA '81) was named chair of the Gastroenterology Department of the Digestive Disease Institute of Cleveland Clinic. Vargo

holds two patents in endoscopic surgery and is widely published. He has earned several awards, including the American Society for Gastrointestinal Endoscopy Career Development Award in 2003.

In addition to his clinical practice as head of the Section of Therapeutics and Hepatobiliary Endoscopy, Vargo is associate professor of medicine at the Cleveland Clinic Lerner College of Medicine of Case Western Reserve University. He has served as interim chairman of the Department of Gastroenterology since early 2010, and has been a member of the department since 1994.

Class of 1986

Jeffrey M. Lyness (BA '83), professor of psychiatry at the University of Rochester School of Medicine and Dentistry, was appointed to the new position of associate dean for academic affairs at the School of Medicine and Dentistry. The Office for Academic Affairs supports the collective and individual successes of School faculty, including processes for appointments, reappointments, and promotions.

Class of 1988

Lewis Li-Yen Hsu (PhD '88) joined the Children's Hospital of the University of Illinois as director of the pediatric sickle cell program and clinical professor of pediatrics. He and his wife, **Judy**,

(BA '84), are enjoying downtown Chicago as "empty nest" adults.

Class of 1991

Patty Rupp Hodge (BS '87) was named medical director of the new Frisbie Memorial Hospital Center for Wound Care and Hyperbaric Medicine. She also continues her solo infectious disease practice in Rochester, N.H.

Karen Johnston, MSc (R '92), chair of the University of Virginia Department of Neurology and principal investigator of the national trial for UVA Neurology Stroke Research, and her team have received a \$25 million grant from the National Institutes of Health to lead a 50+-center national clinical trial investigating a promising new treatment that could greatly benefit thousands of acute ischemic stroke patients every year.

Class of 1993

Robert Shelly (R '97) was appointed chief medical officer at Geneva, N.Y., Community Health, part of Finger Lakes Community Health. He also serves as chief medical officer for all of Finger Lakes Community Health, which consists of five health centers.

Class of 1994

Nancy S. Clark (R '98) joined the University of Rochester Medical Center's Department of Medicine in the Division of General Medicine and faculty-resident practice. Clark is a clinical assistant professor in medicine and geriatrics.

Class of 1995

Deborah Baruch-Bienen (BS '91) was promoted to chief of medical service at Audie Murphy Hospital, part of South Texas Veterans Health Care System. Baruch-Bienen also graduated in June 2011 with a master's degree in ethics and health care policy from the Neiswanger Institute of Ethics and Health Care Policy at Loyola University in Chicago.

Class of 1996

Louis Eichel (BA '92, R '01) was appointed division chief of urology at Rochester General Health System.

Class of 1997

Karen Newbold (BA '93) joined the Harvard Vanguard Medical Associates, a multi-specialty physician practice with offices across eastern

Massachusetts and an affiliate of Atrius Health.

Class of 1998

Anthony Ogedegbe (BS '94), an assistant professor of medicine at Weill Medical College of Cornell University received the following awards during the 2010–2011 academic year: The Elliot Hochstein Teaching Award, given to the faculty member who best exemplifies the qualities of compassion, skill, and distinction of being a physician and teacher, as exhibited by the late Elliot Hochstein, MD; the Charles L. Bardes, M.D., Teaching Prize, awarded annually to a member of the faculty who has been an outstanding teacher at the Weill Cornell Medical College, demonstrating leadership, dedication, and concern for the students; the Leonard Tow Humanism Award, presented by the Arnold P. Gold Foundation, honoring one faculty member and one graduating student who demonstrate the highest standard of compassion and sensitivity in their interaction with patients; and the Senior List, recognizing 16 faculty members who have made a commitment to, and demonstrated excellence, in teaching

Class of 1999

Ian Wilson (R '04, FLW '06) assistant professor of imaging sciences in the Division of Interventional Radiology at the University of Rochester Medical Center, co-founded a non-profit organization called "The Synthesis Collaborative," whose goal is to bring basic medical imaging to the developing world. He traveled to Bangladesh in December 2011 to evaluate a potential site with partner organization, Hope for Bangladesh. He and his wife, Betsy, reside in the Corn Hill neighborhood of Rochester with their daughter, Gabriella Grace.

Class of 2000

Rick Saupe (BA '96) has written a children's book to help kids get through the trauma of being anesthetized prior to surgery. *Tyler Tiger Has Tonsillitis* was released by Tate Publishing and Enterprises. When he can find the time, Saupe enjoys fly fishing, woodworking, and playing the guitar.

Class of 2004

Jeffrey S. Clark has joined the intellectual property law firm of Hamilton Brook Smith Reynolds in Concord, Mass., as an associate.

Clark practices in the areas of biotechnology, chemistry, medical devices, and pharmaceuticals. He received his J.D. degree from Boston College Law School in 2011.

Class of 2005

Sarah (Goldfeder) Dodge married William Dodge in June, 2011, and joined a private radiology practice in Princeton, N.J.

Ra'Kerry K. Rahman joined the faculty at Southern Illinois University School of Medicine as an assistant professor of orthopaedic surgery. He is also a member of SIU HealthCare, the medical school's practice group. Rahman completed a fellowship in spinal surgery at Barnes-Jewish Hospital at Washington University School of Medicine in St. Louis in 2011 and completed his orthopaedic surgery residency at NewYork-Presbyterian Hospital/Columbia University Medical Center in New York in 2010.

Class of 2007

T. Elijah Benioni (R '10) is a clinical assistant professor of emergency medicine and medical student clerkship director for emergency medicine at the Florida State University College of Medicine, as well as associate medical director of Sarasota County, Florida. He is board certified in emergency medicine and is in private practice in emergency medicine and cosmetic surgery.

Class of 2008

Kathryn M. Hoskins (BA '04, R '10) moved to Gaithersburg, Md., and has taken some time off from work to be home with her two children, Xander, age 22 months, and Nadia, age 7 months.

GRADUATE Alumni

(Arranged alphabetically)

Judith Baumhauer (MPH '09) was installed as president of the American Orthopaedic Foot and Ankle Society (AOFAS), the first time in its 42-year history that a woman will lead the professional organization. In her new position, Baumhauer also will serve on the board of directors of the Orthopaedic Foot & Ankle Outreach & Education Fund (OEF).

"The AOFAS membership is dedicated to advancing patient care through research, educa-



In Rochester history

In the early years of the School of Medicine and Dentistry, a faculty member and a student collaborate in the search for a hormone.

When George Washington Corner arrived in Rochester in September, 1924, to take a position as professor of anatomy, he took a taxi from the YMCA, where he had booked a room, to Elmwood Avenue, then at the southern edge of the city.

In his autobiography, Corner called Elmwood Avenue "hardly more than a country road" that opened into a wide field that recently was a pasture for horses. He described what he saw: level, open country dotted with handsome trees and the quiet Genesee River. He also saw the frame of the building that would house Strong Memorial Hospital and the University Rochester's School of Medicine and Dentistry.

Corner stayed at the School of Medicine and Dentistry for 17 years, a period during which he made several discoveries, published many papers and solidified his reputation. When he died in 1981 at the age of 91, his biographer for The Royal Society, the oldest scientific academy, said Corner was, for many years, both the dominant and most respected figure in anatomy in America.

In 1927, Corner invited Willard M. Allen, then finishing his first year as a student in the School of Medicine and Dentistry, to work with him. Allen had a reputation as an excellent

chemist. Corner, who already had made several discoveries about ovulation and pregnancy, was seeking the hormone of the corpus luteum responsible for progestational changes.

In about a year, after many tedious experiments involving hundreds of extracts from the corpus luteum of rabbits, the two discovered the hormone eventually named progesterone. It was a major step on the path to the development of contraceptives. By 1933, Allen and another collaborator had isolated the hormone, as had several other scientists.

In 1940, Corner, a graduate of Johns Hopkins University and its medical school, returned to Baltimore as director of the Carnegie Institution of Washington's Department of Embryology, which was a part of Hopkins. He held the position for 15 years. When he retired, he wrote a history of the first 50 years of the Rockefeller Institute and then became executive officer of the American Philosophical Society for 16 years. Corner also wrote two autobiographies.

Allen, who graduated from the School of Medicine and Dentistry in 1932, was made an instructor in the School in 1936, and, in 1938, assistant professor of obstetrics and gynecology. In 1940, he was named chair of the

Department of Obstetrics and Gynecology at Washington University School of Medicine. He was the first Rochester medical graduate to attain this professorial rank. Allen served as chair and as obstetrician-in-chief at Barnes and Allied Hospitals until his retirement in 1971. He then was appointed professor of obstetrics at the University of Maryland and served as associate dean of the medical school there from 1976 to 1982. He died in 1993.

Allen was the first to administer progesterone to a person, in 1942, for the treatment of dysfunctional uterine bleeding. He made several other major findings, including specifying the role of progesterone in the maintenance of pregnancy.

Throughout their careers, Corner and Allen praised each other as scientists and collaborators.

Allen's files, papers and correspondence were presented by his daughter Lucille Anderson to the Edward G. Miner Library in the summer of 2002.

Upper left: George Washington Corner
Upper right: Willard M. Allen

tion, and humanitarian efforts, and it is truly an honor to lead such a dedicated, vibrant, committed group of orthopaedic surgeons," Baumhauer said.

In 2008, Baumhauer was elected the first woman president of the Eastern Orthopaedic Association, a regional professional organization. Before that, she was the first female faculty member appointed to the University of Rochester Medical Center Department of Orthopaedics and Rehabilitation, and she is one of the nation's few female professors of foot and ankle surgery.

In addition to serving on the AOFAS board of directors, Baumhauer is the recipient of the prestigious Roger Mann Award for excellence in clinical research and the J. Leonard Goldner Award for outstanding basic science research. (The AOFAS has more than 1,800 members.)

Baumhauer is a reviewer for several scientific journals including *Journal of Bone and Joint Surgery*, *Journal of Orthopaedic Research*, *Techniques in Foot and Ankle Surgery* and *American Journal of Orthopaedics*.

Jane Brotanek (MPH '04) joined Ridgefield Pediatric Associates, P.C., in Ridgefield, Conn.

She completed a three-year fellowship in general academic pediatrics at the University of Rochester Medical Center, where she worked as part of the American Academy of Pediatrics Center for Child Research. Her areas of research interests include asthma, infant feeding practices, and iron deficiency as well as cultural and language barriers to care among Latino children. Her focus has now shifted to being a primary care pediatrician dedicated to clinical work and advocating for children's health and well-being.

Christa Chatfield (MS '02, PhD '05) is an assistant professor of biological sciences at State University of New York College at Cortland, in Cortland, N.Y.

Heather Gold (PhD '02) was named associate professor of medicine and assistant director of Health Disparities & Outcomes Research at the Cancer Institute at New York University. She had spent almost nine years on the faculty in public health at Weill Cornell Medical College.

Lewis Li-Yen Hsu (MD '88, PhD '88) — see *MD Class of 1988*

Yi-Jang Lee (MS '01, PhD '03) is an associate professor in the Department of Biomedical Imaging and Radiological Sciences at National Yang-Ming University in Taipei, Taiwan, R.O.C.,

and a secretary general of Taiwanese Society of Molecular Imaging (TSMI).

Regis O'Keefe (R '92, MS '00, PhD '00), chair of the University of Rochester Medical Center's Department of Orthopaedics and Rehabilitation, was appointed to the prestigious National Institutes of Health Council of Councils. The NIH council was established to advise the NIH director on priorities, strategic planning, and policy matters that extend beyond the research agenda of any specific area of health or medicine.

The Council of Councils is made up of 27 members, 20 of whom were selected this year. O'Keefe, the Marjorie Strong Wehle Professor in Orthopaedics, was nominated by the National Institute of Arthritis and Musculoskeletal and Skin Diseases. His council term extends to October 31, 2013.

Laurie Sorge (MS '80, PhD '82) has written *Prep for Success in Chemistry*. The book is designed for beginning chemistry students who would like to master the math skills they will need to be successful in chemistry and may have missed along the way.

Joe West (MS '61) received a 2011 Distinguished Alumnus Award from Texas A&M University, where he received a doctorate in veterinary medicine in 1954. After serving in the U.S. Air Force for over 20 years, West was an associate professor of veterinary medicine at Mississippi State University before joining the Texas Veterinary Medical Diagnostic Laboratory at Texas A&M. He has published more than 30 scientific articles and, after retiring from TVMDL, worked in emergency preparedness and response with the Texas Engineering Extension Service. He was recognized as an outstanding alumnus of the College of Veterinary Medicine in 2001. He and his wife, Carolyn K. West, have four children and three grandchildren.

RESIDENTS / FELLOW

Alumni

(Arranged alphabetically)

Philip P. Bonanni (MD '64, R '71) — see *MD Class of 1964*

Roger Brumback (R '86) is the editor of the *Journal of Evidence-Based Complementary and Alternative Medicine (JEBCAM)*, formerly known

as *Complementary Health Practice Review*. JEBCAM is an interdisciplinary peer-reviewed biomedical journal that publishes hypothesis-driven and evidence-based articles concerning observations or studies (both positive and negative) in all fields of healing practices encompassed by the terms complementary, alternative, and integrative medicine. Brumback is an internationally renowned clinical neuroscientist, educator, and editor-in-chief of the highly regarded *Journal of Child Neurology*.

Thomas L. Campbell (R '82) was recognized as a Community Champion at the Anthony L. Jordan Foundation's fourth annual Patients First Luncheon in Rochester. Campbell, the William Rocktaschel Professor and chair of the University of Rochester Medical Center's Department of Family Medicine, and a professor in the Department of Psychiatry, is one of seven Community Champions to be honored for their support in diagnosing and treating our community's medically underserved.

"His gift for calm and his understanding and empathy for families was often our light at the end of a rugged tunnel filled with obstacles over which many people would have stumbled, fallen, and quit moving forward," said **Bridgette A. Wiefeling, M.D.** (R '05), CEO of the Anthony L. Jordan Health Center. "His keen perception of the family's impact on health care outcomes encouraged us to keep going to achieve the greatest possible good for our community today and for decades to come."

Daniel Clapp (MD '61, R '63) — See *MD Class of 1961*.

Nancy S. Clark (MD '94, R '98) — see *MD Class of 1994*

Stamatia V. Destounis (R '93) was inducted as a fellow in the American College of Radiology (ACR) during the recent 88th ACR Annual Meeting and Chapter Leadership conference. One of its highest honors, ACR fellows demonstrate a history of service to the College, organized radiology, teaching or research. Approximately 10 percent of ACR members achieve this distinction.

John Elfar (R '07) was awarded the North American Traveling Fellowship by the American Orthopaedic Association, an honor considered to be one of the most exclusive in the field of orthopaedic surgery. Elfar, an assistant professor of orthopaedics at the University of Rochester Medical Center, specializes in treating hand, wrist, elbow, and shoulder prob-

lems for patients of all ages. The Traveling Fellowship is awarded to young surgeons with great academic potential for national and international leadership. Elfar was one of five people selected this year.

Guy Esposito (MD '68, R '73) — *see MD Class of 1968*

Fergal Fleming (FLW '11) was appointed an assistant professor of surgery and oncology in the Division of Colorectal Surgery at the University of Rochester Medical Center. Fleming brings a keen proficiency in laparoscopic surgery, and will join other division surgeons in offering trans-anal endoscopic microsurgery, or TEMS, a unique, minimally invasive technique that uses a special microscope to remove tumors or polyps in the rectum. The procedure is remarkable in that it leave patients with no skin incisions, little pain, and a much speedier recovery.

Throughout his clinical training, Fleming has authored numerous peer-reviewed publications in international journals. He is a member of the American Society of Colon and Rectal Surgeons, the Society of Surgical Oncology, the Association of Laparoscopic Surgeons of Great Britain and Ireland, and the Royal Academy of Medicine in Ireland.

Phil Greenland (MD '74, R '78) — *see MD Class of 1974*

William J. Hall (FLW '72) was named to the Medicare Payment Advisory Commission (MedPAC), which advises Congress on payments to health plans participating in the Medicare Advantage program and providers in Medicare's traditional fee-for-service programs.

Stanley Hochberg (MD '80, R '83) — *see MD Class of 1980*

Kathryn M. Hoskins (BA '04, MD '08, R '10) — *see MD Class of 2008*

Karen Johnston (MD '91, R '92) — *see MD Class of 1991*

Gena Kay (McKinley) Kluwe (R '01) became a fellow of the American College of Physicians in 2010. She is board certified in hospice and palliative medicine and in focused practice hospital medicine. Kluwe practices at St. Thomas Health Services in Nashville, Tenn.

John LaFerla (R '77) joined the medical team of Denton Choptank Community Health System Inc. (CCHS) in Denton, Md. LaFerla has been in practice on the Eastern Shore since 2001, with offices in Chestertown and Centreville. In addition to his role at CCHS, he continues his practice in Centreville. He also serves as the

deputy health officer for medical affairs at the Talbot County Health Department.

Mark Livecchi (R '98) was appointed medical director of Unity Health System's Acute Rehabilitation and Brain Injury Program. Livecchi has been on the medical staff of Unity's Department of Rehabilitation and Neurology since 2006. He previously was medical director at Geneva General Hospital's Acute Rehabilitation Unit.

Matthew Lowry (R '00) was named vice president for medical affairs at Norwood Hospital in Norwood, Mass. He is responsible for the hospital's medical care, medical staff affairs, patient safety, and quality. Lowry has served as medical director for the intensive care unit since 2007 and has been very involved with the hospital's quality initiatives. He is an assistant clinical professor at Tufts University School of Medicine and a veteran of the Navy.

John S. (Jack) McIntyre (MD '67, R '73) — *See MD Class of 1967.*

Timothy O'Connor (R '83) was appointed Division Chief of Plastic Surgery at Rochester General Health System. He currently has a private practice with the Plastic Surgery Group of Rochester.

Regis O'Keefe (R '92, MS '00, PhD '00) — *see Graduate Alumni*

Roger Oskvig (R '77) associate professor of medicine at the University of Rochester Medical Center, was recognized with the inaugural WXXI President's Award at a special celebration at WXXI studios in Rochester. WXXI presented the award to Oskvig following the production of the 100th episode of *Second Opinion*, the national health series produced by the local PBS station. The WXXI President's Award is given to a community partner who exemplifies the spirit of collaboration toward the WXXI mission, makes a contribution to WXXI programming, and demonstrates exceptional commitment, creativity and leadership.

Second Opinion presents actual medical cases to a panel of experts to debate the pros and cons of diagnostic testing, interpret test results, and prescribe the best course of action. The series airs weekly in Rochester and on more than 250 PBS stations across the country. As medical producer of the program, Oskvig identifies and researches every case presented on the series. Additionally, he provides educational content and medical oversight. He assists in booking panelists, reviews scripts and

provides input from the control room during the recording of the episodes. He advises panelists on what to expect during the tapings, helps producers with briefings, and provides medical expertise for every aspect of the show.

Oskvig has been an attending physician at the Medical Center since 1989 and medical director of the Alternate Level Care Unit since 1993. He also is chair of the New York State Board for Medicine, a commissioner of ARC-PA, and a member of the New York State Board for Professional Medical Conduct.

Aasim Padela (BA '01, BS '01, R '08) joined the faculty as a tenure-track assistant professor in emergency medicine at the University of Chicago. He also is the director of the Initiative on Islam and Medicine and Faculty at the Maclean Center for Clinical Ethics at the University. He and his wife **Maryam Razvi** (MS '01W), and their two daughters now reside in Evanston, Ill.

James Parkinson (MD '78, R '82) — *see MD Class of 1978*

G. Allen Power (BA '76, MD '80, R '83) — *see MD Class of 1980*

Michael Scharf (R '03) is part of the Rochester Youth Violence Partnership, a program developed by the University of Rochester Medical Center which has been honored with the American Hospital Association's prestigious NOVA Award for its commitment to improving community health.

Joseph Serletti (MD '82, R '88) — *see MD Class of 1982*

Susan Weigers (MD '81, R '84) — *see MD Class of 1981*

Ian Wilson (MD '99, R '04, FLW '06) — *see MD Class of 1999*

Raymond Wynn (R '93), a radiation oncologist, has joined the University of Pittsburgh Medical Center's Cancer Center at UPMC Horizon as the center's medical director. Wynn is associate director of UPMC Cancer Centers Radiation Oncology Network and is a clinical professor of radiation oncology. He most recently served as executive medical director of the Regional Cancer Center, Erie, Pa., an affiliate of UPMC Cancer Centers. Wynn has served as a member of the board of trustees for the National Medical Association and is active in the American College of Radiation Oncology, the American College of Radiology, by which he has been honored as a fellow, and the American Society for Radiation Oncology.



Robert Ader, Ph.D.

Robert Ader, Ph.D., a founder of the field of study that investigates links between the mind and the body's immune system and a professor emeritus of psychiatry at the University of Rochester Medical Center, died Dec. 20, 2011, at the Highlands at Pittsford. He was 79.

Dr. Ader coined the word psychoneuroimmunology to describe the field of study he helped create. He launched the journal *Brain, Behavior and Immunity* and was a Medical Center faculty member for 50 years.

He was the founder and past president of the Psychoneuroimmunology Research Society, and also past president of the Academy of Behavioral Medicine Research and the American Psychosomatic Society.

His theories that the human mind could significantly affect the ability of the immune system to fight disease initially were greeted with heated skepticism and sometimes scorn when he first proposed them more than 30 years ago,

but now they are applied and studied in many medical specialties, not only psychiatry, by researchers around the world.

"Bob Ader and his colleagues transformed the way that we think about the relationship between life events and our environment, and how our bodies respond biologically," said Eric Caine, M.D., chair of the Department of Psychiatry at the Medical Center. "His work has extraordinary implications, not only for understanding immunological responses to stress and disease, but also for appreciating the potentially powerful positive effects of what so many call the 'placebo effect.'"

In the early 1970s, in what would become one of his most distinctive experiments, Dr. Ader was studying taste aversion conditioning in rats. In the experiment, rats drank different volumes of a saccharin solution and also were injected with a dose of Cytoxan, an immunosuppressive drug that induces gastrointestinal upset. The rats "learned" or were conditioned to avoid consuming the solution.

When he stopped giving the rats the drug but continued to give them the saccharin solution, not only did the rats avoid drinking the solution, some of the animals died. The magnitude of the avoidance response of the rats was directly related to the volume of solution consumed, Dr. Ader found. He also found that the mortality rate also varied with the amount of solution consumed. Dr. Ader believed this orderly relationship could not be due to chance.

In a 2010 interview that appeared in the newsletter of the American Institute of Stress, Dr. Ader said: "As a psychologist, I was unaware that there were no connections between the brain and the immune system so I was free to consider any possibility that might explain this orderly relationship between the magnitude of the conditioned response and the rate of mortality. A hypothesis that seemed reasonable to me was that, in addition to conditioning the avoidance response, we were conditioning the immunosuppressive effects

(of Cytoxan)."

This hypothesis was tested and confirmed in deliberately immunized animals; that classic study was published in 1975 in the journal *Psychosomatic Medicine*. Conditioning is learning and, as such, involves the higher centers of the brain. That study, clearly demonstrating that immune responses could be modified by classical conditioning, meant there were connections between the brain and the immune system and that the mind could have profound effects on the body's functions that were thought to be independent.

"Your influence on the field is hard to overstate," wrote Janice Kiecolt-Glaser, Ph.D., Distinguished University Professor at the Ohio State University Medical Center, in a collection of letters published in honor of Dr. Ader's retirement last year.

"The ideas that you championed in your early conditioning work were remarkably radical and heretical," Kiecolt-Glaser wrote. "Now I tell my students about how your courage and vision were such an important force in helping shape the field so they can pursue their ideas today."

In the collection of letters, more than 70 scientists from around the world praised Dr. Ader for his support and mentoring of numerous scientists, his leadership in the field and the scientific rigor of his research.

In 2009 in his most recent paper in the journal *Psychosomatic Medicine*, he and his fellow Medical Center researchers described using the placebo effect to successfully treat psoriasis patients with a quarter to a half of the usual dose of a widely used steroid medication. Early results in human patients suggest that this new technique could improve treatment for several chronic diseases that involve mental state or the immune system.

A native of the Bronx and a graduate of Tulane University, Dr. Ader received his Ph.D. at Cornell University. At the Medical Center, Dr. Ader rose through the ranks, becoming a professor of psychiatry and psychology in 1968. He

held numerous titles during his tenure, including the George Engel Professor of Psychosocial Medicine and Distinguished University Professor. He retired in July as professor emeritus. He received an honorary doctor of science degree from Tulane and an honorary medical degree from Trondheim University in Norway.

In 2002, the Psychoneuroimmunology Research Society created an award, the Robert Ader New Investigator Award, to be given to promising young scientists. Dr. Ader was editor and later co-editor of the book *Psychoneuroimmunology*, first published in 1981, that details the research supporting the proposition that the brain and immune system are an integrated system.

Dr. Ader is survived by his wife of 54 years, Gayle, four daughters and a grandson. No memorial service will be held. Contributions in Dr. Ader's memory may be made to Doctors Without Borders.

Nazzareno Ballatori, Ph.D.

Nazzareno "Ned" Ballatori, Ph.D. (BS '80, PhD '84), a scientist who helped build the environmental medicine program at the University of Rochester Medical Center into an internationally acclaimed program, died Dec. 25, 2011, after a battle with a rare form of cancer, angiosarcoma. Dr. Ballatori, a professor of environmental medicine, was 54.

Dr. Ballatori was part of a team of scientists responsible for building the University's Department of Environmental Medicine, where scientists study how the body responds to environmental agents, into one of the top programs worldwide.

"Ned gave everything he had to his colleagues, his students, his family, his laboratory and the department," said Debbie Cory-Slechta, Ph.D., professor of environmental medicine. "He set the bar

very high, and his views were very well respected. Even though he is no longer with us, his advice will long be remembered and will continue to influence our activities for many years."

For the past 12 years, Dr. Ballatori was director of the Toxicology Training Program, where young scientists received research training enabling them to undertake their own research programs focused on the effects of environmental agents on human health. Since 2003 he was also the deputy director of the University's Environmental Health Sciences Center, funded by the National Institutes of Health. Both programs have been funded at the University for several decades, in recent years, largely because of Dr. Ballatori, colleagues say.

"Ned told you exactly what he thought, and he was usually right on with his comments," said Thomas Gasiewicz, Ph.D., professor, chair of the department and director of the center. "You always wanted to hear his opinion, because his insights were very helpful. When evaluating an idea, one of the first questions we'd ask was, 'What does Ned say about it?'"

Dr. Ballatori, native of Ascoli Piceno, Italy, immigrated with his family to East Rochester when he was 9 years old. After earning his bachelor's degree in chemistry, he studied with mercury expert Thomas Clarkson, Ph.D. After completing a post-doctoral fellowship at Yale, he joined the faculty of Rochester's School of Medicine and Dentistry in 1987.

"Ned was one of the most careful, thorough and logical research thinkers I have ever encountered," said Clarkson, who appointed Dr. Ballatori to the Rochester faculty. "I feel I have lost an academic son."

During his career Dr. Ballatori mentored more than 30 graduate students and post-doctoral fellows, scientists who have gone on to careers as physicians, dentists, pharmacists, writers, university researchers, and scientists in industry. Researchers from Japan, the Netherlands, Thailand and China

traveled to his laboratory to learn from him.

Dr. Ballatori was an expert on the transport proteins that molecules use to get into and out of cells. His knowledge resulted in new findings about the molecular machinery that toxins like mercury use to damage our health. That work led to crucial findings related to how the body handles cholesterol and other lipids.

Doing research in a fish known as the little skate, a close cousin to the stingray, Dr. Ballatori discovered a protein complex called OST that plays a key role in how the body processes cholesterol. The finding offered researchers a new target in their quest to help people lower their cholesterol and stave off obesity, heart disease, and diabetes. In 2008 the work earned Dr. Ballatori the Adolf Windaus prize from the Falk Foundation in Germany, which is awarded only once every two years to a scientist worldwide.

Dr. Ballatori did much of his research at the Mt. Desert Island Biological Laboratory in Salsbury Cove, Maine. For the past 19 years, he served as the deputy director of the laboratory's Center for Comparative Toxicology.

Dr. Ballatori is survived by his wife, Jeanne L. DelSignore, M.D. (M '83), of Brighton, three children, his mother, brother and two sisters. Donations may be made to the Wilmot Cancer Center.

Abraham Cockett, M.D.

Abraham T. K. Cockett, M.D., former chair of the Department of Urology at the University of Rochester Medical Center, died August 16 in Logan, Utah. He had Alzheimer's disease for several years. Dr. Cockett was 82.

"Abe Cockett was a prolific writer, researcher, organizer, and all around unique individual. The urologic community has lost a giant and an incredibly talented individual," wrote Ronald Rabinowitz, M.D., professor of urology

at the Medical Center, and Irwin N. Frank, M.D., professor emeritus, in a memoriam for the *American Urological Association News*.

A native of Hawaii and one of 12 children, Dr. Cockett put himself through Brigham Young University on a basketball scholarship. He earned his medical degree at the University of Utah in 1954. He completed his urology residency at the University of California at Los Angeles School of Medicine. After serving two years as a captain in the U.S. Air Force, he returned to Los Angeles as chief of urology at Harbor General Hospital. He also became an associate professor at UCLA.

In 1969, he was recruited to Rochester as professor and chair of the Division of Urology. In 1983, under his leadership, the division achieved departmental status. He remained chair of the department until 1995, but continued as professor until his retirement in 1999. He trained more than 50 residents.

A tireless researcher and academician, he authored or co-authored more than 400 publications. He had a truly international reputation. He traveled the world over and gave more than 70 visiting professorships and lectureships. Dr. Cockett had close international relationships throughout the world and established the Andrology Clinic at Riyadh Central Hospital in Saudi Arabia in 1979.

In 1994, he served as president of the American Urological Association.

"He was competitive in everything he did, and those of us who played tennis with or against him quickly realized this truth," wrote Rabinowitz and Frank. "Always the gentleman, at the end of the match, he would pat the losing opponent on the back while repeating his familiar refrain, 'Good game. It could have gone either way.' You knew that it only went his way."

Dr. Cockett and his wife, Willia, retired to Park City, Utah, but they also built a home in Waianae, Hawaii. They divided their time between the two homes.

In addition to his wife of 60 years,

Dr. Cockett is survived by his three children, five grandchildren and a great-grandchild.

The family asks that any donations be made to the Alzheimer's Foundation of America.



Paul A. Dewald, M.D.

Paul A. Dewald, M.D. (M '45, R '52), an influential psychoanalyst, author and teacher, died Nov. 3, 2011, in the Brentmoor Retirement Community in Ladue, Mo. He was 91.

Dr. Dewald was the former director of the St. Louis Psychoanalytic Foundation and later the St. Louis Psychoanalytic Institute.

In 1972, Dr. Dewald published a trailblazing book, *The Psychoanalytic Process*, in which he presented, day-by-day, session-by-session, the analysis of a woman in treatment with him. He created a revealing book, a testament to the talking cure, formulated by Sigmund

Freud in 19th century Vienna.

His book, *Psychotherapy: A Dynamic Approach*, published in 1964, was an important and popular textbook. A native of New York City, Dr. Dewald moved to St. Louis in the early 1960s.

"Paul came to St. Louis at a crucial point," said Nathan M. Simon, M.D., a psychoanalyst who was Dr. Dewald's student, colleague and friend for half a century. "There were only four psychoanalysts in St. Louis at the time, and the plan was to make it a training center for analysts. Paul really invigorated the group here; plus, because of the strength of his personality, he was a tremendous front man for psychoanalysis itself, and he led people to support it."

The St. Louis Psychoanalytic Institute has played an important role in teaching.

"He was crucial in shaping the original classes," Simon said. The psychoanalytic model requires candidates for certification as analysts go through the process themselves. Dr. Dewald was personal analyst of many who came to the institute.

Dr. Dewald continued to teach until recently. Gail Glenn, a psychoanalyst, a student of Dr. Dewald and a colleague at the Institute, said: "Paul Dewald was the ultimate teacher, mentor. Although the world knew of his academic writings and analytic therapeutic skills, in his soul, he prided himself as an educator."

Dr. Dewald was the son of cultured and activist parents, who counted a number of famous artists as friends. His mother and father were major figures in Felix Adler's Society of Ethical Culture. Adler was a member of a great rabbinical family.

Dr. Dewald's parents collected art, choosing works from their friend Arthur Stieglitz's Gallery 291. Their collection was distinguished particularly by the works of the then barely known and the generally unrecognized American artists, such as Georgia O'Keeffe, John Marin, Arthur B. Dove, Stanton MacDonald-Wright and a few early works by Thomas Hart Benton.

Dr. Dewald was educated at the progressive Ethical Culture-Fieldston Schools in New York, which his parents had attended, and where they had studied with sociologist and photographer Lewis Hine. Photographer and filmmaker Paul Strand was a classmate of Dr. Dewald.

Dr. Dewald earned a bachelor's degree at Swarthmore College. He served in the U.S. Army from 1946 to 1948 before completing his residency in Rochester. He received his certification in psychoanalysis from the State University of New York, Downstate, in Brooklyn in 1960.

In addition to his many articles and books, Dr. Dewald also was a clinical professor at the medical schools of Washington University and Saint Louis University.

Dr. Dewald is survived by his wife, a daughter, a son, two stepdaughters, three stepsons and 14 grandchildren and step-grandchildren.

The family requests donations be made to the Paul A. Dewald Lecture at the St. Louis Psychoanalytic Institute, 8820 Ladue Rd., St. Louis, Mo., 63124.

This obituary is based on an article written by Robert Duffy, associate editor of the *St. Louis Beacon*, and published in the *Beacon*, which gave its permission for use in the obituary. To read the original article, go to: www.stlbeacon.org/issues-politics/region/obits/114018-paul-a-dewald-psychoanalyst-teacher

Richard B. Hornick, M.D.

Richard B. Hornick, M.D., chair of the Department of Medicine at the University of Rochester Medical Center from 1979 to 1985, died August 9, 2011, of cancer. He was 82.

A prominent authority on infectious diseases, Dr. Hornick was known as a meticulous researcher and an exceptional leader. He was a founding member of the most prestigious infectious disease organization in the world, the Infectious

Disease Society of America. In addition to the respect of his peers, Hornick, a superb teacher, gained the admiration of countless medical students, residents and fellows throughout his career.

"One of Dr. Hornick's greatest strengths was that he recognized the talents of developing physicians and provided them both the emotional and scientific help they needed to jumpstart their careers," said Robert F. Betts, M.D. (M '64, R '69), professor emeritus in the Department of Medicine, who was an assistant professor when Hornick served as chair. "He was an extremely nice guy and always welcomed young professionals into the field with open arms."

Dr. Hornick received his bachelor's degree from Johns Hopkins University. He continued on at Hopkins, completing medical school and residency in internal medicine. He then served in the U.S. Army at the Walter Reed Medical Unit, Fort Detrick, before taking the position of chief resident at the University of Maryland Hospital.

Dr. Hornick's steady rise in rank at Maryland, from assistant instructor to professor of medicine and director of the division of infectious diseases, led to his selection as professor and chair at Rochester in 1979. Following his term as chair, Dr. Hornick was appointed dean for Affiliated Hospitals and External Relations for the School of Medicine and Dentistry in 1985. In 1987, after eight years in Rochester, Dr. Hornick joined Orlando Health as vice president of medical education. He stepped down as vice president in 1999, but continued to teach students and treat patients until his death.

According to John Treanor, M.D. (M '79, FLW '85), chief of the infectious diseases division at the Medical Center, Dr. Hornick was behind some of the groundbreaking studies that established the typical number of bacteria required to cause typhoid fever and infectious diarrhea. His work helped people understand the infectiousness of certain bacterial agents and how likely they are to be transmitted from person to person. Dr. Hornick received many honors and

awards throughout his career, including the James D. Bruce Memorial Award from the American College of Physicians, given for distinguished contributions in preventive medicine. He was elected to the prestigious Institute of Medicine, contributing to reports on the health consequences of serving during the Persian Gulf War. He served as an infectious disease consultant to the World Health Organization and the Food and Drug Administration.

In addition to helping found the Infectious Disease Society of America, Dr. Hornick served as its president. He was also highly published in his field, contributing more than 300 articles, chapters and reports on a wide range of topics related to infectious disease.

Dr. Hornick is survived by his wife, Susan, and his four children. Anyone wishing to make a charitable donation in his memory can contribute to the Dr. Hornick Memorial Fund through the Orlando Health Foundation, which will support Medical Education at Orlando Health.

T. Franklin Williams, M.D.

T. Franklin Williams, M.D., a founding father of the field of geriatric medicine in the United States and a mentor and model for dozens of geriatricians, died at his home in Rochester, N.Y., Nov. 25, 2011, the day before what would have been his 90th birthday. The cause was complications from pneumonia.

Dr. Williams, a professor emeritus of medicine at the University of Rochester Medical Center, was the second director of the National Institute on Aging (NIA) of the National Institutes of Health, serving from 1983 to 1991. Through a research and teaching career of 40 years in Rochester and his administrative leadership, Dr. Williams changed the way the aging are cared for and perceived.

"Frank Williams was an outstanding geriatrician, researcher, and administrator



who was inspired by the possibilities of advanced age," said NIA Director Richard J. Hodes, M.D. "He wanted to know how it was possible to achieve and maintain high functioning, good health, and a sharp mind well into late life. He achieved this ideal for himself and worked hard to achieve it for many others. He will be greatly missed."

As NIA director, Dr. Williams established several programs that continue today, including an increased research effort on Alzheimer's disease, the longitudinal Health and Retirement Study, promotion of specialized training for geriatric researchers, and collaboration with international organizations to study aging around the world.

Dr. Williams served as director of Monroe Community Hospital in Rochester from 1968 to 1983 and as a professor of medicine at the University of Rochester School of Medicine and Dentistry for almost 40 years. In those positions, he mentored physicians, directed research and educated the community on a more humane view of people as they aged.

"Frank Williams was a giant in the field, but as a resident I didn't know

that," said Rosanne Leipzig, M.D. (BA '72, R '82), professor of geriatrics Mount Sinai Hospital in New York City who trained under Dr. Williams. "He was simply an extraordinary role model who led by example and taught all of us that there was art and a lot of science in providing good care to older adults. Many of the current leaders in and supporters of American geriatrics have a significant Rochester connection; this is due to Frank and his infectious love of the field and the patients."

In an essay he wrote in 1981, Dr. Williams described the goals of his work in geriatrics: "It is to rid ourselves, our society, and even our language, of the numerous negative terms, stereotypes and myths concerning aging ... The children, friends and health-care providers of older people need to give their symptoms the same respect and attention as those of younger people."

Dr. Williams said the potential for a new approach in geriatrics and gerontology "is not only to add years to our life but also to add life to our years. It is hard to think of a more promising or profitable investment."

Dr. Williams achieved his goals. Mary Tinetti, M.D. (FLW '84), the Gladys Philips Crofoot Professor of Medicine and Public Health at Yale University School of Medicine, said Dr. Williams "has contributed to the quality of life of millions of older adults through his own work, his leadership roles, and his influence as a teacher and mentor."

"His early work encouraged inquiry into the causes and complications of diabetes in older adults. He was an early proponent of focusing on function in daily life in the health care of older adults. The current recognition of the importance of measuring function and of focusing on improvements in daily functioning for persons with chronic conditions can be traced to the groundbreaking work of Dr. Williams and his colleagues," said Tinetti, who was a geriatric fellow under Dr. Williams.

Born in Belmont, N.C., Dr. Williams developed an early interest in chemistry. His father died when Dr.

Williams was 12. He, his mother and a younger brother moved in with his grandparents who saw to it, Dr. Williams said, that he did not acquire any "rocking-chair" stereotype for older people.

Dr. Williams graduated Phi Beta Kappa from the University of North Carolina in 1942 with a degree in chemistry. He studied organic chemistry at Columbia University, where he earned a master's degree. World War II interrupted his academic education. He served as a communications officer in the U.S. Navy aboard a cruiser.

His World War II experiences led him to reconsider a career in chemistry and move into medicine. He graduated from Harvard Medical School in 1950, and then served his internship and residency at Johns Hopkins Hospital and later Boston Veterans Administration Hospital.

Dr. Williams joined the University of North Carolina faculty as an instructor in 1956 and rose to the rank of professor of medicine and preventive medicine. He conducted significant research on diabetes and other metabolic diseases. He also began his studies of ways to provide better care to people with long-term or chronic diseases, which were most commonly associated with the elderly.

In 1968, he became the first medical director under a new affiliation between Monroe County and the University of Rochester. Dr. Williams transformed Monroe Community Hospital into an internationally respected center for innovations in geriatric medicine.

After his eight years of service as director of the National Institute on Aging, Dr. Williams returned to Rochester, Monroe Community Hospital and the University, where he continued as a scholar, teacher and attending physician. He also was active in the Rochester community, speaking at workshops on aging.

In 1995, he was appointed Distinguished Physician at the Canandaigua, N.Y., Veterans Administration Medical

Center by the Secretary of Veterans Affairs. From 1992 through 2002, he also served as scientific director of the American Federation for Aging Research.

Through the years, Dr. Williams often could be seen riding his bicycle to the hospital. He continued riding his bike well into his 80s. He also continued to mentor physicians, see patients and make rounds with students until just a few years ago.

Dr. Williams, the author or co-author of more than 100 scientific papers and book chapters, was elected to the Institute of Medicine of the National Academy of Sciences in 1976. He was a fellow of the American College of Physicians, American Association for Advancement of Science, Gerontological Society of America, and American Public Health Association.

Dr. Williams is survived by his wife of almost 60 years, the former Catharine Carter Catlett. A medical social worker, she joined Dr. Williams on his trips around the world, gathering information on models of approaches to aging and working to implement new approaches in this country.

In addition to his wife, he is survived by two children, Mary Wright Williams Montague of Gloucester, Virginia, and a son, Thomas Nelson Williams of Rochester; four grandchildren and two step-grandchildren.

Contributions in his memory can be made to the church or to the T. Franklin Williams Foundation at Monroe Community Hospital, 435 East Henrietta, Rochester, N.Y., 14620.

In memoriam

Roy Altman (MS '58)
Robert Berkow (R '59)
Howard Bricker (PDC '79, MS '81)
Bernard Brody (MD '51)
James Butterfield (MD '61)
Paul Choi (R '76)
Virginia (Vangeyt) Clapp (MD '49)
Frederick Darfler (MS '77, PhD '79)
Paul A. Dewald (MD '45, R '52)
Eric Allen Frederickson (MD '57)
Lester Friedman (MD '50)
John Gaidula (MD '57, FLW '68)
Charles Gallup (MD '48)
Charles Harris (MD '40)
George Holton (MD '44, R '52)
Eugene Isaacs (BA '53, MD '57)
Charles Keller (R '56)
Richard Koch (MD '51)
Sue (Rabison) Jacobson-Kutz (BA '65, R '84)
Bernabe Lima-Beaz (MS '55)
Howard Meyer (BA '50, MD '54)
Morey Moreland (MD '65)
Arthur Osako (MD '59)
Thomas Putnam (BS '47, MS '50, PhD '54)
H. Norman Richardson (MD '54)
William O. Rebertson (BA '46, MD '49)
Priscilla (Fenn) Roslansky (PhD '52)
Malin Shaw (MD '46)
Mark Snyder (R '68)
Harold Stopp (MD '56)
Randall Swanson (MD '79, R '84)
Irvin Voth (MD '44)
David Wallace (BA '52, MD '56)
John Weikel (PhD '54)
William Woods (MD '49)
Stephen Yarnall (MD '60)

Alumni Return

Continued from page 11

"I trained under some of the thought-leaders who helped advance the concept that patients with oligometastases would benefit from radiation," Milano said. "It was important for me to join a department with a similar environment of innovative and progressive ideologies. Since joining the faculty, I have been actively researching patient outcomes after radiation for oligometastases."

The Department of Radiation Oncology also is internationally known for the study of late effects after cancer therapy, another important opportunity for Milano to engage in research linked to the treatment of his patients. He has collaborated on research projects with Louis Constone, M.D., and Lois Travis, M.D., D. Sc., professor of radiation

oncology and director of the Rubin Center for Cancer Survivorship, who head Rochester's programs in survivorship.

"Such a program will not only be an avenue to research late effects after cancer therapy, but also to develop comprehensive follow-up guidelines for individual patients after completion of cancer therapy," Milano said.

Milano, an associate professor of radiation oncology, plans to stay at the Medical Center.

"I have been recruited by several academic institutions, some of which I went to for interviews. But I remain happy at the University of Rochester," Milano said. "The environment is collegial, and the patient care is top-notch. There are abundant opportunities for collaborative clinical and translational

research. While other institutions may afford similar benefits, leaving a place where you are happy is a gamble I am not willing to take!"

Stay Connected!



SCHOOL OF MEDICINE & DENTISTRY
UNIVERSITY OF ROCHESTER MEDICAL CENTER

Connect with fellow School of Medicine alumni, students, and friends through the following services:

Receive the latest news and information from the School of Medicine and Dentistry and University of Rochester Medical Center:

Regional Events

The Office of Alumni Relations hosts a variety of events across the country. They're a perfect way to connect with classmates and other alumni living in your region and a great opportunity to catch up on news from the University of Rochester and School of Medicine and Dentistry. Find a complete list of events at www.alumniconnections.com/olc/pub/UROA/geventcal/showListView.jsp.

Visit www.urmc.rochester.edu/news/ for the latest URM and SMD headlines and to sign up for e-alerts. You also can catch up on news from fellow alumni with *Rochester Medicine Magazine* online at www.urmc.rochester.edu/news/publications. Submit your news and updates to RochesterMedicineMagazine@urmc.rochester.edu.

ROCHESTER ALUMNI
EXCHANGE

Search for and connect with over 100,000 Rochester alumni from around the globe. Features include an all-alumni directory, class notes, Rochester Career Advisory Network and events calendar. You also can update your contact information and register for alumni events quickly and securely. Visit www.alumniconnections.com/olc/pub/UROM/.

Follow *URMC Discoveries* on Twitter.

View interviews with URM experts on the *University of Rochester Medical Center Channel* on YouTube.



LinkedIn

Join the *University of Rochester School of Medicine and Dentistry Alumni Group* on LinkedIn, a professional, business-oriented networking site for making contacts, keeping in touch, conducting job searches, and networking.



Find us on Facebook. Become a fan of Education at the *University of Rochester Medical Center*.

Have you moved?

Do we have your email address?

Would you like a copy of your class directory?

Let us know! Contact the Office of Advancement and Alumni Relations at 800-333-4428 or send an email to alumni@admin.rochester.edu.

Alumni Awards Call for Nominations



SCHOOL OF
MEDICINE &
DENTISTRY
UNIVERSITY of ROCHESTER
MEDICAL CENTER

The University of Rochester School of Medicine and Dentistry Alumni Council recognizes the achievements of SMD alumni through the alumni awards program. The Alumni Council relies on its fellow alumni to nominate their peers for these prestigious awards.

All graduates of the MD, PhD, MS, and MPH programs, and former residents, are invited to submit nominations for the following awards:

The **Distinguished Alumnus(a) Award** recognizes achievement that has had an impact on a national and global scale by individuals whose lives and work exemplify the standards and objectives of the School.

The **Alumni Service Award** recognizes outstanding support, commitment, and service which have furthered the interests of the School.

The **Humanitarian Award** recognizes those who have devoted their medical career to providing unique, compassionate care to patients who are underprivileged and underserved.

For a complete description of award criteria and nomination instructions, please visit
www.urmc.rochester.edu/smd/alumni/alumniawards.cfm



UNIVERSITY *of*
ROCHESTER
MEDICAL CENTER

MEDICINE *of* THE HIGHEST ORDER

University of Rochester
School of Medicine and Dentistry
601 Elmwood Avenue, Box 643
Rochester, NY 14642

NONPROFIT ORG
US POSTAGE

PAID

UNIVERSITY OF
ROCHESTER