

UIC

MEDICINE

*A Publication for
Alumni and Friends
of the University
of Illinois College
of Medicine and the
University of Illinois
Medical Center*

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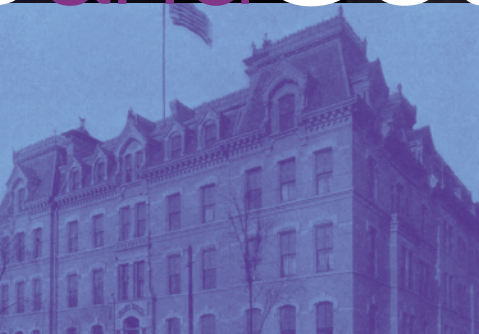
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Volume 13, Number 1 Fall 2009

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OUR MISSION

The mission of the University of Illinois College of Medicine is to enhance the health of the citizens of Illinois by educating physicians and biomedical scientists, advancing knowledge of health and disease, and providing healthcare in a setting of education and research.

ON THE COVER

J. Regan Thomas, MD, FACS, Francis Lederer Professor and head of otolaryngology-head and neck surgery (left) and Dimitri T. Azar, MD, B.A. Field Chair of Ophthalmologic Research, professor and head of ophthalmology and visual sciences (right). Photograph by Susan Reich.

ONLINE

UIC Medicine magazine is online at www.medicine.uic.edu.

CORRECTIONS

An article about the College of Medicine's 125th anniversary gala in the Spring 2008 issue of UIC Medicine included an incorrect name for the wife of Truman Anderson '50, PhD '55, MD '60, Res '61, professor emeritus of medicine. Her name is Mary Ann Anderson.

An obituary for College of Medicine alumnus Tanya Andric, MS '04, in the same issue incorrectly stated that her survivors included two sisters. Her siblings are her brother, Milan Andric, and sister, Natasha Andric.



Dean's Message

Medicine is forever changing, as research and technological breakthroughs yield new understandings of and treatments for illness and injury. Like all medical schools, the University of Illinois College of Medicine faces the exciting and daunting task of adapting to these rapid changes as we prepare the clinicians and researchers of the future.

These changes extend to this publication. As you've probably noticed, it's been a while since the last issue of *UIC Medicine*, a gap that reflects both changes in the magazine's creative team and publication schedule. We now are publishing one issue of *UIC Medicine* each year to make room for the College of Medicine's annual report and donor honor roll, which many of our alumni received this past spring.

There also have been major changes in the leadership of both the University of Illinois at Chicago and the College of Medicine's development office. As you'll read on the following page, Paula Allen-Meares became the new chancellor of the university at the start of the year. A highly accomplished administrator and scholar, she also brings to her position a background in mental health that gives her particular appreciation of the role of the College of Medicine and the university's other health science colleges.

This past July, L. Keith Todd joined UIC as the new chief development officer for medicine, vice president of the University of Illinois Foundation and associate dean for development in the College of Medicine. Keith comes to UIC from Ohio State University, where he served as associate vice president for university development at the university's medical center since 2005. He also has held senior development positions at the Medical College of Georgia, the University of North Carolina-Chapel Hill and the Medical University of South Carolina. Please join me in welcoming him to the College of Medicine and wishing him well in his endeavors on its behalf.

The College of Medicine and UIC as a whole also are changing the way research is conducted, fostering greater collaborations across disciplines and even across colleges and emphasizing the translation of basic science research into clinical applications. This effort received the highest level of affirmation and support in July, when the National Institutes of Health awarded UIC's Center for Clinical and Translational Science a five-year, \$20 million grant, the largest in the uni-

versity's history. You can read more about this breathtaking development on page five, and you can learn more about the cutting-edge research and treatments that College of Medicine faculty are pioneering in the feature stories that begin on page 20.

These advances, of course, build on decades and even centuries of scientific and medical progress, as can be seen in the University of Illinois Eye and Ear Infirmary, which celebrated its 150th anniversary last year. As you can read in the cover story beginning on page 20, the departments of ophthalmology and otolaryngology-head and neck surgery are building on this history with cutting-edge new research and treatments.

That such exciting developments are taking place in such difficult economic times is a testament to the generous support of the college's alumni and other friends. We gratefully acknowledge a few of our donors beginning on page 38.

I also personally want to acknowledge the untimely passing of Theresa S. Falcoln-Cullinan, MD, who died in late August after a long and courageous battle with cancer. She and her husband, Stephen Cullinan, MD '72, generously endowed three professorships at the College of Medicine, including one in obstetrics and gynecology named after Theresa, which is commemorated on page 10. On behalf of the entire College of Medicine, I offer our sympathy to Stephen Cullinan and his family.

I am deeply grateful to everyone who has provided the college with support in any form, from financial contributions to assisting our students to sharing your enthusiasm for the college with others. Change what may, I have no doubt the College of Medicine and its bond with our alumni only will grow stronger.

Sincerely,

Joseph A. Flaherty '68, MD '71, Res '75
Dean, University of Illinois College of Medicine

New Chancellor Paula Allen-Meares Plans to Build on College of Medicine's Strengths

by Kevin McKeough

Paula Allen-Meares, MSW '71, PhD '75, became the sixth chancellor of the University of Illinois at Chicago in January.

"I am very excited and enthusiastic about the opportunity to lead this great institution," Allen-Meares says. "Today's world needs UIC's knowledge and expertise. The university has taken and will continue to take a leadership role in solving pressing societal needs, particularly in the realm of healthcare."

Allen-Meares took over from Eric Gislason, interim chancellor, who served since the retirement of Sylvia Manning, former chancellor, in December 2007. She is the sixth chancellor since the 1982 merger of the university's former Chicago Circle and Medical Center campuses created the University of Illinois at Chicago. She was selected from a field of more than 100 candidates.

"We were looking for an exemplary academic leader and in Dr. Allen-Meares—a graduate of the University of Illinois and a former member of our community, a highly successful dean and a member of the Institute of Medicine of the National Academies—we found her," says

University of Illinois President B. Joseph White.

Allen-Meares led Michigan's School of Social Work to a consistent ranking of No. 1 in the nation, improving its research profile with externally funded interdisciplinary research awards totaling more than \$100 million. Under her leadership, the school established interdisciplinary degree programs that included law, public policy, psychology, sociology, anthropology and economics and set up partnerships with

other agencies, institutes and communities.

"Today's world needs UIC's knowledge and expertise. The university has taken and will continue to take a leadership role in solving pressing societal needs, particularly in the realm of healthcare."

PAULA ALLEN-MEARES,
MSW, PhD

At Michigan, she was principal investigator of the Global Program on Youth, an initiative sponsored by the W.K. Kellogg Foundation, and the National Institute of Mental Health's Social Work Research Center on Poverty, Risk and Mental Health. She was principal investigator of the Skillman Good Neighbors Grant. She is a member of the Institute of Medicine of the National Academies and a trustee of the New York Academy of Medicine.

"Given my long professional involvement in health and mental health, one of the most attractive aspects of becoming



UIC Chancellor Paula Allen-Meares, MSW, PhD

chancellor was the opportunity to work with Joseph Flaherty to build on the excellence of the College of Medicine," Allen-Meares says. "I'm very impressed by the breadth and ambitiousness of the research taking place in the college, its ability to attract top faculty to provide outstanding medical education to future physicians, and the faculty's commitment to providing high-quality healthcare to all, particularly the underserved.

"My intent in this quickly evolving climate of higher education is to sustain and strengthen what the university does best. UIC progresses toward its goal to become the nation's premier urban public research university by providing access and opportunity to a diverse community of students and faculty. We reach beyond our classrooms and laboratories through our Great Cities Commitment, as well as our promotion of healthy societies, in order to bring a mission of public service to our home community and the world."

Medical Center Receives High Marks in Nationwide Patient Survey, Named Again to List of Most Wired Hospitals

by Sherri McGinnis Gonzaléz



John DeNardo, MS, MPH, CEO, UIC Healthcare System

In a nationwide U.S. Department of Health and Human Services survey, University of Illinois Medical Center patients rated their hospital experience more highly than patients at other Chicago-area academic medical centers in five out of 10 categories. More than 3,700 hospitals submitted data for the survey, the largest of its kind. The results were released in March.

“We are very proud of the highly dedicated staff at our medical center and of the excellent care they provide,” says John DeNardo ’71, MS ’74, MPH, CEO of the UIC Healthcare System. “These scores reaffirm the importance of being a patient-centered hospital that is sensitive to the needs of patients and their families.”

The survey evaluated the quality of care in hospitals from patients’ perspectives, asking 27 questions about various aspects of their hospital stay, from responsiveness of staff to cleanliness. Patients were selected randomly for the survey, with the goal of at least 300 completed surveys per hospital. The survey was taken after patients left the hospital.

The medical center rated higher than Rush, Northwestern, University of Chicago and Loyola hospitals in communication with doctors, pain management, communication

about medicines, discharge information and quietness of the hospital.

Eighty-three percent of UIMC patients surveyed reported that their doctors “always” communicated well. Improved communication with patients is a significant factor in improving care, as demonstrated by patient satisfaction on important issues such as reducing patients’ pain and improving their knowledge about the medications they take, observes William Chamberlin, MD ’74, chief medical officer.

Sixty-nine percent of UIMC patients said the risks and benefits of medications were “always” explained to them, a score significantly higher than the state and national averages. Nurses at the medical center make a point to explain basic drug information in order to better educate patients and families about new medications, even if the medication is as common as Tylenol.

Technology also plays a vital role in caring for patients at the medical center. For example, the hospital’s electronic medical record automatically triggers a consultation with a clinical pharmacist if the patient is taking multiple medications.

President Obama’s healthcare proposal calls for the implementation of electronic medical records systems in every hospital in the country. The medical center long has been a national leader in this area, having implemented its electronic medical records system in 1997.

“These scores reaffirm the importance of being a patient-centered hospital that is sensitive to the needs of patients and their families.”

JOHN DENARDO, MS, MPH, CEO

In August, *Hospitals and Health Networks*, the journal of the American Hospital Association, named the medical center among the top 100 “Most Wired Hospitals” nationwide for the third consecutive year. The list recognizes hospitals for using information technology to streamline business and clinical practices, reduce medical errors and improve clinical outcomes.

“This recognition reflects our commitment to the role of information technology to sustain the highest levels of patient care and safety,” DeNardo says. “We believe that

everyone at the medical center—patients, physicians, nurses and staff—are positively affected by the technology we’ve implemented to support our missions of patient care, research and teaching.”

The medical center’s electronic medical records system securely links medical data on more than 2 million patients throughout the hospital, outpatient centers, satellite facilities, academic offices and laboratories. This integration provides clinicians in a variety of locations access to the same information simultaneously, which supports best practices in clinical care.

The system provides an automated process for all aspects of medication reconciliation and aids work flow with a wide range of clinical information, such as vital signs and the charting of drug doses. The system also includes a suite of applications to better manage patient visits.

\$20 Million NIH Grant to Transform Clinical Research at UIC

by Jeanne Galatzer-Levy

The National Institutes of Health has awarded UIC’s Center for Clinical and Translational Science a five-year, \$20 million grant, the largest in the university’s history.

Translational research—turning new, basic science knowledge into useful applications for health and medicine—is “an urgent need and a continuing challenge,” says R. Michael Tanner, PhD, UIC provost and vice chancellor for academic affairs. “Insights from basic research need much development and further study to create beneficial clinical practices, and the NIH is funding us to accelerate the process.”

The NIH launched the Clinical Translational Science Award program in 2006 to fund a national consortium of medical research institutions that now includes 39 leading centers in 23 states. When the program is fully implemented, about 60 centers will be connected with an annual budget of \$500 million.

The UIC center was established in 2007 to create new collaborations and support the movement of knowledge from the lab bench into the community. The center provides a Web-based as well as a geographic single point of access for investigators—including a match-making service to identify potential new collaborations.

To provide support for research, the center offers six core services: statistical design and analysis, clinical interface, biomedical informatics, regulatory support and advocacy, community engagement and research, and translational technologies and resources. In addition, the center includes educational programs for pre- and post-doctoral trainees and faculty researchers to train the next generation of translational researchers.

The center also includes researchers at Advocate Health Care and the Jesse Brown VA Medical Center. Some projects already funded by the center include developing a collaborative research program in asthma and allergic diseases; exploring a promising immunotherapy to treat severe infections in patients with compromised immune systems; and a multidisciplinary approach to

improving cancer care for rural residents.

“The CCTS draws upon the rich intellectual breadth of the UIC campus and adds to the portfolio of excellent research that is under way here,” says Paula Allen-Meares, MSW, PhD, UIC chancellor.

“The center will capitalize on mature conceptual and technological resources at UIC to foster collaboration and innovation,” says Theodore Mazzone, MD, professor of medicine and director of the center. “Our goal is to facilitate the work of translational investigators, to make it easier and more attractive for them to think beyond traditional disciplinary boundaries.”

“This grant enables UIC to enhance its collaborative research in the health sciences, from basic science to community engagement, bringing in virtually all the colleges at UIC as well as great collaborations with the Urbana-Champaign campus and the medical campuses at Peoria and Rockford,” says Joseph Flaherty, MD, dean of the College of Medicine.

The scope of the collaborations makes the UIC center “unique as a statewide translational science program,” Flaherty says.

“This is an important award for UIC,” adds Larry Danziger ’73, ’76, PharmD, UIC interim vice chancellor for research and professor of pharmacy practice. “We are excited about the ways in which this award will facilitate increased collaborations among our basic science and clinical researchers on campus, our local community partners, and our national peers to move basic science findings more quickly into clinical trial and community settings.”



Theodore Mazzone, MD, Director, UIC Center for Clinical and Translational Science

“The center will capitalize on mature conceptual and technological resources at UIC to foster collaboration and innovation.”

THEODORE MAZZONE, MD

UIC Leads Nationwide Study to Evaluate Blood Flow and Stroke Risk

by Sherri McGinnis González

UIC researchers have been awarded a five-year, \$2.1 million grant from the National Institute of Neurological Disorders and Stroke to lead a multicenter study to assess the relationship between blood flow in the back of the brain and stroke risk.

“There’s been a lot of emphasis in prior medical research on the type of stroke that affects the anterior circulation, or blood



Sepideh Amin-Hanjani, MD (front), with her team (left to right) Linda Rose-Finnell, MPA, Karriem Watson, MD, MS, CCRC, and Nada Mlinarevich, MPH '03, MS

supply to the major lobes in the front of the brain,” says Sepideh Amin-Hanjani, MD, assistant professor of neurological surgery and principal investigator of the study. “But there’s another set of arteries that supply the back part of the brain, including the brain stem, which is a smaller but in some ways a much more functionally important part of the brain with a lot of important real estate.”

Even a very small stroke in this area of the brain can have very devastating consequences, Amin-Hanjani adds.

Ischemic strokes—the type caused by blockages in the blood vessels to the brain—account for 80 percent of all strokes and represent a major source of death and disability. The study will enroll 80 patients who have first-time stroke symptoms caused by 50 percent or greater blockage of the arteries leading to the back of the brain. Study patients will be enrolled at UIC, Mercy Hospital in Chicago, Columbia University in New York, Washington University in St. Louis and the University of California, Los Angeles.

Patients will receive standard brain imaging with MRI or CT, imaging of the blood vessels and possible medication therapy, which might include aspirin, anti-cholesterol medication or blood pressure-lowering medication.

As part of the study, patients will additionally undergo magnetic resonance perfusion and quantitative magnetic resonance angiography that measures blood flow using NOVA technology developed by Fady Charbel, MD, Res '93, professor and head of neurological surgery at UIC. The Noninvasive Optimal Vessel Analysis measures the volume and direction of blood flow and provides a four-dimensional view of the shape and form of blood flow.

Patients will be imaged when they are first enrolled in the study and six and 12 months later. They will be monitored monthly for any recurrent symptoms that would suggest a stroke.

After following the participants for a minimum of one year, researchers will compare the blood flow of patients who had a stroke since their initial symptoms with those patients who did not have a stroke.

“We hypothesize that patients who have better blood flow to their brains are going to be the ones that don’t have new strokes, and those that have low blood flow on their brain scans will be at higher risk of having strokes,” says Amin-Hanjani.

If this correlation is demonstrated, then patients with low blood flow to their brain—even when they first have stroke symptoms—may be candidates for intervention such as stenting or angioplasty to increase blood flow, Amin-Hanjani says. At the same time, people who have stroke symptoms but normal blood flow could be reassured that their risk of stroke on medication therapy is low, and there may be no need for further intervention exposing them to unnecessary risk.

“If we know who is at highest risk, we may be able to figure out who is going to benefit the most from interventional treatment,” says Amin-Hanjani. “Given that treatment such as stenting is not entirely risk-free, it would be important to know that you’re treating the highest-risk population and offering them a benefit, rather than treating patients who may not need it.”

For more information about the study, visit <http://veritas.neur.uic.edu> or www.clinicaltrials.gov or call (312) 355-2050.

Robotic Surgery Program Achieves Breakthroughs in Liver Transplant, Thyroid Surgery

by Chris Martin and Sherri McGinnis González

The robotic surgery program at the University of Illinois Medical Center continues to pioneer new procedures

that are improving patient outcomes and shaping the future of surgery. The program’s latest advances include the world’s first minimally invasive robotic liver resection for living-donor transplant and the first robotic parathyroidectomy in the United States.

During robotic surgery, physicians guide robotic arms—which allow for greater steadiness and precision than human hands—in order to perform extremely delicate, minimally invasive procedures.

In April 2008, Pier Cristoforo Giulianotti, MD, chief of general surgery and Lloyd M. Nyhus Professor of Surgery, and his colleague Fabio Sbrana, MD, surgery attending, removed 60 percent of Charles Tongue’s healthy liver in order to replace the diseased liver of Gary Tongue, Charles’ half-brother.

In a typical adult living-donor liver procurement procedure, a long incision covering the entire upper abdomen is made to remove the right lobe of the liver. The UIC surgical team used a minimally invasive approach, aided by the da Vinci Robotic System, to complete the procedure through four small incisions. The surgeons then removed the lobe through a three-inch incision in the lower abdomen to minimize postoperative pain.

Charles’ liver then was transplanted into Gary by Enrico Benedetti, MD, Res '93, Warren H. Cole Chair and head of surgery, and José Oberholzer, MD, chief of the division of transplantation and professor of surgery, endocrinology and bioengineering.

“This transplant could be a turning point event heralding a new era in living-donor liver transplantation,” says Giulianotti. “The possibility of offering to the donor a perfect minimally invasive operation, increasing the accuracy of the resection while minimizing operative risk and blood loss, is a major step forward.”

Gary, who runs a siding business in Rockford, was diagnosed with hepatitis C in 2007 and subsequently developed a cancerous tumor on his liver, necessitating a transplant. A wait for a cadaver donor might have led to his tumor growing to the point that a

transplant would have been unsuccessful.

Charles, who works in shipping for a Rockford-area company, discovered that as a blood-type match for his half-brother, he could donate a portion of his liver to him and potentially save his life. Both brothers are doing well after their procedures.

In October, the robotic surgery team achieved another first when they performed a procedure that removed a patient’s parathyroid glands without making an incision in or leaving a scar on his neck.

Bilal Akbar suffered from hyperparathyroidism caused by chronic kidney failure. His overactive parathyroid glands produced too much parathyroid hormone, which caused dangerously high calcium levels in the blood.

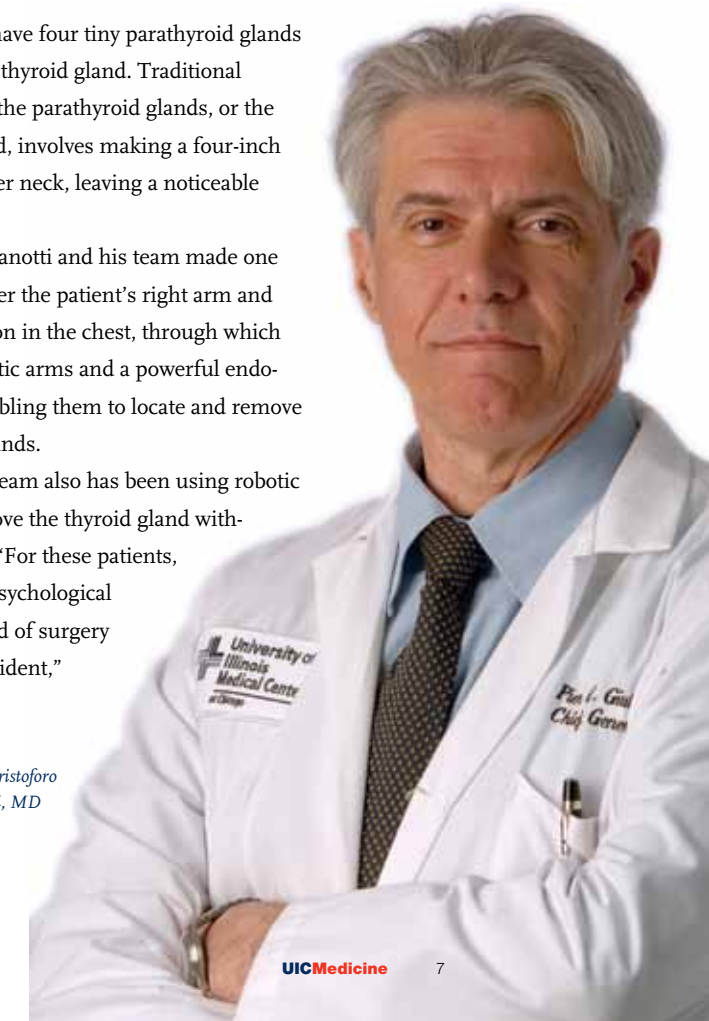
“I’m so glad they didn’t have to cut my neck,” says Akbar, the first person in the United States or Europe to undergo a robotic parathyroidectomy. He was released from the hospital one day after surgery.

Most people have four tiny parathyroid glands behind or near the thyroid gland. Traditional surgery to remove the parathyroid glands, or the larger thyroid gland, involves making a four-inch incision in the lower neck, leaving a noticeable scar after surgery.

Instead, Giulianotti and his team made one small incision under the patient’s right arm and another tiny incision in the chest, through which they threaded robotic arms and a powerful endoscopic camera, enabling them to locate and remove the hard-to-find glands.

The robotics team also has been using robotic techniques to remove the thyroid gland without leaving a scar. “For these patients, the cosmetic and psychological benefits of this kind of surgery are immediately evident,” Giulianotti says.

Pier Cristoforo Giulianotti, MD



Best Docs Events Celebrate Excellence of UIC Physicians and Staff

by Kevin McKeough

The College of Medicine recently celebrated the excellence of its faculty with a pair of June 11 events in honor of the UIC physicians included in this year's print editions of *The Best Doctors in America*® and *America's Top Doctors*®.

In all, 123 members of the College of Medicine and University of Illinois Medical Center faculty were chosen by their peers for inclusion in these two well-respected guides. Many of them were on hand for the Best Docs breakfast at the medical center and the Best Docs reception that evening at Student Center West on the UIC campus.

"People choose us for healthcare because of you. People come to us for our top-ranked doctors. Thank you for making us what we are," John DeNardo, MS, MPH, CEO of the UIC Healthcare System, told the honorees at the reception. In addition to the doctors being recognized, many of whom were

accompanied by their spouses and other family members, the group also included UIC Chancellor Paula Allen-Meares, MSW, PhD, and Rhonda Thomas, JD, chair of the UIC Medical Advancement Council.

Thomas spoke glowingly of her own personal experience receiving care at the University of Illinois Medical Center. "I'm so proud, so fortunate to have received care at UIC," said Thomas, who has received both wellness care and treatment for injuries after an accident. "This is a wonderful place to be taken care of."

Many of the remarks and conversations during the evening had a common theme—that care at UIC is characterized by personalized attention to patients and their overall

health needs. "The physicians here don't forget the cardinal rule: It's not just what you do, it's how you listen," said Joseph Flaherty, MD, dean of the College of Medicine.

Michael J. Blend, PhD, DO, professor of radiology and nuclear medicine, observed that UIC physicians seek to understand the backgrounds of their patients—many of whom have multiple, interconnected health problems—so they can address unhealthy behaviors and other issues underlying these illnesses. "We're very holistic in our approach," Blend said. "When a patient comes through our doors, we don't see a liver problem or a heart problem, we see a person with a liver or cardiac problem.



We try to help the patient address their medical problem in every aspect of their lives."

"One of the benefits of academic medicine is that I can see fewer patients that are more complicated; you get to know them better and spend more time with them," observed Russell Brown, MD, associate professor of medicine in the section of digestive disease and nutrition. "Communication with the patient is key. It's a question of setting aside the time to make the phone calls."

Because no physician works alone, the Best Docs breakfast recognized the support staff who assist with patient care. "It's the collabora-

tion between physicians and the staff that makes our job possible. There is no great doctor without a great staff," Enrico Benedetti, MD, Warren H. Cole Chair and head of surgery, told the gathering, recounting how a transplant team assembled on only a few hours' notice to assist him in performing a transplant on a Sunday morning when a donor organ suddenly became available.

"We help the doctors focus on patient care because we take care of all these other issues," reflected Ellyn Jacobs, division coordinator in the department of obstetrics and gynecology.

"We help the doctors be efficient," added Diane Ruiz, administrative and financial director, obstetrics and gynecology, who switched her ob/gyn care to UIC three years ago after seeing the same doctor for 30 years. "They work to explain things to you. Even though it's a large hospital, we maintain an intimate setting like a private practice so you don't feel like a number."



for Juvenile Research; **Lucas Regan** and his mother, **Joanne Regan**; and **Doug and Margey Colbeth**, who helped establish the Colbeth Clinic. During the event, the Regans received the Speaking Out Award for their courage in the fight to battle mental illness.

Young Alumni Networking Reception

The College of Medicine held a Young Alumni Networking Reception in May in the College of Medicine Faculty Alumni Lounge. Among the recent graduates in attendance were **Ashlee Goldsmith, MD '09**, and **Don Arnold, MD '05**.



African-American Scholarship Reception

On May 28, African-American alumni from the classes of 1954 to 2009 came back to the UIC campus to network with one another and meet current African-American scholarship recipients. **Javette Orgain '72, MD '81, MPH '05**, assistant dean, Urban Health Program, and associate professor of clinical family medicine, visited with **John Bolden, MS '93, MD '99**.



professor of clinical family medicine, visited with **John Bolden, MS '93, MD '99**.

Graham Clinical Performance Center

The College of Medicine dedicated the Dr. Allan L. and Mary L. Graham Clinical Performance Center this past January. Named in honor of the Grahams in recognition of their generous gift to the college, the center provides simulated patient encounters to help educate and train medical students. Left to right: **William**



Chamberlin, MD '74, chief medical officer; **Rachel Yudkowsky, MHPE '00**, assistant professor of medical education; **Joseph Flaherty '68, MD '71, Res '75**, dean of the College of Medicine; **Paula Allen-Meares, MSW '71, PhD '75**, UIC chancellor; **Mary L. Graham '57** and **Allan L. Graham, DVM '54, '58, MD '60, Res '65**; **R. Michael Tanner, PhD**, UIC provost; and **Leslie Sandlow '56, MD**, senior associate dean for educational affairs.

Olga Jonasson Symposium

The department of surgery hosted the second annual Olga Jonasson Symposium in June at the University Club of Chicago. The event honors the late founder of the division of transplantation at UIC, a College of Medicine alumnus (MD '58, Res '64). The Warren H. Cole Society First Scientific Meeting also was held in conjunction with the symposium. The society promotes medical education and is named for the first head of the department of surgery at UIC. Left to right: **Mimis Cohen, MD**, professor and chief, division of plastic, reconstructive and cosmetic surgery at UIC and Warren H. Cole Society president, with Olga Jonasson Alumni Award recipients **Richard Kagan, MD, Res '80**, and **Charles Stolar, MD, Res '80**.



Enrico Benedetti, MD, Warren H. Cole Chair and head of surgery (left), and **John DeNardo, MS, MPH**, CEO of the UIC Healthcare System (right), at the Best Docs breakfast



1 The crowd at the Best Docs breakfast. **2** **Rhonda Thomas, JD**, a member of the UIC Medical Advancement Council, speaks at the Best Docs reception. **3** (Left to right): **Joseph Flaherty, MD**, dean of the College of Medicine, with **Nathalie P. Azar, MD**, associate professor of clinical ophthalmology; **Lisa Hartemayer, MBA**, orthoptist, department of ophthalmology and visual science; and **Geri S. Fox, MD, MHPE**, professor of clinical psychiatry, at the reception. **4** **Fady Charbel, MD, Res '93**, professor and head of neurological surgery (left), and **Renaud Gueret, MD** (right), who spoke at the reception. **5** (Left to right): **Christopher Olosole, MD, MPH '05**, professor of medicine in the section of pulmonary, critical care, sleep and allergy; **Mary E. Schraufnagel, MD**; and **Dean E. Schraufnagel, MD**, professor of medicine in the section of pulmonary, critical care, sleep and allergy, at the reception. **6** (Left to right): **Elizabeth Wiley, MD**, director of surgical pathology; **Marguerite Lyon**, compliance coordinator, surgical pathology; **Beverly Tousana**, program coordinator, anatomic pathology. **7** (Left to right): **Sepideh Amin-Hanjani, MD**, assistant professor of neurological surgery; **Konstantin Slavin, MD, Res '01**, assistant professor of

neurological surgery; **Russell Brown, MD**, associate professor of medicine in the section of digestive disease and nutrition; and **Arlene F. Norsym '67, MBA '85**, UIC vice president and associate chancellor, alumni relations, at the reception.



The Walter Payton Center Guild will hold its 10th anniversary annual gala and honor the legacy and memory of Walter Payton on Saturday, Nov. 7, at the United Club at Soldier Field. The event will raise funds to support gastrointestinal and liver disease treatment and research at UIC, home of the Walter Payton Liver Center. For more information, please call (312) 996-5178 or e-mail wpcguild@uic.edu.

Around Town

College of Medicine Installs Faculty Members in Endowed Chairs and Professorships

by Kevin McKeough

Endowed chairs and professorships provide the College of Medicine with a permanent financial foundation for its endeavors, creating legacies that span generations.

Endowed funds are held permanently as principal, while the interest income they generate enables the college to provide faculty members with the support they need to pursue

breakthroughs in research and clinical care and impart their knowledge to the next generation of physicians. Such support is crucial to the college's ability to retain and recruit the highest quality faculty.

Thanks to the generosity of its supporters, since the beginning of 2008 the College of Medicine has installed faculty members in two new endowed chairs and three new endowed professorships—the most of any college at the University of Illinois at Chicago.

In addition, this August the college installed Leela M. Prasad, MD, clinical professor of surgery, as the second recipient of the

Turi Josefsen Chair in Colon-Rectal Surgery. Funded by Leon Hirsch, the founder and former CEO of United States Surgical Corporation, the chair was created to honor Josefsen, the former executive vice president of USSC.

"These endowed positions recognize the excellence of our faculty and the generosity of our donors. We are far from done, as we have a wealth of talent and want to shine the light on it," says Joseph A. Flaherty, MD, dean of the College of Medicine. "I congratulate my colleagues on these well-deserved honors, and give my deepest thanks to the supporters who made it possible."



1 In April of 2008, **Enrico Benedetti, MD, Res '93**, head of surgery, was installed as the Warren H. Cole Chair of Surgery. Named for the late first head of surgery at UIC, who served for 30 years, the chair was made possible by contributions from Cole and his late wife, Clara, and Cole's colleagues, friends and former residents. Left to right: Benedetti, Joseph A. Flaherty, MD, dean of the College of Medicine, and Eric A. Gislason, PhD, former interim chancellor of UIC.

2 In August of 2008, **Lawrence S. Chan, MD**, head of dermatology (right), was made the Dr. Orville J. Stone Professor of Dermatology. The late Orville J. Stone served on the faculty of the University of Texas Medical School at Galveston and the University of California Irvine College of Medicine. Stone's oldest son, Gregory Stone, PhD (left), represented his father at the investiture. The professorship was made possible by a gift from an anonymous donor in Stone's honor.

3 Last October, **Philip B. Gorelick, MD, MPH '88**, head of neurology and rehabilitation, became the Dr. John S. Garvin Chair of Neurology. John S. Garvin '42, '43, MD '44, joined the neurology department at UIC in 1951 and served as department head from 1972 to 1988. The fund in his honor was made possible by generous gifts from Garvin's sisters, Eleanor Garvin Skinner and the late Mary Ann Garvin Coleman '35, MS '41. During the dinner after his investiture, Gorelick (standing) presented a framed copy of his investiture medallion to (left to right) Skinner, Garvin and his wife, Suzanne Garvin.

4 This past November, **Sarah Kilpatrick, MD, PhD**, vice dean of the College of Medicine and head of obstetrics and gynecology (left), was installed as the Dr. Theresa S. Falcon-Cullinan Professor of Obstetrics and Gynecology. The professorship was made possible by a \$500,000 gift from its namesake, Theresa Falcon-Cullinan, MD (right), who passed away in late August. She was the retired founder and CEO of the Falcon Center for Women, a women's healthcare practice in Peoria. With her husband, Stephen Cullinan, MD '72, she also co-founded Health Professionals, Ltd., a practice that provides

health services for the inmates of correctional facilities. She was a clinical assistant professor at the College of Medicine at Peoria, as is Stephen Cullinan.

5 This past April, **Mark Gonzalez '76, MD, Res '85, MEng '04**, head of orthopaedics, assumed the Dr. Riad Barmada Professorship in Orthopaedics. After completing a residency at the University of Illinois Hospital in 1965, Barmada joined the College of Medicine in 1967 and served as department head from 1984 until his retirement at the beginning of

1999. The professorship was made possible by gifts from Edward Abraham, MD, Res '75, Barmada's successor as head of orthopaedics; and Barmada's former residents, particularly the generosity of Steve Irwin, MD '77, Res '82, and his wife, Kathy Irwin. Left to right: Irwin, Richard B. Ressman '65, MD '68, a donor to the Barmada Professorship endowment, Gonzalez and Barmada.

J. Usha Raj Becomes New Head of Pediatrics

J. Usha Raj, MD, became the new head of the UIC department

of pediatrics in March 2008. She previously was professor of pediatrics at the David Geffen School of Medicine at UCLA and chief of neonatology and vice chairman of research in the department of pediatrics at Harbor-UCLA Medical Center.

Raj is a graduate of Seth G.S. Medical College, University of Bombay, India, and completed her residency in pediatrics at B.J. Wadia Children's Hospital in Bombay. She then completed a clinical fellowship in neonatology at Tulane University Medical Center before moving to California to become a research fellow at the Cardiovascular Research Institute, University of California, San Francisco.

Raj has focused much of her research on pulmonary vascular function in the fetus and newborn in an effort to understand why some babies develop problems related to the lung blood vessels while others do not. Her studies have been funded continuously by the National Institutes of Health for 25 years. She is currently the principal investigator on three separate research grants funded by the National Heart Lung and Blood Institute, a division of the NIH.

"We are thrilled to have spirited Usha Raj from UCLA," says Joe Flaherty, dean of the College of Medicine. "It speaks to the college's success that we are able to attract such a high-caliber leader who could have basically gone anywhere."

"My goal is to make the department of pediatrics an outstanding academic department, with strong programs in education, clinical service and research and with the ability to provide outstanding care to the children of Chicago," Raj says.



J. Usha Raj, MD

College Plans New Psychiatry Residency, Study Space Renovation

by Kevin McKeough

TO ENHANCE the medical education it provides, the College of Medicine at Peoria will be adding a psychiatry residency and upgrading its facilities to provide new study and learning spaces. “The college is committed to excellence in medical education, and that commitment includes both the programs we provide and the facilities in which these programs take place,” says Sara Rusch, MD, Res ’81, regional dean. “These new initiatives will enable the college to serve our students and residents better and also to benefit the greater Peoria community where many of our trainees practice.”

The college has recruited a new chair of the department of psychiatry and behavioral medicine, Ryan Finkenbine, MD, who joined the faculty last January. He previously served as program director of the psychiatry residency and forensic fellowship at West Virginia University School of Medicine.

Finkenbine has been charged with collaborating with UICOMP-affiliated Methodist Medical Center of Illinois to develop the new psychiatry residency program. He also will develop a forensic psychiatry practice and support the clinical, educational and research efforts of the department.

The psychiatric residency program is being established in order to provide greater educational opportunities for the college’s students and meet the mental health needs of the Peoria region. The college’s plans call for the program to begin training its first group of residents in July of 2011.

“Peoria is a relatively large city with a wide regional catchment area of individuals who could benefit from the greater availability of mental health care for everything from depression and simple anxiety all the way through to alcohol and drug problems, bipolar disorder and schizophrenia,” Finkenbine observes. “Starting in 2011 we’ll immediately add four new caregivers, and by 2014, we’ll have 16 new providers participating in the residency here in Peoria. That probably doubles the number of psychiatrists in the area.”



Ryan Finkenbine, MD,
Chair, Department of Psychiatry
and Behavioral Medicine

Student Learning Enhancement Project Will Reconfigure Medical Education

The study areas used by the college’s 150 medical students have not been changed significantly since the College of Medicine at Peoria building first opened in 1976. The college plans to renovate these facilities thoroughly in order to provide students with comfortable, modern study areas equipped with the technology that contemporary medical education requires.

“We need to transform our existing space into a technology-rich, student-friendly learning center,” Rusch says. “We believe that in order to educate students for the future, we need to move to a greater emphasis on small-group teaching and learning. We want to give our students the benefit of enhanced educational technology.”

Dubbed the Student Learning Enhancement Project, the renovation will create multipurpose rooms that can be used both for individual study and student collaboration. Plans for the project also include a learning lab to facilitate educating both students and faculty on how to teach and learn using new educational technologies.

“Medical students, especially second-year students, spend most of their day at the College of Medicine for lectures and then have very large amounts of information to study afterwards,” says recent College of Medicine at Peoria graduate Ingrid Kraus, MD ’09. “Sometimes it’s hard to find a place in the school to study. Modern study areas would definitely make the medical school a more inviting and enjoyable place to study.”

So far, about \$260,000 of the project’s \$450,000 budget has been raised due to the generosity of alumni, faculty and the community. “An investment in the Student Learning Enhancement Project is an investment in the future of medical education and healthcare,” observes Susan Dunnan, director of development for the College of Medicine at Peoria.

Work on the project is scheduled to begin during the winter break at the end of this year. “When the students return, they will find renovated and updated learning spaces that will be well-suited for interactive learning,” Rusch says.

MERIT Program Helps Identify and Respond to Child Abuse

by Cynthia Hall

In 2008, the College of Medicine at Rockford partnered with a local nonprofit service agency in a program that evaluates children who may be victims of sexual or physical abuse and neglect.

The goal of the Medical Evaluation Response Initiative Team program is to ensure that such children receive an appropriate and timely physical evaluation by qualified medical experts as part of a thorough and collaborative investigation into every allegation of child abuse and neglect.

Winnebago County, which includes Rockford, coordinates medical evaluations of children who may be victims of abuse through the Carrie Lynn Children’s Center. However, significant barriers existed that prevented suspected victims of physical child abuse and neglect from receiving these evaluations, causing problems in the investigation process and making it more difficult for the Illinois Department of Children and Family Services to intervene effectively.

“Many providers do not have the knowledge of injury science to determine whether the history and injury are consistent. They frequently operate under assumptions and biases that lead them to underestimate the significance of the findings and fail to act,” says David Deutsch ’85, MD ’89, chair of pediatrics at the College of Medicine at Rockford. “We can address these problems by providing an evidence-based, expertly trained referral source.”

In partnership with the Carrie Lynn Children’s Center and with DCFS grant funding and support from the three Rockford hospitals, the college now provides the medical team that conducts evaluations in suspected physical abuse cases. The MERIT team includes Ray Davis, MD ’84, a Rockford pediatrician with extensive training and experience in treating and evaluating child abuse; Lori Thompson, NP, MS ’05; Tammy Dunkel, RN, pediatric sexual assault nurse examiner; and CeCe Powell, coordinator.

Abuse evaluations are handled by MERIT in the hospitals’ emergency rooms or at Rockford Health Physicians, the clinic where Davis is in practice. Staff at Carrie Lynn coordinate the evaluations and the reporting back to DCFS and the court system, and prepare for court cases when child abuse charges are filed.

“In MERIT’s first five months, we saw 98 children,”

Thompson says.

Abuse is a severe national health problem. One in 66 children is abused, compared with one in 30,000 with acute leukemia, says Mary Clyde Pierce, MD, associate professor of pediatrics and medical director, University of Louisville. “Eighty percent of fatal abuse victims were known to a professional who did not act,” Pierce adds. In Illinois, reports of abuse have nearly doubled from 51,674 in 1981 to 111,742 in 2007, according to DCFS.

When abuse is suspected, MERIT receives a request for evaluation from DCFS, law enforcement, emergency department physicians and/or primary care providers. The MERIT case coordinator arranges for consultations and second opinions from other child advocacy centers or DCFS investigators in the Northwest Illinois region. Each case is assigned to one of the providers, who collaborates with investigative and medical personnel as needed.

Medical services include comprehensive expert medical evaluation and diagnosis, case coordination of each child’s identified health needs, appropriate and timely follow-up of targeted medical services, documentation of findings and recommendations for follow-up to a referral source, data tracking, parent education and support, and court testimony.

In addition to evaluating patients, the MERIT program is helping train medical personnel and other professionals to recognize and report child abuse and to perform quality evaluations. The department of pediatrics at the College of Medicine at Rockford is establishing a rotation in the evaluation of child abuse for both medical students and family medicine residents.

“Just as all doctors should know something about heart attacks, they should all have a fundamental understanding of abuse. MERIT will work with our students to assure that everyone who graduates from Rockford has the knowledge and skill to tackle this issue,” says Martin Lipsky, MD, dean of the College of Medicine at Rockford. “I am excited by the opportunity to educate our students to identify and refer children for help, and as a result, prevent more harm to this most vulnerable group.”



Ray Davis, MD (left),
and David Deutsch, MD
(right), confer about a
MERIT patient case.

Lighting the Way to Imaging Breakthroughs

by Dan Liberty

Stephen Boppart, MD, PhD, has developed novel ways to use light to generate high-resolution, real-time, noninvasive images of biological tissue at the cellular and molecular levels. His goal is to radically improve the tools physicians use to treat and diagnose disease.

“Why should the final decision on the presence of diseased tissue take place in the laboratory, on excised tissue, days after surgery?” Boppart asks. “Why not create the tools to make those decisions right at the bedside without removing the tissue?”

A professor of electrical and computer engineering and bioengineering who also is affiliated with the department of internal medicine in the College of Medicine at Urbana-Champaign, Boppart heads the Biophotonics Imaging Laboratory at the university’s Beckman Institute. The central focus of his research is integrative imaging, which brings together the principles of imaging science and new technologies to create the next generation of imaging instruments. Boppart has published more than 165 papers and book chapters related to optical imaging, and holds seven patents with more than a dozen patents pending.

One of the emerging imaging techniques Boppart is developing is optical coherence tomography. The optical equivalent of ultrasound, OCT uses near-infrared light to produce high-resolution images of the subsurface of biological tissue. Several applications of this technology currently are undergoing clinical trials.



Stephen Boppart, MD, PhD

OCT is being used to provide surgeons with a real-time “optical biopsy” of diseased tissue. Although surgeons make every effort with currently available technology to remove all of a patient’s tumor without damaging healthy tissue, they often do not know how successful they have been until after they’ve closed up the patient and read the pathology report. OCT allows the surgeon to see images of the tumor, down to the cellular and molecular level, while the operation is in process. The goal is to achieve what surgeons call 100% clear margins: all of the diseased tissue removed, none of the healthy tissue damaged.

Boppart’s Biophotonics Imaging Laboratory has a large and highly interdisciplinary team of researchers developing and translating many other optical imaging and diagnostic technologies. Advanced microscopy techniques include multiphoton microscopy for visualizing fluorescent molecules and label-free coherent anti-Stokes

Raman scattering microscopy for generating images based on molecular composition, not just structure. Optomechanical methods can determine the biomechanical properties of tissues and cells, and novel types of molecular imaging agents are being developed for enhancing contrast and delivering therapy.

Once developed, these advanced methods are then applied across many areas of biology, medicine and surgery.

An Illinois native, Boppart received his PhD in electrical and medical engineering from MIT in 1998 and his MD from Harvard Medical School in 2000. After Harvard, he chose the University of Illinois as his academic home because of the cross-disciplinary research opportunities at the Beckman Institute, which brings together more than 600 researchers from 40 UIUC departments.

If imaging science and technology evolve as Boppart envisions, principles of integrative imaging soon will be central to the diagnosis and treatment of disease. One day, he believes, doctors will swipe a finger across a screen to call up images of diseased tissue, display biological analyses of the tissue in numerical and visual formats and compare the data observed to patterns of disease origin, progression or recovery in medical data banks.

“We have millions of images of tissue that have already been diagnosed, tissue in all states of health, disease or treatment,” Boppart says, “All that’s needed is to better manage, integrate and comprehend the information available to us across the imaging modalities.”

New Chair Stresses Advocacy, Help in All Forms

by Kevin McKeough

When John C. Mason Jr. ’53, MD ’55, Res ’59, assumed the leadership of the Medical Alumni Council in the spring of 2008,

one of his top priorities was to increase involvement by College of Medicine alumni in the University of Illinois’ advocacy efforts.

“Because the College of Medicine is a state-supported institution, it’s important that legislators and other government officials hear from our alumni about issues that affect the college,” Mason says. “It’s a case of the squeaky wheel getting the grease. We need to make certain that our message is heard among the many voices who are lobbying for legislation and state funding.”

Of course, if doctors had wanted to be lobbyists, they would have gone to law school, not medical school, but the Illinois Connection program makes it easy for College of Medicine alumni to provide advocacy support. A program of the University of Illinois Alumni Association, Illinois Connection keeps alumni informed about state and federal government activities that matter to the University of Illinois and involves alumni in activities to increase support for the university.

“Depending on the members’ wishes, they can take part in anything from e-mail campaigns to meetings with legislators,” says Mason, a retired obstetrician in Danville. Via the Illinois Connection Web site, www.supportuillinois.org, participants in the program can identify their legislators, find the latest news regarding important issues related to the university such as the state budget, and access a wealth of resources to help them when contacting legislators. These advocacy tools include comprehensive information about the university and detailed guidelines about how to communicate with legislators, whether by letter, phone or e-mail, or in face-to-face conversations.

“Illinois Connection makes it as easy as possible to contact legislators and share your views with them,” Mason says. “It’s another way our alumni can give to the College of Medicine. We welcome all kinds of gifts, whether it’s financial support, or mentoring students or advocacy.”

With that idea in mind, Mason is trying to help the college’s students select their clinical specialty by providing them with

opportunities to network with alumni. He envisions using social networking to connect students and alumni in the clinical and geographic areas that interest them. He’d also like

students to be able to interact with alumni who work in the clinical programs where they’re considering doing their residency.

Mason also is recruiting alumni to be Essentials of Clinical Medicine tutors. “Who better to represent the college and help students with such issues as ethics, teamwork, leadership and professionalism in medicine than its own graduates?” Mason asks.

Born and raised in downstate Rossville, where his father, John Mason Sr., MD ’27, was a family doctor, Mason helped establish the Medical Alumni Council along with its founding chair, Milt Kramer, MD ’54. “I realized that with the decreases in state funding, the university was going to depend on its alumni more and more, both for financial support and assistance with teaching and providing preceptorships. We needed someone to reach out to the college’s graduates, and I was enthusiastic about doing it.

“Without the university I’d never be a doctor,” Mason continues. “I’m grateful for what they gave me, and I feel I should give back in turn. It’s been fun, too. I’ve enjoyed coming back to the university and being in contact with the alumni.”

For more information about Medical Alumni Council volunteer opportunities, please visit www.medicine.uic.edu or contact Elizabeth Skinner at (312) 996-1511 or med-email@uic.edu.

To join Illinois Connection, please call (800) 524-1420 or (217) 333-9826, e-mail illinoisconnection@uillinois.edu, or visit www.supportuillinois.org.



John C. Mason Jr., MD

New Loan Repayment Regulations Add New Challenge for Students

by Pat Kampert

Smitta Patel '08, MPH '02, MD '09, graduated from the College of Medicine this past May looking forward to her psychiatry residency at Johns Hopkins Hospital in Baltimore, but another aspect of her post-medical school life was less appealing. In addition to her medical degree, Patel and most of her fellow College of Medicine graduates got something else they weren't expecting: changes in the federal rules regarding deferment of medical student loans that will prevent most residents from qualifying. Previously, students who met the government's economic hardship criteria—which includes the majority of College of Medicine

students—were allowed to defer repayment of their federally subsidized loans during residency without accruing interest. Instead, the government made the interest payments for them.

The average College of Medicine student has amassed more than \$150,000 in loans by the time he or she graduates. Although students still may elect to defer their loan repayment, the change in the rules means they now either will have to begin paying off their debt with their modest resident salaries or face the sticker shock of accrued interest charges at the end of their residency.



Smitta Patel, MPH, MD

"When I first started medical school, I was counting on the deferment," Patel says. "That is what we were all thinking as students. Things have really changed. It's kind of a shocker."

Kathleen Kashima, PhD, senior associate dean of students at the College of Medicine, agrees. "This is a disappointing change in federal loans for our students, because they will either have to start repaying their loans while in residency or will have their total educational loan debt increase."

One piece of good news on the financial aid front is the new federal Income Based

Repayment Plan that began July 1. The plan caps medical school loan repayment at 15 percent of the student's available income (defined as 15 percent of whatever a student earns above 150 percent of the poverty line) and provides an alternative for students who will no longer qualify for the economic hardship deferment.

Still, the change is daunting for students like Patel, who says she has seen friends seriously consider abandoning medical careers for professions that are more lucrative. "At a time when most people are buying homes and starting families, we're going to be just coming out of residency with all this debt," she says. "It's scary."

The average College of Medicine student has amassed more than **\$150,000 in loans** by the time he or she graduates.



About Student Activities

Please contact the Office of Student Affairs, College of Medicine West, Room 112, at (312) 996-2450, or online at www.uic.edu/depts/mcam/osa/.

College Opens New Student Lounge

by Pat Kampert

Students passing through the Clinical Science North Building in the fall may find a few new reasons to linger there. A renovation is under way to create a new student lounge in the first floor hallway that will include a coffee kiosk and wireless Internet access.

Efficiency walls and partitions will help to reduce noise, and power outlets will aid students who want to bring their laptops to study at the lounge. The kiosk will offer sandwiches, pastries, yogurt and—perhaps most importantly for sleep-deprived medical students—a wide array of Starbucks coffee drinks.

The lounge is the latest move by the college to create new areas for student access and follows a renovation of the Edystone Lounge, the addition of a study annex and the opening of meeting rooms in the Medical Research building for student use. In addition, the hours of the library were extended in response to student requests, and the Medical Alumni Lounge will become a secure study area for students when it's not being used for other functions and activities.

"I think it's a great thing to have," says Carrie Nieman, M4, president of the Chicago Medical Student Council. "Facilities are always a top priority for students. Whatever we can do to create a space for students to gather is terrific."



Carrie Nieman, M4, president of the Chicago Medical Student Council

Leaders in Medicine

Philip B. Gorelick, MD, MPH, John S. Garvin Professor and head of neurology and rehabilitation at UIC, made a presentation on vascular cognitive impairment at the Tiantan International Stroke Conference, held this past June in Beijing. Gorelick was part of a contingent of distinguished scientists representing the American Heart Association who were invited to the conference to discuss state-of-the-art treatments for stroke and worldwide expansion of stroke knowledge.

Gail Hecht, MD, professor of medicine and chief of digestive disease and nutrition, is president of the AGA Institute, which conducts education, practice and research programs for the American Gastroenterological Association. She began her term as president June 2 during Digestive Disease Week, the largest international conference devoted to the science and practice of gastroenterology. Hecht is only the second woman to be named president in the 112-year history of the AGA,

one of the oldest medical specialty societies in the country. An active member of the AGA for nearly 20 years, Hecht has served on committees focused on research and education, and was elected to the AGA Council as chair of the Intestinal Disorders Section and to the AGA Institute Governing Board as a basic science

counselor. She was recognized by the AGA Foundation in 2008 as one of 24 outstanding women scientists who have made exemplary contributions to digestive disease science.

Linda J. Kenney, PhD, professor of microbiology and immunology, recently was elected to a four-year term as treasurer of the Biophysical Society. The society promotes knowledge in biophysics, which studies the workings of biological systems using a combination of physics, chemistry, mathematical analysis and computer modeling.

Sarah J. Kilpatrick, MD, PhD, vice dean and Theresa S. Falcon-Cullinan Professor and head of obstetrics and gynecology, is the 2009 president of the Society of Maternal-Fetal Medicine, the major academic society for maternal-fetal medicine specialists, with approximately 2,000 members.

Craig Niederberger, MD, professor and head of urology and professor of bioengineering, is the general program chair for the annual meeting of the American Society of Reproductive Medicine, which will be

held in October in Atlanta and is expected to draw 8,000 participants.

J. Usha Raj, MD, professor and head of pediatrics, received the American Thoracic Society's 2008 Recognition Award for Scientific Accomplishment. The international society's highest scientific award, it is given in recognition of a body of work toward the understanding of lung diseases. She also received the 2008 American Medical Association's 2008 Women Physicians Congress Mentoring Award, given to outstanding mentors to medical students, residents and fellows. In 2008, Raj was invited to serve on the editorial board of the *American Journal of Respiratory Cell and Molecular Biology* and was elected to the council of the American Physiological Society.

Terry Unterman, MD, professor of medicine, section of endocrinology, diabetes and metabolism, and professor of physiology and biophysics, has been appointed to the executive advisory council of the Central Society for Clinical Investigation, one of the oldest and largest academic medical societies in the Midwest. He also serves on a National Institute of Diabetes and Digestive and Kidney Diseases special emphasis panel on diabetes, endocrinology and metabolic disease training fellowships.



Philip B. Gorelick, MD, MPH



Linda J. Kenney, PhD



J. Usha Raj, MD



Sarah J. Kilpatrick, MD, PhD



Gail Hecht, MD



Terry Unterman, MD



Craig Niederberger, MD

REUNION2008

by Kevin McKeough

The College of Medicine welcomed back alumni during the 2008 reunion weekend in September.

Thursday evening, alumni mingled during the welcome reception. "I wanted to see everybody, see how they've aged, how they're doing," said **Gerald Gronert '56, MD '58**, a retired anesthesiologist who lives in Albuquerque.

"I'll be interested in seeing the changes in the school as well as the changes in the folks," said **William Winkler '56, MD '58**, a former major general in the U.S. Army and deputy assistant secretary of defense for health officers who later served as executive director of the Kentucky Opera in Louisville, where he lives.

A campus bus tour on Friday provided Winkler and his fellow alumni with the opportunity to take in new and old sights alike. During the day, the alums also listened to talks from faculty members and attended the Dean's Luncheon.

That evening, the alumni gathered at the UIC Forum, a new event facility on the UIC East Campus, for a reception and dinner dance. During dinner, the college's Distinguished Alumnus Award was presented to **Georges C. Benjamin, MD '78**, the executive director of the American Public Health Association, and **James C. Pritchard '54, MD '58, Res '63**, a

retired pathologist.

In addition, the Alumni Association Loyalty Award was presented to **John C. Mason '53, MD '55, Res '59**, a retired obstetrician and the president of the College of Medicine's Medical Alumni Council; **David B. Mayer '78, MD '82, Res '04**, associate dean of curriculum at the University of Illinois at Chicago College of Medicine and director of cardiothoracic anesthesiology at the University of Illinois Medical Center; and **William H. Kaufman '49, MD '51**, a retired surgeon in Dearborn, Mich.

"I fell in love with emergency medicine as a medical student and hung out in the emergency room," Benjamin recalled. "I learned a lot about managing complex medical projects and how to think on my feet."

"I think the medical education here is par excellence. It can hold up to anything in the country," Pritchard enthused. "It's exhilarating to see my classmates, quite a few of whom I haven't seen in 50 years. When we're together for a while, the memories come back and it seems like it was yesterday."



James C. Pritchard, MD who received the College of Medicine **Distinguished Alumnus Award** at reunion, with his wife, Bonnie Pritchard



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1 **Georges C. Benjamin** (right), **MD '78**, receives the College of Medicine **Distinguished Alumnus Award** from **Joseph A. Flaherty** (left), **MD**, dean of the College of Medicine.

2 A couple dances after the **reunion dinner** Saturday.

3 Alumni listen to a presentation during the **Dean's Luncheon**.

4 Alumni and current medical students alike listen during one of the **reunion seminars**.

5 Alumni attend a presentation about **robotic surgery** by **Enrico Benedetti, MD, Res '93**, Warren H. Cole Chair of Surgery (far left), during their reunion tour.

6 Alumni aboard the bus during the **campus tour**.

7 Members of the Class of 1958 celebrate their **50th anniversary** at the reunion.



7

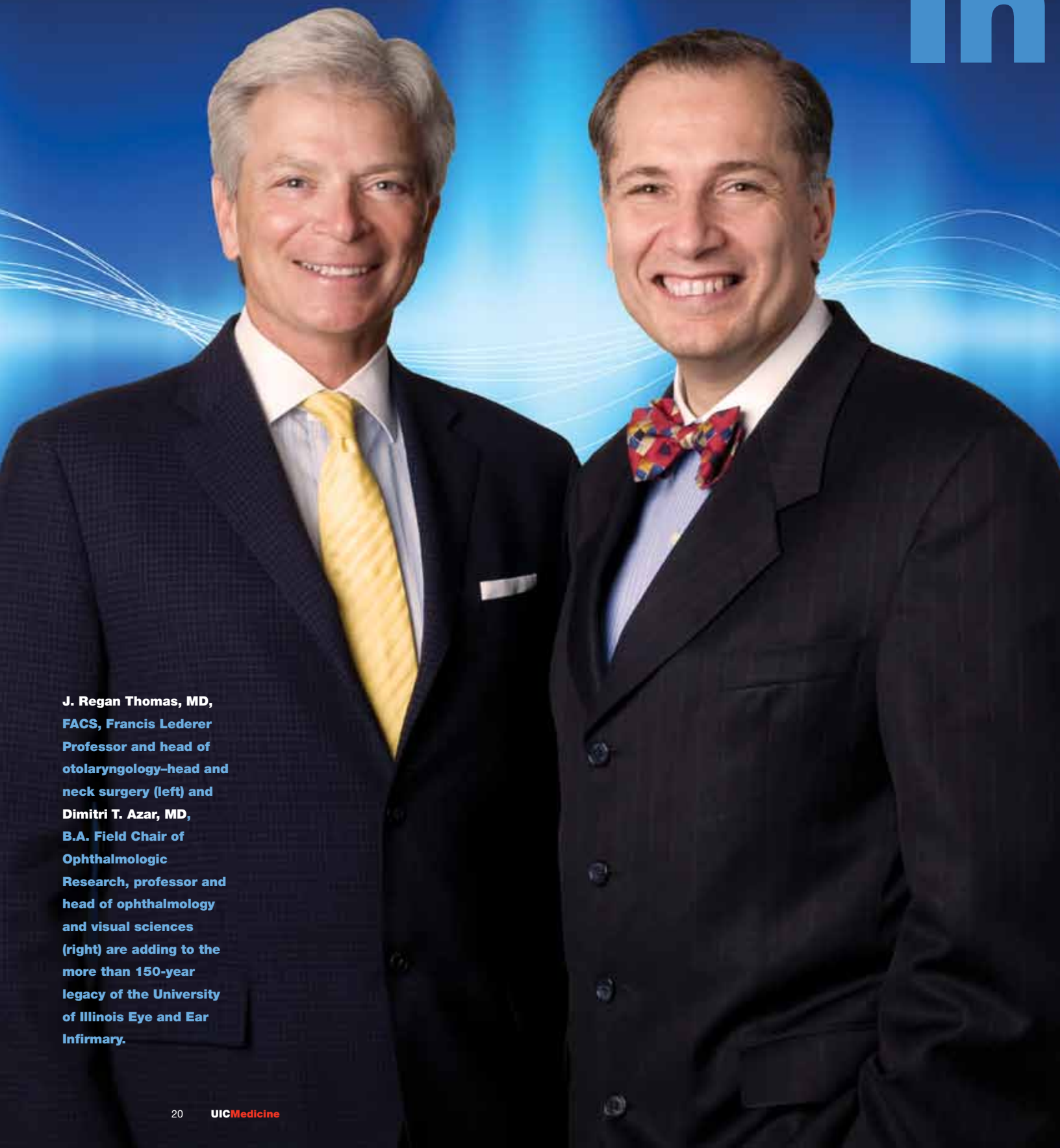
Save the Date! Reunion2009

The College of Medicine's **2009 Reunion will take place October 15 and 16.**

Members of the classes of 1944, 1949, 1954, 1959, 1964, 1969, 1974, 1979, 1984, 1989, 1994 and 1999 are encouraged to attend.

For more information or to register, please visit www.medicine.uic.edu/Reunion2009. Or call Connie Cochran Toole, director of special events and alumni relations, at **(312) 996-1640**.

In sights and Soundings



J. Regan Thomas, MD, FACS, Francis Lederer Professor and head of otolaryngology–head and neck surgery (left) and Dimitri T. Azar, MD, B.A. Field Chair of Ophthalmologic Research, professor and head of ophthalmology and visual sciences (right) are adding to the more than 150-year legacy of the University of Illinois Eye and Ear Infirmary.



Having Celebrated the 150th Anniversary of Their Origin, the Departments of Ophthalmology and Visual Sciences and Otolaryngology–Head and Neck Surgery Continue Pursuing New Advances

When ophthalmologist **Edward Lorenzo Holmes** opened a charitable eye and ear infirmary in Chicago in 1858—nearly three years before the start of the Civil War—more than half of Chicago’s 91,000 residents were struggling for sustenance in the midst of a nationwide economic depression. Holmes’ one-room infirmary began providing free care for the city’s indigent before its inpatient areas were even furnished—the first overnight patient slept on a blanket on the floor.

More than 150 years after its founding, that humble infirmary has become one of the world’s foremost centers for patient care, physician training, innovation and discovery. Today, the University of Illinois Eye and Ear Infirmary stands at the forefront of advances in medicine inconceivable in Holmes’ day. The infirmary’s founder undoubtedly would be amazed, and proud, to learn that physicians in the department of otolaryngology–head and neck surgery performed the first auditory brain stem implant in Chicago this past year, or that the department of ophthalmology and visual sciences has embarked on cutting-edge research that may one day make it possible to perform total eye transplantation to restore vision.

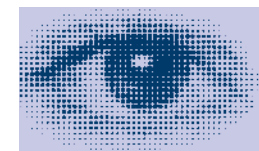
As the accomplishments and advances described on the following pages show, the Eye and Ear Infirmary had much to

celebrate as it marked its 150th anniversary in 2008. The future is sure to bring more innovation and more life-enhancing medical breakthroughs as the infirmary’s physicians, researchers and staff continue Holmes’ founding mission “to prevent blindness and deafness... and avert the misery which must always attend them.”

Strong Vision Ophthalmology Leadership

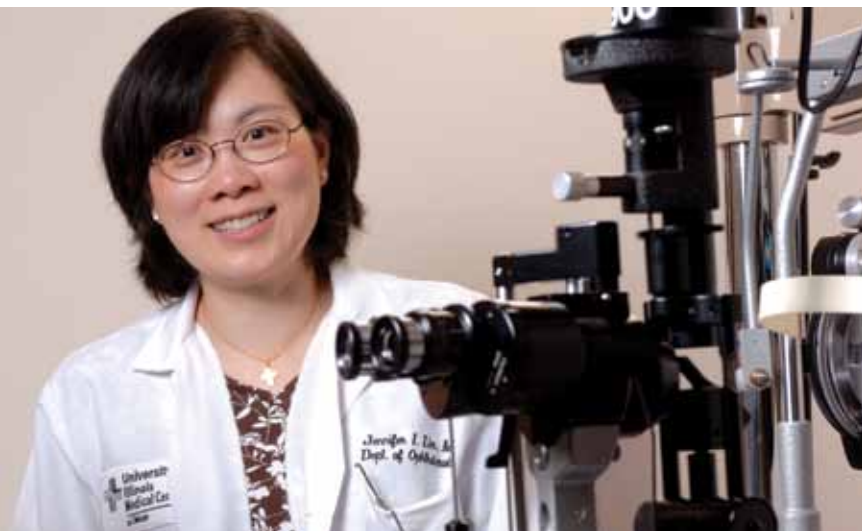
True to its humanitarian roots, the University of Illinois at Chicago department of ophthalmology and visual sciences continues to serve those with the greatest need, from low-income and Medicaid patients to individuals whose complex, difficult cases require the highly specialized care that the department’s physicians and surgeons provide. The department treats more than 55,000 patients each year, most of whom are referred by physicians from across Illinois and beyond.

The arrival of Dimitri T. Azar, MD, as B.A. Field Chair of Ophthalmologic Research, professor and head of ophthalmology and visual sciences in March 2006 ushered in an exciting new chapter in ophthalmology at UIC. An internationally acclaimed cornea and refractive surgeon, Azar brought more than 17 years of experience to his new role, including four years at the Wilmer



Clinics and Services in the Department of Ophthalmology and Visual Sciences

- General Eye Clinic
- Glaucoma Service
- Oculoplastic Surgery
- Pediatric Ophthalmology and Adult Strabismus Services
- Cornea, Refractive Surgery and Contact Lens Services
- Retina, Electrophysiology and Uveitis Services



Jennifer Lim, MD, is developing a center for innovation in retina care.

Ophthalmologic Institute at Johns Hopkins School of Medicine and a decade at the Harvard Medical School, where he was a tenured professor and chief of cornea and refractive surgery at the Harvard-affiliated Massachusetts Eye and Ear Infirmary. Azar is also an established research scientist who has served as principal investigator of a National Eye Institute-funded investigation of corneal wound healing for 16 years.

“I came to UIC because I was excited about the challenge of leading one of the great departments of ophthalmology,” says Azar, who also holds the department’s B.A. Field Chair of Ophthalmologic Research. “I only need to help others see what is clear to me: that our faculty of clinical and research scientists is more of a powerhouse overall than any other group in ophthalmology. We are building on the tradition of excellence and innovation that has characterized the Illinois Eye and Ear Infirmary to further enhance our work in eye research, clinical care and education.”

Under Azar’s leadership, 10 new full-time faculty members have joined the department, and 17 of the department’s physicians and surgeons were included in the physician guides *America’s Top Doctors*® and *The Best Doctors in America*® in 2009.

Many new programs and initiatives have come to fruition, paving the way for important advances in ophthalmological medicine.

Forward-Looking

The Retina Service

The recruitment of Jennifer I. Lim, MD, Res ’90, as professor of ophthalmology and director of the department’s retina service in July 2007 is part of a multifaceted initiative to build on the department’s expertise by developing a center for innovation in retina care.

Having directed more than 25 clinical trials over the past decade, Lim brings significant experience in retinal research to the department. Under her leadership, the retina service already has launched eight new clinical trials involving macular degeneration, diabetic retinopathy and other retinal vascular diseases.

“We are at the leading edge of innovation in developing new treatments for these illnesses,” Lim says. “Our extensive clinical trials are advancing our understanding of retinal disease. We can translate what we learn in the lab directly to patient care, while giving our patients access to the newest drugs and therapies being tested.”

The retina service’s physical space underwent a renovation and expansion in 2008 to support the growth of the faculty and accommodate a patient load that continues to increase as the population ages. Seven new exam rooms were added, and the space was reconfigured to improve patient flow.

Other signs of growth include the purchase of state-of-the-art equipment that enables doctors to employ minimally invasive surgical techniques and the development of a new community

outreach program to educate Chicago-area residents about macular degeneration and other retinal diseases.

“These are all components of a great critical care retina center,” Lim says.

Broad View

The Cornea and Refractive Surgery Service

The department also boasts an accomplished and dynamic cornea and refractive surgery service. “We have six nationally and internationally known cornea specialists on staff who have expertise in every aspect of cornea and external disease—including specialists in dry eye, limbal stem cells, artificial corneas, infectious disease and dystrophies,” observes Elmer Tu, MD, director of the service. “This team is an incredible resource that enables us to treat and research virtually any disease that affects the cornea.”

The service expanded its reach in 2007 with the opening of the state-of-the-art Millennium Park Eye Center on Michigan Avenue in downtown Chicago. In addition to LASIK procedures, the center offers a variety of nonlaser treatments, including conductive keratoplasty, intracorneal ring segments, phakic and refractive intraocular lenses and cataract surgery.

Tu also was involved in a research study that had global impact. In 2006, Charlotte E. Joslin, OD, PhD ’09, assistant professor of ophthalmology in the contact lens service, received a Prevent Blindness America Investigator Award to study a statistically significant rise in the number of Acanthamoeba keratitis cases diagnosed at the Eye and Ear Infirmary. A parasitic eye infection that can cause corneal scarring and blindness, Acan-



Charlotte Joslin, OD, PhD, and Elmer Tu, MD, collaborated on a research study of a parasitic eye infection that can afflict people who wear contact lenses.

thamoeba keratitis can afflict contact lens wearers—especially those who used a particular brand of lens solution, swim in lake water, shower while wearing contact lenses or use tap water to rinse their lenses or lens storage cases.

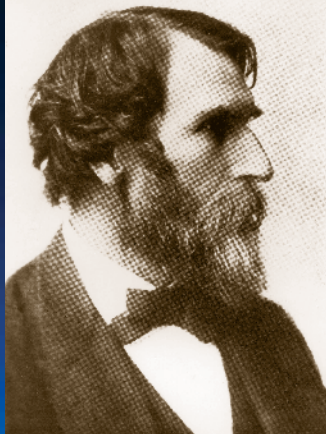


The results of the study, in which Tu was a co-investigator, were shared with the Illinois Department of Public Health and the federal Centers for Disease Control and Prevention, leading to a worldwide recall of certain contact lens care products. The Acanthamoeba researchers also have discovered potential links between the infection and local water distribution and national water treatment standards. If proved, this correlation would have significant implications for the safety of the nation’s water supply.

Fresh Eyes

Research

The Acanthamoeba study is just one of more than 30 research projects under way in the department, with support from more than \$1.5 million in National Institutes of Health grants. The research endeavors focus on age-related macular degeneration, glaucoma, corneal disease, the development of diagnostic instru-

Over the course of the past 150 years, the University of Illinois Eye and Ear Infirmary was reduced to ashes in the Great Chicago Fire, transitioned from a private charity to a public institution, operated in six different locations, held four different names and gained an **international reputation for groundbreaking patient care, education and research.** The following timeline notes some of the milestones in the history of the nation’s oldest, continuously operated eye and ear hospital:

1850	>	1860	>	1870	>	
	<p>1858 Edward Lorenzo Holmes (left), a Harvard-educated MD, recruits a group of physicians and philanthropists to found the Chicago Charitable Eye and Ear Infirmary at 60 N. Clark St.</p>	<p>1861 The infirmary moves to larger quarters at 28 N. Clark St. to accommodate a fivefold increase in patients. The Civil War begins. Holmes appropriates a large attic in a building close to the infirmary to house the overwhelming influx of sick and wounded soldiers.</p> 	<p>1864 The infirmary moves to a location on East Pearson Street.</p>	<p>1867 The Illinois Industrial University, the predecessor of the University of Illinois, is chartered in Champaign-Urbana.</p>	<p>1870 The infirmary’s funding is threatened when the new Illinois Constitution bans appropriations to nonstate institutions.</p>	<p>1871 In response, Illinois legislators designate the infirmary as a state-funded institution and change its name to the Illinois Charitable Eye and Ear Infirmary, which later is shortened to the Illinois Eye and Ear Infirmary.</p>  <p>Much of the city is destroyed in the Great Chicago Fire. The infirmary staff saves every patient, but the Pearson building is reduced to rubble. The infirmary moves to temporary quarters at 137 N. Morgan St.</p>
22	UICMedicine	Fall 2009	Fall 2009	UICMedicine	23	



(Left to right:) Bryan Kim, MD, assistant director, ocular trauma, confers with residents Neema Nayeb-Hashemi, MD, and Shivani Gupta, MD.

ments, improving diagnostics for low-vision patients and reading rehabilitation. Research topics range from the regeneration of damaged retinal cells to the impact of vision loss on quality of life.

The department also has embarked on an ambitious whole-eye transplantation project that involves multidisciplinary research on tissue regeneration, muscular and neural issues and other factors involved in replacing the entire eye. Azar is leading the project, assembling an interdisciplinary team of leading experts in neuroscience, vascular biology, nanotechnology, immunology, biomedical engineering and surgery from across the country.

Enlightened Pupils Education

As the department's researchers seek new knowledge that will enhance the lives of their patients, they also are ensuring that the next generation of clinicians and scientists is equipped with superb ophthalmologic training and encouraged to engage in ongoing scientific inquiry. Since his arrival, Azar has established

new resident education programs, including online publication of grand rounds presentations and a mini-course for residents that is conducted as part of the department's continuing medical education courses.

Today, the ophthalmology residency program is one of the most sought-after in the nation, with more than 600 applicants vying each year for six residency openings. The department has become one of the premier teaching centers for practicing physicians as well, with six new continuing education courses and a full complement of CME courses in every subspecialty. The department's faculty members also teach at the American Academy of Ophthalmology, the American Society of Cataract and Refractive Surgeons and at major ophthalmology conferences around the globe.

Each March for the past two years, the department has hosted the Illinois Eye Review program, which annually draws more than 300 residents, fellows and practicing clinicians. A comprehensive, intensive review of ophthalmology facts and advanced concepts across all ophthalmic subspecialties, this program will continue to foster excellence in the field by combining the knowledge of the department's experienced clinicians and teachers with the expertise of leading ophthalmic educators from around the world.

"As a leader in eye care and research, we have a responsibility to share what we've learned to enable other physicians to provide better care," Azar observes. "The department of ophthalmology and visual sciences as it exists today is the result of more than 150 years of cumulative effort by the clinicians and researchers who came before us, and we are preparing today's physicians to continue our mission into the future."

Sound Foundation Otolaryngology Leadership

The University of Illinois at Chicago department of otolaryngology—head and neck surgery also continues to build on the Eye and Ear Infirmiry's legacy of invention, education and excellent patient care. The department provides a range of services for the treatment of diseases of the ear, nose and throat—including an audiology division for the treatment of hearing problems, a division of speech pathology, and services devoted to the treatment of ear, nose and throat disorders in children.

"As the oldest department of otolaryngology in the country, we have a long history of innovation," reflects J. Regan Thomas, MD, FACS, Francis Lederer Professor and head of otolaryngology—head and neck surgery. "Some of the founding aspects of the specialty came out of the infirmiry as it evolved over the course of the past 150 years—from the popularization of intubation as an alternative to tracheotomy for patients with diphtheria in 1885 to the development of the first successful endoscopic camera in the mid-20th century."

Frequently invited to speak at medical conferences and teach at continuing education seminars around the globe, Thomas has authored more than 120 scientific papers and publications, including three textbooks on facial plastic surgery. His tenure as head of the department since 2001 has coincided with the expansion of the facial plastic surgery center, which opened a satellite location on Michigan Avenue in 2001 and in the western Chicago suburb of Elmhurst.

Thomas leads the center along with Dean M. Toriumi, MD, who both have been included in the physicians resource directory



Thomas Haberkamp, MD, leads the only active auditory brain stem implant program in Chicago.

Best Doctors in America® numerous times. The center specializes in rhinoplasty (cosmetic surgery of the nose)—with an emphasis on correction of noses damaged by previous surgeries—blepharoplasty (cosmetic surgery of the eyelids), facelift and brow lift.

"Dr. Toriumi and I, following in the footsteps of Dr. Gene Tardy [professor emeritus of otolaryngology], have worked hard to insure that we are not only a leading center for facial plastic surgery, but also to provide a premier educational experience in facial plastic surgery for our fellows and residents," Thomas says.

Head Start Auditory Brain Stem Implant and Skull Base Surgery

The department is growing in other areas as well. The arrival of neurotologist Thomas Haberkamp, MD—who came to UIC in January 2008 from the neighboring Rush University Medical Center—paved the way for the only currently active auditory brain stem implant program in the city of Chicago. The



1874

The infirmiry reopens in a fireproof, four-story building at Adams and Peoria streets, where it will remain for 91 years.



1882

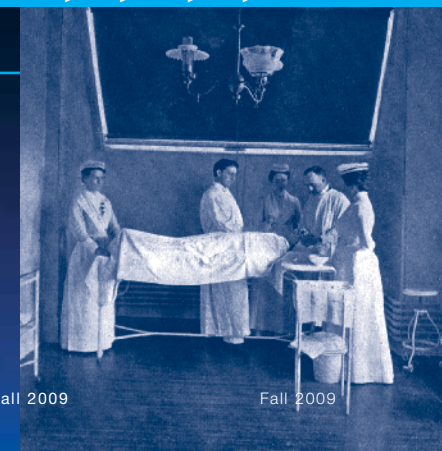
The College of Physicians and Surgeons of Chicago opens; it eventually will become the University of Illinois College of Medicine.

1887

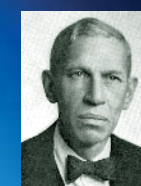
The infirmiry's first resident training program is established.

1897

The College of Physicians and Surgeons affiliates with the University of Illinois College of Medicine.



1933



Ophthalmologist Harry Gradle, MD (left), takes over as director of the infirmiry, begins a major recruitment drive for nationally renowned attending physicians, launches extensive research and education programs and divides ophthalmology and otolaryngology into separate departments.

1939

The infirmiry establishes one of the first glaucoma clinics in the nation.

1941

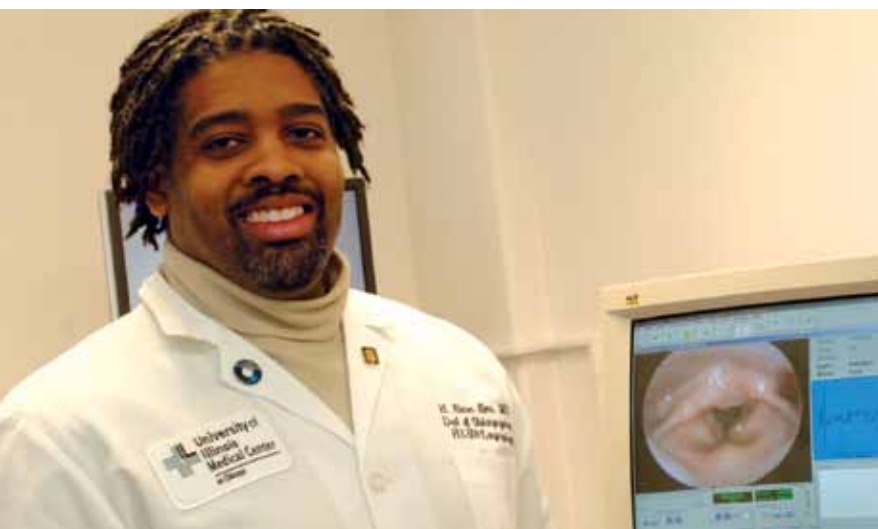
With the onset of World War II, the infirmiry resumes its partnership with Chicago-area VA hospitals to treat sick and injured soldiers. The infirmiry enters into an academic affiliation with the University of Illinois.

1943

The infirmiry officially becomes a part of the University of Illinois. Faculty members now can provide state-of-the-art care for patients while training resident physicians.

1945

The university launches its first full-time postgraduate course in ophthalmology.



H. Steven Sims, MD, treats the voices of everyone from schoolteachers to opera singers.

procedure entails implanting a device that transmits electrical signals directly to the hearing nucleus of the brain stem to restore hearing in patients with agenesis of the auditory nerve or auditory nerves that have been destroyed by tumors or trauma.

“This is a leading-edge surgical treatment for hearing restoration,” says Haberkamp, the director of the department’s otology and neurotology program and one of only about 20 physicians in the U.S. who have received approval to develop an auditory brain stem implant program. “It gives us the most complete implant program in the city, enabling us to perform everything from pediatric cochlear implants to auditory brain stem implants. We are one of the few centers in the world to be this comprehensive.”

Haberkamp also is developing a multidisciplinary skull base surgery team, drawing on practitioners from the disciplines of otolaryngology, neurosurgery, ophthalmology, craniofacial surgery and endocrinology. Because skull base surgery involves complex pathologies located in the most intricate part of the human body, it often crosses disciplinary lines and demands such an integrated approach.

“The department has always done this informally,” Haberkamp says, “but now we are developing a team that will

work together in a more formal, explicit manner. The big benefit here is that there are types of disorders and, in particular, types of tumors. There is a lot of potential here for improved patient outcomes.”

Strong Voices The Chicago Institute for Voice Care

For people who depend on their voice to make a living—such as singers, actors, broadcasters, voice-over artists and teachers—vocal problems brought on by illness or overuse can be a catastrophe. For those people, H. Steven Sims, MD—a UIC board-certified otolaryngologist who subspecializes in professional voice care—is a godsend.

The director of the Chicago Institute for Voice Care, Sims provides treatment for the care of the voice and airway disorders. From vocal fatigue to reflux disease, the institute treats a range of disorders that affect the voice—including paralyzed vocal folds, chronic hoarseness, spasmodic dysphonia and laryngeal papillomas from HPV. A professional baritone singer, Sims brings his knowledge of music and performance to his practice of medicine.

“The institute offers total voice care, from evaluation and diagnosis to surgical management and rehabilitative speech therapy,” Sims says. “I’ve treated everyone from Lyric Opera singers and cast members from *Hairspray* to pastors and aerobics instructors.”

Through the institute, Sims also has dedicated himself to educating voice professionals to help them avoid vocal injury. Each August for the past two years, the institute has hosted

the annual Midwest Voice Conference, where participants have learned how the voice works and preventative techniques for voice preservation. (This year’s conference will be held in October.) “My main mission with this conference is public education and outreach, with the ultimate goal of reducing the incidence or severity of these diseases,” Sims says.

Nosing Around The Nikhil J. Bhatt Surgical Training Center

Even as it pioneers new advances in patient care, the department of otolaryngology–head and neck surgery remains committed to its leadership role in training the physicians of the future. Its superb faculty attract and train an elite pool of four new residents each year from more than 350 applicants to the department’s five-year residency program, while the university and its generous benefactors continue to invest in state-of-the-art teaching tools to prepare them for distinguished careers as leading physicians and researchers.

The Nikhil J. Bhatt Surgical Training Center, dedicated in 2006, represents one of the department’s latest educational innovations. The first and only cadaver lab dedicated to sinus dissection in the Chicago area and one of a limited number nationally, the Bhatt Center offers state-of-the-art facilities for research, teaching and hands-on surgical training. Stephanie Joe, MD, associate professor of otolaryngology, oversees the center.

Made possible by a generous gift from Nikhil Bhatt ’68, MD, Res ’78, an alumnus of the university and a pioneer in endoscopic sinus laser surgery, the Bhatt Center enables residents

to train using cadavers, in addition to the standard practice of observing patient surgeries.

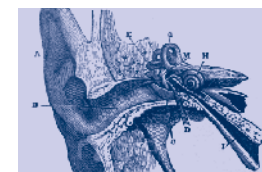
“Sinus surgery has become quite complicated,” Thomas observes. “Learning the anatomy as well as gaining skill in using the instruments is a challenge for every young physician. This lab will allow us to teach them those skills with greater ease. We are proud to be one of the only departments in the country with this type of laboratory facility and anticipate that it will serve as a model for how other similar departments will begin to teach modern techniques in sinus surgery.”

A Common Sense

For both Azar and Thomas, the 150th anniversary of the University of Illinois Eye and Ear Infirmiry was an occasion to appreciate how far medicine has come over the past century and a half, and to look forward with excitement at the transformative advances that the future promises.

“For more than 150 years, our department has led the way in improving the diagnosis, treatment and management of blinding eye diseases,” Azar reflects. “I inherited this extraordinary legacy when I joined UIC. My goal is to ensure that breakthroughs in scientific discovery and the development of new treatments continue unabated.”

“The department of otolaryngology–head and neck surgery is profoundly proud of its prestigious history of innovation and contribution to our specialty,” Thomas says. “That tradition of accomplishment and service guides the department as it continues excellence in patient care, leadership in medical education, and scientific advancement through research.”



Specialty Areas in the Department of Otolaryngology–Head and Neck Surgery

- Torok Vestibular Laboratory for the treatment of dizziness, vertigo and imbalance
- Division of Head and Neck Surgery, specializing in treating cancers of the oral cavity, pharynx, larynx, nose, sinuses and neck
- Chicago Institute for Voice Care
- Sinus and Nasal Allergy Center
- Facial Plastic Surgery Center

1950 > 1960 > 1970 > 1980 > 1990 > 2000 >

1955

With 100,000 out-patient visits annually, the infirmiry is now one of the **largest eye, ear, nose and throat hospitals** in the country.

1962

Ground is broken for the new University of Illinois Eye and Ear Infirmiry at the corner of Taylor and Wolcott streets.

1965

The **new, 124-bed infirmiry** at 1855 W. Taylor St. is dedicated.

1970

The **infirmiry is fully integrated** into the University of Illinois hospital system.

1985

The **Lions of Illinois Eye Research Institute opens** to provide additional research facilities for UIC vision researchers.



Nikhil Bhatt

2006

Nikhil Bhatt Surgical Training Center opens.

Fall 2009

2008

The **UIC Eye and Ear Infirmiry celebrates 150 years of excellence.**



Regan and Rhonda Thomas (left photo) and **Dimitri Azar** with **Joseph Flaherty**, dean of the College of Medicine (right photo), at a gala celebration of the 150th anniversary of the Eye and Ear Infirmiry

UICMedicine



Common Cause

Cancer Center Director Gary Kruh Aims to Unite UIC in Translating Research Into Patient Care

“ I BECAME INTERESTED IN CANCER BECAUSE THE BIOLOGY OF IT IS SO RICH, there are so many questions to be answered and there is so much opportunity for helping patients,” says Gary Kruh, MD, PhD.

The director of the UIC Cancer Center and the interim chief of the section of hematology and oncology at the University of Illinois Medical Center since the fall of 2007, Kruh now is working with researchers from across UIC to help find answers to these questions. In the process, he’s trying to forge the same synthesis of laboratory research and clinical care in the fight against cancer that’s guided his own career for 25 years.

His second-floor office in the Medical Center Administration Building is at the center of Kruh’s effort to unite researchers, educators and clinicians from all six of UIC’s health sciences colleges—Medicine, Applied Health Sciences, Dentistry, Nursing, Pharmacy and the School of Public Health—as well the colleges

of Engineering and Liberal Arts and Sciences.

Kruh came to UIC from Fox Chase Cancer Center in Philadelphia, where he was an attending physician, associate professor in the department of medical oncology and acting head of the pharmacology department. Much of his research has focused on understanding the molecular mechanisms that enable cancer cells to resist chemotherapeutic agents. Understanding these resistance mechanisms may lead to improvements in the use of currently available anti-cancer agents and the development of improved drugs.

As a clinician, Kruh has focused on treatment of lung cancer patients. After earning his PhD in biochemistry and then his MD, both from Baylor College of Medicine, Kruh completed his internship and residency in internal medicine and subspecialty training in medical oncology at Johns Hopkins Hospital. He later carried out postdoctoral training as a medical staff fellow at the National Institutes of Health.

“Having worked at the highly respected Fox Chase Cancer

Center, Gary Kruh understands what it takes to develop and maintain an academic and clinically oriented cancer center,” says Joseph Flaherty, MD, dean of the College of Medicine. “He’s very well-respected, and he knows the scientific community very well. He has the ability to work with people and bring out their strengths.”

Secure in job and reputation, Kruh nonetheless was drawn by the opportunities to head the cancer center. “What I liked about UIC was the significant potential for developing into a more robust cancer enterprise,” Kruh says. “The strength of having all these health-related colleges with strong, well-funded laboratories and cancer control research within one university is considerable.”

Kruh is working to unite the efforts of more than 100 laboratory, clinical science and population science researchers who annually receive \$25 million in cancer-related, peer-reviewed external grant and contract direct funding, including \$15 million from the National Cancer Institute and \$8.4 million from other National Institutes of Health.

“On the clinical side, there is a long tradition of high-quality care and an excellent cancer control program,” Kruh adds. He’s particularly enthusiastic about the medical center’s commitment to bringing care to the underserved, as evidenced by UIC being one of 13 institutions in the U.S. to be designated a Minority-Based Community Clinical Oncology Program by the National Cancer Institute. The grant, competitively renewed in 2007 for five years, demonstrates the medical center’s commitment to recruiting and enrolling underserved and minority patients in high-priority, national cooperative protocols in cancer treatment and cancer control.

Kruh also sees room to grow. In the near term, his focus is on establishing core facilities to support the work of cancer researchers. Another goal is to foster research that has clinical relevance. “I want to put more focus on the discoveries in the laboratory being translated into clinical trials that affect patients, and on clinical trials fueling laboratory studies,” he says. Kruh also plans to develop a network of donors and advocates to support the center.

After reviewing the university’s cancer research grant portfolio and consulting with deans, department heads and individual scientists, Kruh reconfigured the cancer center’s research programs into programs focusing on cancer control and population science, carcinogenesis and chemoprevention, experimental therapeutics and imaging, and tumor cell biology. Program leaders were appointed at the end of 2008. At the start of 2009, the programs began to meet monthly, and a

weekly cancer center seminar that draws on both cancer center members and outside speakers was launched.

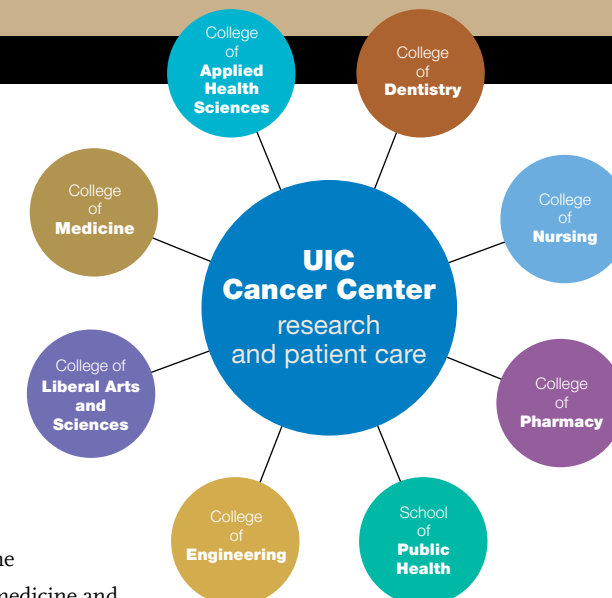
In spring of 2009, Kruh partnered with the departments of medicine and pediatrics to support a new clinic that provides long-term follow-up and management for survivors of childhood cancer who are more than 18 years old and are free of cancer for at least three years. An estimated 10,000 such adult survivors of childhood cancer reside in the Chicagoland area. The clinic is linked to members of the cancer center’s cancer control and population science research program from the colleges of Medicine and Nursing.

While Kruh is working diligently to lay the groundwork for the cancer center, he realizes that its success ultimately will rely on the investigators involved. “You can have an infrastructure, but ultimately it’s dependent upon discoveries by curious cancer researchers,” he says. “The sorts of trials that will be particularly valuable will be the ones that grow out of our own labs.”

Fortunately, his colleagues in other UIC colleges share Kruh’s enthusiasm and his commitment to translational cancer research. At the College of Dentistry, Dean Bruce S. Graham, DDS, has built a team of nine investigators that studies head, neck and oral cancers. “It’s more common than melanoma, and it has not been well-researched or well-addressed,” Graham says. “Dr. Kruh and I have high hopes that this will be a major component of our cancer center.”

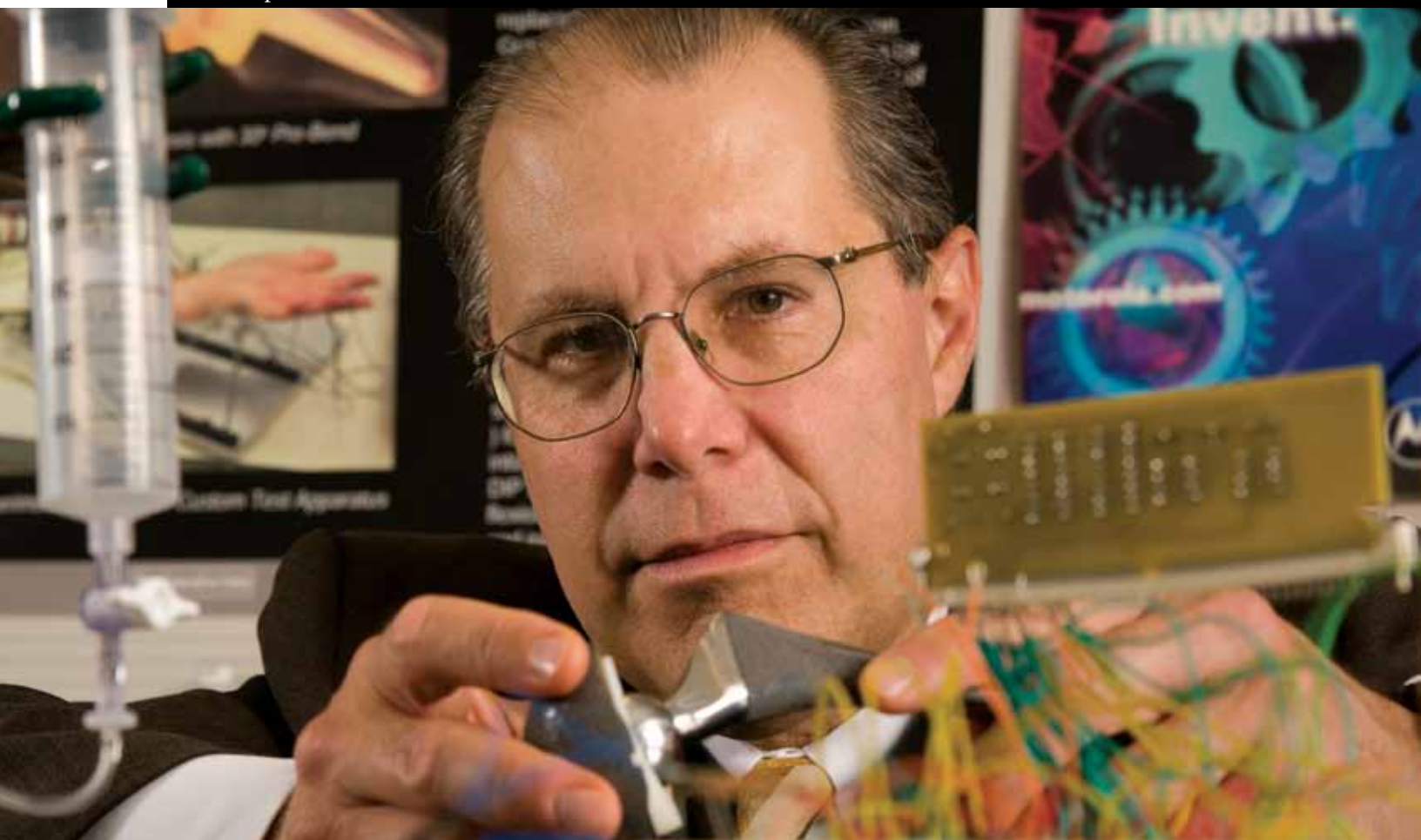
Kruh’s arrival also has stirred enthusiasm on UIC’s east side of campus. “There are many promising new tools and technologies that the College of Engineering can bring to cancer research,” says Richard L. Magin, PhD, head of the department of bioengineering. “The cancer center is going to provide the avenue for our researchers to make great contributions.”

“We’re extremely fortunate to have someone with his scientific credentials and organizational skills,” says Jerry L. Bauman, PharmD, dean of the College of Pharmacy, where cancer research is a major focus. “If anybody can lead this effort, it will be him.”



“The strength of having all these health-related colleges with strong, well-funded laboratories and cancer control research within one university is considerable.”

GARY KRUH, MD, PHD



Engineering Excellence

Every summer, **Mark Gonzalez '76, MD, Res '85, MEng '04**, and **Farid Amirouche, PhD**, hang up their lab coats for a few days and head for the remote streams of Colorado or Wisconsin to go fly fishing together. **The two professors keep talking science while they cast their lines into the water.**

Perhaps it's no surprise that their conversation stays focused on the lab. As the head of the College of Medicine's department of orthopaedic surgery, Gonzalez is focusing on integrating biomechanical engineering with orthopaedics. He believes the next wave of advancement in prosthesis design and integration will come from doctors and engineers working together.

Gonzalez isn't just casting a line in the water in pursuit of this idea; he's wading chest-deep into the river. He keeps an office in the biomechanics lab that Amirouche directs; he has Amirouche lecture his orthopaedics residents; and he is researching a thesis project that will earn him a PhD in mechanical engineering.

That multitasking zeal is typical of Gonzalez, who has initiated changes to most aspects of the department, including research, teaching and facilities, since he became head of orthopaedic surgery in May of 2007.

"I've never seen someone who can do so many things at the same time," says Amirouche, who himself has dual appointments as a professor in the departments of bioengineering and mechanical and industrial engineering at UIC. "The level of energy that he has is unbelievable. It's like he can't see limitations."

Gonzalez's career at the College of Medicine began with his appointment as an assistant professor of clinical orthopaedics

in 1986. In October of last year, he was appointed Riad Barmada Professor of Orthopaedic Surgery, named for a professor emeritus and former head of orthopaedic surgery at UIC.

"Mark Gonzalez is eminently worthy to hold the Barmada chair and to follow Dr. Barmada as department head," says Joseph Flaherty, MD, dean of the College of Medicine. "I'm excited to see the impact that Mark has made with the ideas and energy he's brought to this role. Mark has the enthusiasm and talent of a gifted surgeon; that combined with his engineering background and entrepreneurial spirit will make his department truly extraordinary in the era of translational medicine."

Gonzalez's intensified focus on research within the department reflects not only his interests in biomechanics and nerve regeneration, but also a belief that even future clinicians benefit from time in the lab.

"Once students finish medical school and go out and practice, their ongoing contact with the world of orthopaedic research typically is through journals," says Gonzalez, who continues to perform surgeries in addition to his academic duties. "By participating in research, our residents will be better able to tell which of these studies apply to their patients, and which studies might be poorly constructed."

To provide this preparation, Gonzalez and his team have increased the amount of research required of residents, involving them in one of several ongoing departmental research projects and ensuring that each resident has a good chance of publication. In fact, residents have received credit as the co-authors of several faculty papers published since the beginning of 2008.

The converse idea—that a practitioner's perspective is helpful in the lab—is central to Gonzalez's collaborative efforts with Amirouche. "The next generation of prostheses won't just come from engineers," Amirouche says. "These ideas are going to come from the medical side."

Gonzalez's PhD thesis provides one example of these possibilities. He's developing a mathematical modeling system that uses CT scans to create a three-dimensional computer model of a patient's hip socket. Using this model, surgeons can custom-fit artificial hip components before surgery takes place, so that fewer fitting adjustments are needed during the actual operation. Other research projects in the department include using wireless sensors

to make sure artificial knees are properly fitted by measuring the pressure being applied to the knee and leg.

"This is a field that used to be somewhat subjective," Gonzalez says. "Technology is enabling us to be more quantitative, to do better, more precise and more reproducible surgeries."

Gonzalez also has initiated changes to the residency program, furthering a transition that began in 2002 when Alfonso Mejia, MD, MPH '90, Res '95, became program director for the orthopaedic residency. Speaking from his own experience, Mejia says UIC orthopaedic residents long have been well-rounded, confident decision-makers who excel at developing reasonable, structured operation and post-operation plans.

On the other hand, he recognized that formal classroom education was less-developed, and Mejia added two weekly classroom sessions to the Wednesday resident conferences that dramatically improved the residents' success on the Orthopaedic In-Training Examination, a standardized test for orthopaedic residents. In each of the past four years, UIC residents' scores have placed the school at or above the 90th percentile of residency programs.

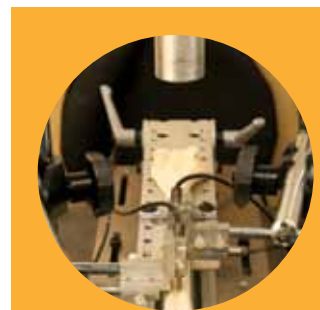
Past graduates of the residency program also are responding to the new energy in the department. Alumni already have given more than \$800,000 for a planned \$3.2 million comprehensive renovation of each of the department's four floors in the college's Medical Science Building, including offices, classrooms and laboratories.

Gonzalez is building on this fundraising success, and he's gratified by the response he's receiving

from the alumni he's met. "People really care about this place, and they're thrilled that we're doing research, advancing and improving didactics," he says.

As an alumnus of the College of Medicine and the residency program himself, Gonzalez shares that passion. His fishing buddy says that Gonzalez exudes the contagious energy of a visionary leader. "He's gotten everyone involved," Amirouche says. "The faculty, the residents, the engineering students, can see that he will do anything to move things forward. He's been such a positive force."

Innovation can't be forced any more than a fish can be compelled to jump at a lure. But just as success in fishing starts with putting a line in the water, orthopaedic researchers and residents at the College of Medicine know they are pursuing breakthroughs with the sense of determination fostered by a leader who thinks anything is possible.



"The next generation of prostheses won't just come from engineers. These ideas are going to come from the medical side."

FARID AMIROUCHE, PHD



Steadying Nerves

Anatomy and Cell Biology Head Scott Brady Leads the Quest to Understand Neurological Disorders

TYPICALLY MICROSCOPIC IN WIDTH but up to a meter in length, axons are the part of nerve cells that carry neurological signals throughout the body, and they've fascinated Scott Brady, PhD, throughout his career. "I wanted to understand how a neuron that large could develop and maintain itself for 75 or 80 years," says Brady, head of the UIC department of anatomy and cell biology. "It leads to the question of what happens when things go wrong."

Brady has made understanding how neurological processes go wrong in diseases such as Alzheimer's, Parkinson's and Huntington's the focus of the department's research agenda. "These diseases are major health issues for which there are effectively no treatments available," observes Brady. "They have an enormous cost on both a personal and a societal level."

Brady is leading this endeavor at a crucial juncture. Because many neurodegenerative diseases are age-related, they are likely to become more prevalent as the Baby Boomers grow older. On the other hand, rapid advancements in molecular science offer the promise of a whole new class of therapies. Since coming to the College of Medicine from the University of Texas Southwestern Medical Center in 2003, Brady has built a multinational team of young researchers to conduct this cutting-edge work, hiring seven of the department's 17 current faculty members. The department presently is conducting more than a dozen major studies, supported by more than \$25 million in funding, including \$21.9 million from the National Institutes of Health.

Brady's own research builds on a discovery he made shortly after completing his PhD at the University of Southern Califor-

nia in 1978. While studying the materials moving through the giant axon of squid during his postdoctoral work at the Marine Biological Laboratory in Woods Hole, Mass., and Case Western Reserve University in Cleveland, he discovered kinesins, a kind of molecular motor involved in axonal transport. Up to nearly one millimeter wide, the giant axon of squid is 1,000 times larger than those in most mammals, making it a frequent model for studies of neurological processes.

Since then, Brady has focused his research on better understanding the structure, regulation and molecular biology of kinesins in the neuron. He currently is exploring the roles of axonal transport and the regulation of molecular motors in Alzheimer's, Parkinson's, Huntington's and other adult-onset neurodegenerative diseases. "These processes are important because many of the neurological diseases once thought to be diseases of cell death are, understood more explicitly, diseases of abnormal axonal transport," Brady reflects. "The thinking goes that if you can restore the transport, you can save the cell and defeat the disease." His work is supported regularly by the NIH, Muscular Dystrophy Association and ALS Association.

He's equally passionate about supporting his young researchers in their own novel explorations. "Scott loves to see people succeed," says Mary Jo LaDu, PhD '91, associate professor of anatomy and cell biology.

Recruited from the ENH Research Institute, the research arm of Northwestern University and Evanston Northwestern Healthcare, LaDu is studying the interactions between the protein apoE4, the primary genetic risk factor for Alzheimer's disease, and Abeta peptide, the only known genetic causative factor for the disease. She's using a variety of techniques to explore how these proteins can be manipulated to treat the disease.

Since the beginning of 2009, LaDu has been directing a five-site, \$11.5 million NIH study centered at UIC examining how apoE4 modulates the function of nerves in the brain.

Brady credits LaDu's work for helping to determine that it is not the accumulation of plaques that triggers Alzheimer's disease, as commonly was thought, but rather a component part of plaques, small soluble oligomers, that wreak havoc upon the human brain.

Other recent recruits reflect Brady's commitment to both diversity and innovative research science. Orly Lazarov, PhD, a native of Israel who had been a research fellow at the University of Chicago prior to joining the department, is studying the molecular mechanisms that are common to both neurogen-

esis—the production of nerve cells—and Alzheimer's disease. Hailing from Buenos Aires by way of UCLA and a gene therapy institute in Milan, Ernesto Bongarzone, PhD, is examining the root causes of neuronal damage in childhood diseases such as leukodystrophies and adult diseases such as multiple sclerosis. Gerardo Morfini, PhD, an Argentinean who came with Brady from University of Texas Southwestern Medical Center, is focusing on how regulatory pathways in the brain are affected by pathogenic proteins associated with Alzheimer's, Parkinson's, amyotrophic lateral sclerosis (Lou Gehrig's disease) and other diseases. (All three researchers are assistant professors in anatomy and cell biology.)

"One advantage of bringing together multiple research groups that share an interest in neurodegenerative diseases is that the whole becomes greater than the sum of its parts," Brady notes. "Each of these recruits to our departmental faculty now has collaborations within the department. The resulting exchange of ideas and approaches creates an opportunity to answer questions that individual laboratories might not undertake."

One example of this interaction is a recent publication in the *Proceedings of the National Academy of Sciences* that included members of the Brady, LaDu and Morfini laboratories among its authors. The study received attention nationally because it provided new insights into how the small oligomeric form of the Abeta peptide damages neurons in Alzheimer's disease patients and identified a promising new set of therapeutic targets.

Brady sees the concentration in neuroscience the department has developed over the six years he's been at its helm as a stepping stone to his ultimate goal: establishing a center for the study of neurodegenerative disease at UIC. "A center would enable us to recruit a critical mass of researchers who share questions and methods," he says. "That kind of collaboration would allow us to make progress in our research more quickly than we can individually, and speed the development of potential treatments for these diseases."



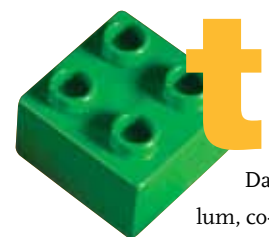
Up to nearly one millimeter wide, the giant axon of squid is 1,000 times larger than those in most mammals, making it a frequent model for studies of neurological processes.



Schooled in Safety

Patient Safety Now Integrated Into Medicine Curriculum

What do Legos, seesaws and robots have in common?



They all are part of the College of Medicine's innovative patient safety curriculum, which has become a model for medical schools across the country and throughout the world.

David Mayer '78, MD '82, Res '04, associate dean of curriculum, co-executive director of the UIC Institute for Patient Safety Excellence and director of cardiothoracic anesthesiology, began to integrate patient safety into classes six years ago in response to the Institute of Medicine's 1999 estimate that as many as 98,000 annual deaths occur due to preventable medical errors.

With the help of a \$500,000 grant from the U.S. Department of Education to develop and implement this curriculum,

patient safety now has become an integral part of core classes and the focus of a growing number of workshops.

Patient safety is taught along with subjects such as ethics, informatics and professionalism in the first- and second-year Essentials in Clinical Medicine course. A dozen required workshops held in the first two years of school teach safety-related topics including teamwork, communication, leadership, stress management and error disclosure.

Teams learn to work together and communicate effectively through games, simulation exercises and role-playing using actors who play patients or caregivers. Students use Lego blocks to build models of healthcare organizational structures, helping them

practice and appreciate effective communication skills.

Another group exercise uses a seesaw to stress the impact group actions have on patient safety. During the exercise, raw eggs representing patients are placed under both ends of a board balanced on a cinder block, which represents a new medical technology. In the role of the patients' clinical team, groups of a dozen students each are charged with safely "implementing" the medical technology by finding a way for eight students to stand together on the board for 10 seconds without tipping the teeter-totter and breaking the eggs. (The other four students on each team act as coaches.)

"It sounds simple, but the exercise stresses the importance of communication, teamwork and planning to the students," Mayer observes. "Above all, it makes them aware of how vulnerable patients are in a medical system and the need to act carefully."

During the 2008-09 academic year, third-year student teams began applying patient safety principles while working with a robotic human simulator mannequin. If the simulator receives the wrong medication, it responds the same way a human would. The exercise is videotaped, results are discussed and improvements are suggested.

"Those are things you really can't teach from books or in traditional classrooms; you've got to practice it," Mayer says.

Another first for the program is an elective two-week intensive patient safety course, in which seniors can get a much deeper understanding of full disclosure, quality improvement, electronic records management and other methods for ensuring and improving patient safety. Students learn that simple changes can make huge differences.

Kristin Donaldson, MD, MPH, was impressed with a procedure implemented in 2005 at the University of Illinois Medical Center that reduced the chance that surgical instruments would be left in patients during surgery. After surgery, the staff started to X-ray patients at high risk for retained objects, such as emergency abdominal and chest surgery patients, even if the sponge and instrument count made after surgery matched the pre-surgery number.

"We're all human, so making sure there are processes in place to address those human errors is important," says Donaldson, who currently is an emergency medicine resident at the University of Illinois Medical Center.

After graduation, newly minted doctors will face signif-

icant challenges working with new regulations and reimbursement penalties designed to ensure patient safety. "The culture change we are experiencing right now is fairly significant," says Viveka Boddipalli '02, MBA '04, MD '09, who has begun his residency in internal medicine at the University of Wisconsin School of Medicine and Public Health. "Starting with this generation of doctors, patient safety will be a central focus of the practice."

Timothy McDonald, MD, JD, associate chief medical officer for safety and risk management, co-executive director of the UIC Institute for Patient Safety Excellence and professor of anesthesiology and pediatrics, already has seen this change taking place among young doctors at the University of Illinois Medical Center. "Residents in our program who came from our medical school are far more likely, when they see an adverse event, to tell the people who need to know about it," he says.

In addition, College of Medicine students are spreading the word on safety as they venture forth after graduation. "It's really exciting to see," Mayer says, "because many of the students who take the course head into residency or professional practice and become leaders in patient safety themselves."

UIC Institute for Patient Safety Excellence is **National Leader** in Patient Safety

IN 2004, DAVID MAYER, MD, AND TIMOTHY MCDONALD, MD, JD, SAW AN OPPORTUNITY for UIC to take a leading role in the patient safety revolution. Innovative research already was being conducted throughout the university in many different colleges, and UIC had the logistical bonus of being one of only a few universities that included six health sciences colleges, as well as the colleges of Architecture and the Arts and Engineering.

Mayer and McDonald drew together the expertise of healthcare providers, ethics experts, medical center administration leadership, patient safety researchers and educators, and deans of curriculum throughout the UIC campus to create the Institute for Patient Safety Excellence. The institute's goal is to improve patient safety through education, research and clinical care, and to create an interdisciplinary culture of patient safety within the university and beyond.

"Through a lot of small wins and small successes, we started building some momentum that's now turned into some larger successes and a growing international recognition of what UIC is doing in patient safety and quality of care," Mayer says.

One of those not-so-small wins is the success of the medical center's internationally recognized Full Disclosure With Rapid Remedy program, a system for physicians acknowledging and apologizing for errors implemented in 2006 that was designed by McDonald; Nikki Centomani, director, risk management; and William Chamberlin, MD '74, chief medical officer. The full disclosure process begins when a healthcare provider reports an adverse event. If harm occurred, there is an immediate investigation to see whether that harm was preventable; if it was, a team is assembled to meet with the patient and family and disclose the error, discuss what is known about the error, apologize for the error, and report what is being done to remedy the situation.

"Its impact on patient care as well as our healthcare providers has been quite moving," Mayer says. "The program has directly led to numerous improvements in patient care that have significantly reduced adverse event outcomes." Thanks to these improvements, the medical center's malpractice insurance costs actually have gone down even as physicians have been more forthcoming about errors.

The institute is working to spread the word about its practices by consulting with other institutions worldwide about the full disclosure program and other patient safety initiatives. Mayer and McDonald also lead the annual Telluride [Co.] Invitational Roundtable on Designing, Implementing and Assessing Health Sciences Patient Safety Curricula, now in its fifth year.



NEW HOPE

in the **Battle** Against Childhood Obesity

Weighing 360 pounds when he was 15 years old, MacGregor Downey never imagined that a year later, he'd be almost half his size—and on *The Oprah Winfrey Show* talking about it.

Yet there he was in October of 2007, a fit and healthy 190 pounds, speaking to an audience of millions about the dramatic 170-pound weight loss he achieved thanks to an experimental treatment he received at the University of Illinois Medical Center.

This past May, Mac—as he is known to family and friends—completed his first year of college, where he participated in and organized intramural football and basketball games. It's a dramatic change for a young man who had been overweight since fourth grade despite many years of diets, fitness camps and weight loss programs. "I have more confidence as a person. It's like being reborn," he says.

When Mac hit 350 pounds, his mother, Jacqueline Downey, consulted Mac's pediatrician, who told her about a study of gastric

banding surgery for teens being conducted at the New Hope Project for Pediatric and Adolescent Weight Management at the University of Illinois Medical Center. Jacqueline enrolled Mac in the study in April of 2006, and for the next year she traveled with him as often as twice a month to Chicago from their home in Columbus, Ohio.

The New Hope Project is one of the only programs nationwide treating teens who are typically more than 100 pounds overweight. In April 2004, it launched the first FDA-approved study to test the safety and efficacy of gastric band surgery on patients between 14 and 17 years of age. Mac is one of 150 kids enrolled in the program, 77 of whom have received gastric band implants so far.

Gastric banding surgically places a belt lined with a saline-

filled tube near the stomach opening. The tube restricts food consumption and slows its passage through the stomach, creating a feeling of fullness. The band can be easily tightened or loosened to regulate weight loss, by adding or removing solution from the band.

"We started the program in 2003, when we began getting requests to do gastric bypass surgery on overweight teens," says Mark Holterman, MD, PhD, associate professor of surgery and co-founder and medical director of New Hope. "We had reservations about using the gastric bypass procedure on teenagers because it permanently reduces the size of the stomach, causes a lifetime of malabsorption and has the potential for serious surgical complications. We thought banding, a 45-minute, minimally invasive surgical procedure, was a much better option, but it wasn't FDA-approved. We're trying to change that."

Since his surgery in October 2006, Mac has maintained his weight around 190 to 200 pounds.

The program has found that about 20 to 30 percent of kids lose weight when solely using traditional weight loss methods focused on diet, exercise and behavior modification. By comparison, 80 percent of children with a gastric band lose an average of one to two pounds a week.

"Banding isn't a magic bullet," Holterman says. "Kids have to change many behaviors, and it takes hard work every day. We always conduct a six-month evaluation before approving the procedure. Kids have to show us they have the discipline and commitment required, plus the right parental support."

Mac had all of these resources, but in the beginning, he didn't like the program. Like many kids, he'd burned out on diets and programs. "Thinking back on it, I had lost hope. I was tired of failing," he says.

During the program's monthly three-hour consultations, Mac spent a half hour with each member of the New Hope team, which included a physical therapist, dietician, social worker, nurse practitioner, psychologist and pediatric surgeon. "Everyone was so understanding and loving," he says. "They became like family."

In gratitude for Mac's care, Jacqueline and Robert Downey, Mac's father, have donated more than \$30,000 to support New Hope. Philanthropy is critical to the program's success.

"We're so grateful for the Downeys' generous support," Holterman says. "We want to show the FDA that banding works, then convince the American Academy of Pediatrics to get behind it. Until we discover better therapies—and we will—the band is the best bet for these kids."

Meanwhile, the need for such treatment is increasing. Mac is one of a growing number of children struggling with obe-

sity, which is considered by many experts to be a public health epidemic, like polio. Defined as 30 pounds over normal weight, obesity will affect almost 20 percent of youth in the U.S. by 2010, according to the U.S. Department of Health and Human Services. The Office of the Surgeon General reports that the number of obese children has tripled since 1988, and a 2007 report in the *New England Journal of Medicine* reported that because of obesity



the average life expectancy in the U.S. has dropped for the first time ever.

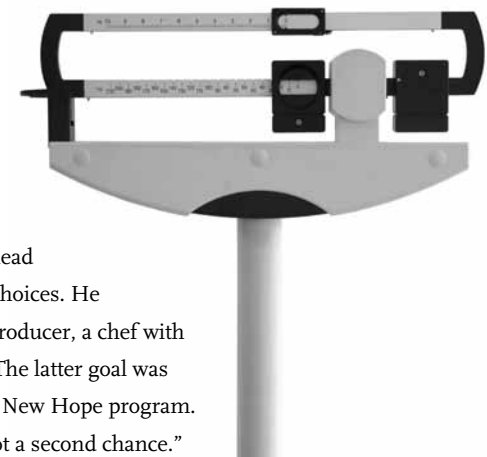
According to Holterman, unless something changes, these obese teens are headed to an early death. "High blood pressure, heart disease, sleep apnea, diabetes, infertility, menstrual disorders, liver disease, bone and joint issues, higher cancer risk, asthma—many of the kids we see suffer from at least four of these illnesses," he says. Many of the New Hope patients show rapid resolution of these obesity-related problems within the first year after band placement even after only modest amounts of weight loss.

Holterman and the New Hope team's research plans include a study looking for the genetic markers for obesity, trying to predict which kids will respond to lap band.

After starting college at Bowling Green State University in Bowling Green, Ohio, Mac will transfer to Johnson and Wales Culinary Institute in Miami this fall. He is excited about learning how to create foods that will lead to people having healthier and tastier choices. He ultimately hopes to become a music producer, a chef with his own restaurant or a psychologist. The latter goal was inspired by the people he's met in the New Hope program.

"I was given a gift," he says. "I got a second chance."

MacGregor Downey (center) with the New Hope team (left to right): Mandy Guide, dietician; Mark Holterman, MD, medical director; Barb Sherrill, medical assistant; Erin Tobin, LCSW, social worker; Bailet Vaughn, customer services representative; and Amy Phipps, nurse practitioner (not pictured: Christiane Stahl, MD, assistant professor of pediatrics; and Larry Turner, PsyD, clinical psychologist)



Above: MacGregor Downey and his mother, Jacqueline Downey

The Gift Report

News and Updates About Charitable Support

From Alumni and Friends of the University of Illinois College of Medicine and the University of Illinois Medical Center

Dear Alumni and Friends,

I am glad to have the opportunity to be a part of the University of Illinois medicine family. I became UIC's chief development officer for medicine at the beginning of July, and from the start one of the things that has impressed me the most about the university's medical endeavors is the depth of support of its alumni, friends, faculty and staff. The dedicated work and focus of the faculty and staff combined with the gifts of time, talent and resources our alumni and friends provide makes for a powerful combination.

Clearly, something special happens within the walls of the College of Medicine. Already I have heard over and over again from alumni about how grateful they are to the college for the opportunity to become physicians. I am proud to know that so many of the college's graduates feel they received an outstanding medical education that allowed them to match skills with any physician from any of the country's top medical schools, and that it provided the foundation for them to excel as professionals.

Knowing that the college provides this kind of opportunity is very meaningful to me personally. I grew up in rural South Carolina, and my upbringing emphasized the small-town values of charity, helping others and making a positive difference in people's lives. These values are what led me to my more than 20-year career as a fundraiser in academic medicine. I want to make an impact by helping raise money to continue the University of Illinois' tradition of offering affordable education, finding new treatments for disease and making healthcare more accessible to everyone.

I know you want to make a similar impact, because philanthropic support has been the bedrock of these efforts. Thanks in large part to our alumni and other generous individual, corporate and foundation donors, the College of Medicine has raised more than \$177 million so far during the Brilliant Futures campaign for the University of Illinois.

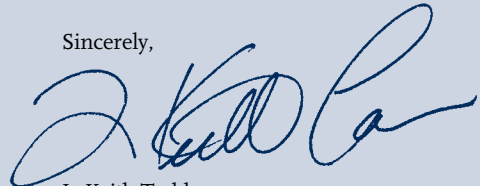
But this campaign is about so much more than the number we achieve—it's about what that number represents. It's about providing support that led to a new protocol in hepatitis C that gives patients a 50 percent greater chance of recovery. It's about the eight endowed professorships that the college and medical center use to support and retain such physician faculty as Mark Gonzalez, head of orthopaedic surgery, who's profiled on page 30. It's about Bob Jones—a student who now will realize his lifelong dream of becoming a physician and returning to southern Illinois to help the community that supported him throughout his life. On the following pages, you'll find stories that offer more examples

of the difference charitable giving makes.

I can't overstate how vital such support is. One of my very top priorities is to strengthen our communications and engagement with our alumni and donors to let you know how the College of Medicine and the medical center are changing the face of healthcare in our community and beyond. The ways we partner with you are saving lives!

I look forward to meeting you as opportunity allows. I hope you won't hesitate to tell me how we are doing in being stewards of your philanthropy, and how we can work together to build an even better and stronger University of Illinois College of Medicine and University of Illinois Medical Center—for the health of us all.

Sincerely,



L. Keith Todd

Chief Development Officer for Medicine

Associate Dean for Advancement

Vice President, University of Illinois Foundation



L. Keith Todd

Washington Square Health Foundation Support Enables UIC Health Initiatives

by Dan Liberty

A free dental clinic for the homeless. Healthcare services for people with mental illnesses. An international research effort to find a functional cure for diabetes.

These varied endeavors have two things in common: The University of Illinois is a major participant in them, and they have received significant financial support from the Washington Square Health Foundation. A nonprofit foundation based in Chicago, Washington Square makes grants to help provide access to adequate healthcare to people of all backgrounds in the greater Chicago area. For nearly two decades, it has looked to UIC to be a partner in its efforts.

"UIC is the best kind of healthcare institution to fund, because it is a major player locally and nationally," says Howard Nochumson '67, MA '68, the foundation's director. "Through UIC, the foundation can directly fund programs that affect the quality of life for vulnerable populations in Chicago neighborhoods and also cutting-edge research that involves both distinguished scientists at UIC and in renowned laboratories around the world."

UIC's ability to make an impact clinically and scientifically, locally and internationally, is the reason Washington Square has provided more than \$1 million in grants to different university programs since 1990. For the past decade, the foundation has helped fund a collaboration between the College of Nursing's Integrated Health Care program and Thresholds, a mental health services agency in Chicago, to provide care for people with mental illness at multiple sites in the city. Last year, it made a grant to Goldie's Place, a support center for homeless people located on Chicago's Far Northwest Side, to help provide equipment for a free dental clinic staffed by volunteer professionals and students from the UIC College of Dentistry.

Numerous College of Medicine initiatives also have received crucial support from the foundation. Washington Square provided the impetus and initial seed funding for the Chicago Diabetes Project, an international research collaboration to find a cure for diabetes that is headquartered in the College of Medicine (see related story on the following page). The foundation has continued to make grants to enhance and expand this effort.

"The foundation feels that bringing researchers together

through the Chicago Diabetes Project greatly increases the likelihood of finding a cure," says Nochumson, who first conceived of the effort and brought the idea to UIC for its researchers to develop.

Other College of Medicine efforts that have received support from Washington Square include an MRI-based measurement of intracranial pressure, a low-vision reading rehabilitation program and a sickle cell clinic. "The college is very fortunate to have a partner in the Washington Square Foundation," says Joseph Flaherty, MD, dean of the college. "I speak for everyone involved in these endeavors when I say we are very grateful to the foundation for its long-standing support."

Nochumson makes a point to note that the breadth and depth of Washington Square's support for UIC would not be possible without the leadership of the foundation's president, Angelo P. Creticos, MD, Res '52. "He always has had an expansive view of healthcare, even before it was fashionable," Nochumson says. "We wouldn't be the funder we are today without his ability to help the nonmedical members of the board understand the connections among medicine, science, public health and social issues."

The ties between the foundation and the college also are partly personal. During the early years of the foundation, which was established in 1985, Nochumson would put on his academic robe and attend the College of Medicine's commencement ceremonies. Nochumson knows the importance of foundation support for university scholarships, research and community service programs.

Alumni kinship alone wouldn't justify the foundation's extensive support, however. "The university has always been a good steward of our funds," Nochumson reports.



Howard Nochumson, MA

Philanthropy

Local Foundations Enable Global Effort

by Steve Hendershot

Given that it enlists researchers from across the globe, the Chicago Diabetes Project may seem misnamed. Yet while the scientific collaboration to find a functional cure for diabetes is international in both its scope and its potential impact, the city of Chicago has earned its billing in the venture's title.

One reason is that the Chicago Diabetes Project is led by José Oberholzer, MD, chief of the division of transplantation and professor of surgery, endocrinology and bioengineering at UIC. Another critical reason is philanthropy: The financial support the Chicago Diabetes Project has received comes largely from private Midwestern foundations.

That support may be quite a legacy for this regional group of small and mid-sized foundations, considering that the Chicago Diabetes Project's researchers believe they might develop a functional cure for diabetes—a disease that afflicts 197 million people worldwide, according to the World Health Organization, and will affect 300 million by 2025 if the epidemic isn't contained.

Making an Impact

"Local, private funding is absolutely instrumental. Without it, our work would be totally unfeasible," Oberholzer says.

For one thing, at first the Chicago Diabetes Project's scope was too broad and its structure too unusual for the initiative to apply for federal funding. In addition, though the project is a worldwide coalition—including researchers in the United States, Canada, Switzerland, France, Israel, Norway and Slovakia—the endeavor initially based its private fundraising efforts in Chicago (the project now is broadening its fundraising to the national level and including outreach in the areas where international researchers are based). That focus frees the researchers in other parts of the world to focus on their work, instead of writing grant proposals.

The initiative received seed funding and subsequent continuing support from the Washington Square Health Foundation in Chicago, whose president, Angelo P. Creticos, MD, and executive director, Howard Nochumson, MA, had suggested the idea for the project to Oberholzer (see related story on the previous page). With introductions to other foundations made by Washington Square and assistance from the UIC Office of Medical Advancement, Oberholzer presented the Chicago Diabetes

Project's plans to a diverse group of area philanthropists.

Oberholzer's message hit home with these donors as well. "It's an amazing opportunity, because the potential impact on the world is enormous," says Pamela Scholl, president of the Dr. Scholl Foundation, which has provided significant grant support for the Chicago Diabetes Project. "Diabetes is reaching a crisis point globally, but Dr. Oberholzer has the brightest minds from around the world attacking this from so many disciplines, and we're very hopeful."

Another donor, the Lake Forest-based Grant Healthcare Foundation, was drawn to the Chicago Diabetes Project because its initial lack of federal funding meant that the foundation's gift would be especially meaningful. The foundation has contributed \$65,000 to date.

"Our dollars mean so much there—we really can make an impact," says Joe Carr, a member of the foundation's board of directors. "Because this research could positively affect the many millions of people that have diabetes, we have a tremendous amount of satisfaction and pride that we're part of it."

A Personal Connection

Carr has a deeply personal understanding of the Chicago Diabetes Project's potential impact on diabetics, because he's one himself. He's not the only donor with an up-close understanding of the disease.

In fact, the Naperville-based Tellabs Foundation, another donor, learned about the Chicago Diabetes Project from a longtime employee who is a diabetic—and one of the project's success stories.

Kim Carlson learned she had diabetes as a high school senior in 1984, 20 years before she discovered the Chicago Diabetes Project. Her illness was always difficult to control, but after her daughter was born 10 years ago, it got worse. Carlson couldn't tell when she was having hypoglycemic episodes and would unexpectedly lose consciousness. She was afraid she would pass out while driving, so she would test her blood sugar before she got behind



Kim Carlson



"Local, private funding is absolutely instrumental."

JOSÉ OBERHOLZER, MD

the wheel, which required pricking a finger each time. She drew her blood at least seven times a day, along with giving herself four daily insulin injections.

In 2005, after meeting with Oberholzer, she received an islet cell transplant at UIC. Transplantation of the insulin-producing cells, which reside in the pancreas, is the basis for the Chicago Diabetes Project's efforts. For Carlson, the effects were dramatic. Within five weeks of the transplant, she was completely insulin-independent. That change meant no more finger pricks and an end to the 26,000 shots she'd taken to control her diabetes. Although Carlson suffered a brief setback in 2008 that necessitated her taking small amounts of insulin, she received another islet transplant at UIC in November of last year that again has freed her from needing injections.

Carlson has worked at Tellabs, Inc. for more than 20 years—nearly her entire diabetic life. She introduced Oberholzer to members of the company's charitable foundation, which includes healthcare as one of its focus areas. Upon hearing Carlson's story and learning about Oberholzer's research, supporting the Chicago Diabetes Project was an easy choice, according to Michael Birck, the foundation's president and chairman of Tellabs' corporate board. The Tellabs Foundation committed \$300,000 to the project.

For Carlson, it was a chance to give back to a cause that had radically improved her life. "I always hoped a cure would come during my lifetime. My diabetes was out of control, and I knew it would get worse," she says. "It's turned out wonderfully, like everything was aligned, that I could help out with funding and return the favor."

Enabling Progress

Achieving a functional cure for all diabetics will require two distinct breakthroughs by Chicago Diabetes Project researchers: first,

developing a means to create islet cells that can be used in transplantation; and second, finding a way to protect the transplanted islet cells from the attacks of the body's immune system.

Chicago Diabetes Project scientists have made recent progress on both fronts. The team successfully has divided insulin-producing islet cells and regrown each part into a whole cell. While the researchers can't generate these cells in large quantities yet, this technique still is a significant advance. Previously, the islets used in transplantation were only available in limited quantities from donor cadavers.

There have been two advances related to helping the body receive transplanted cells. Oberholzer's team, using immunosuppressant drugs, now is able to transplant enough islet cells to take a patient off insulin after only one procedure. (Prior to this advance, patients often needed two or three transplants to become insulin-independent.) In the long term, though, the team hopes to develop a delivery method that doesn't require suppression of the immune system. Chicago Diabetes Project scientists in Perugia, Italy, and Trondheim, Norway, successfully have transplanted islet cells without immunosuppression by encapsulating the cells.

That's welcome news to donors such as Eric Harkna, who chairs the Chicago Diabetes Project's steering committee. He has been volunteering on behalf of diabetes researchers for 33 years—ever since his then-two-year-old daughter was diagnosed with the disease. When he retired from the advertising agency BBDO Worldwide, where he was a senior vice president until 2008, he asked friends and co-workers to donate to the project in lieu of a retirement gift. He raised \$50,000.

"The Chicago Diabetes Project has made enormous, remarkable progress," says Harkna, noting that based on its successes, the project finally is in line for grants from larger entities like the National Institutes of Health and the Juvenile Diabetes Research Foundation, both of which have funded subsidiary projects of the initiative.

"We'd never have gotten to this stage without personal and foundation grants. A lot of Chicago donors have stepped up to the plate," Harkna continues. "This effort has global implications, but its roots are right here in Chicago and at UIC."

For more information, visit www.chicagodiabetesproject.org. To contribute to the Chicago Diabetes Project, please contact Patricia Wager at (312) 413-9763 or pwager@uic.edu.



A Chicago Marathon running team is raising funds for the Chicago Diabetes Project. To support the runners and the project, please visit www.cellmatesontherun.com.

Funds Honor and Extend Legacies of Truman Anderson and Lloyd Nyhus

by Kevin McKeough

The College of Medicine is honoring two storied members of its faculty and further extending their impact by establishing funds in their names.

The **Truman O. Anderson, MD, PhD**, Fund for Excellence in Medicine will support capital improvements at the University of Illinois Medical Center and an award for department of medicine residents and fellows, both with the aim of encouraging the development of physician-researchers that has been a focus of Anderson's long and distinguished career.

Since joining the microbiology faculty as an instructor in 1955, Anderson has held numerous faculty and administrative positions in the College of Medicine, including service as executive dean of the college from 1976 to 1980. His leadership has had a profound effect on the college.

In 1969, Anderson '50, PhD '55, MD '60, Res '61, established the James Scholar Program for Independent Study in the College of Medicine, which he led from 1966 to 1970 and again from 1996 to this day. The program led to the development of the combined MD/PhD programs on both the Chicago and Urbana campuses.

In the 1970s, he was instrumental in developing the college's regional campuses in Urbana-Champaign, Peoria and Rockford. Later, he led

the campaign to prevent the closing of the University of Illinois Hospital, enabling it to evolve into the major medical and research center that it is today. Even in his ostensible retirement, Anderson continues to serve the College of Medicine as special assistant to the dean, acting as a liaison between the dean's office and the three regional campuses.

Consistent with Anderson's personal career, achievements and interests, an emphasis of the fund in his name will be to support the career development of trainees interested in academic medicine. Toward this end, the fund in part will support the renovation of two meeting rooms in the University of Illinois Medical Center to include modern audiovisual and educational equipment, accommodate a greater number of computers, and provide comfortable, appealing space for meetings, rounds, seminars and conferences. The fund also will support an award in Anderson's name to recruit and retain residents who wish to pursue the physician-scientist pathway for their residency and/or fellowship training.

"Over the years, Truman Anderson has provided strong leadership when dealing with difficult issues facing the College of

Medicine and the university. He is a person of impeccable ethics and judgment," says former UIC Chancellor (1991–1995) and former University of Illinois President (1995–2005) James Stukel, MS '63, PhD '68. "It is our hope that this award will foster the same passion for academic excellence that Dr. Anderson has espoused for more than 50 years."

The College of Medicine invites Truman Anderson's past and present colleagues and students to submit written tributes for a publication in his honor. They may be sent to TrumanTribute@uic.edu.

Lloyd Nyhus, who passed away last January at 85 (see obituary on page 57), served for more than 20 years as the Warren H. Cole Professor and head of the department of surgery at the University of Illinois Medical Center. When he joined UIC in 1967, Nyhus followed Cole as the second full-time academic surgeon at the institution. Under Nyhus, the department grew to include 52 full-time faculty members. One of his legacies is a surgical residency program that trained more than 300 graduates during his tenure.

The College of Medicine established an endowed chair to honor Nyhus in 2007. Now the department of surgery is raising funds to establish the annual Lloyd M. Nyhus, MD, Memorial Lecture in Surgery, with the hope of hosting the first lecture this December.

"Dr. Nyhus had an enormous impact on the many surgeons he trained during his years as department head," says Enrico Benedetti, MD, Res '93, Warren H. Cole Chair of Surgery. "It seemed appropriate to honor his memory by establishing a lectureship in his name and continue his legacy of teaching and training surgeons."



Truman Anderson, MD, PhD

For more information about the Truman O. Anderson, MD, PhD, Fund for Excellence in Medicine, please call (312) 996-4470 or e-mail TrumanTribute.com.



Lloyd Nyhus, MD

For more information about the Lloyd M. Nyhus, MD, Memorial Lecture in Surgery, please contact Stephanie Hilbert at (312) 996-8769 or shilbert@uic.edu.

Goldstein Gift Helps Orthopaedics Research Move Forward

by Steve Hendershot

O rthopaedics is all about motion: knees and hips, shoulders, wrists and ankles, swinging, bending, straightening, rotating, gliding. But Wayne Goldstein '74, MD '78, Res '83, didn't expect that the discipline itself would be a moving target.

The field has changed dramatically, though, since Goldstein completed his orthopaedic residency at UIC. Advancements in bone and joint replacements—Goldstein's specialty—have led the way.

"Few people today would be happy with the results of a knee replacement surgery the way we did them 20 years ago," he observes. "Then, the goal was that a patient could walk without pain. Now, knee replacement patients are golfing and playing with their grandchildren."

To help further this progress, Goldstein is making an investment in innovation: He and his wife, Linda, recently made a gift of \$100,000 to UIC to establish an endowment to support biomechanics research in the department of orthopaedic surgery. Their goal is to encourage new research discoveries, to prepare future clinicians for a field that will require on-the-job adaptability as new technologies emerge, and to encourage additional giving by other orthopaedics alumni.

Combining clinical care and scientific inquiry is important to Goldstein, who long has maintained a research interest while running a traditional practice. As founder and president of the Illinois Bone and Joint Institute—a practice of more than 100 physicians with 15 locations in Chicago and the northern suburbs—he has conducted thousands of surgeries and also developed instruments used in innovative procedures, such as a total hip replacement surgery that requires an incision of only four inches.

Goldstein says that the fund he and his wife established reflects his commitment to innovation. "I've always been someone who looks at something that's successful, tries to understand why, and then sees if I can tweak it and make it better than it was.

"Now I'm at a stage in life—the latter third of my career—where I'm thinking about the long term," Goldstein continues. "At some point we'll all pass on, and I want my legacy to stand for promoting creativity, for learning, teaching and launching people into new projects. By establishing an endowment, I can ensure that these kinds of endeavors will go on forever."

The Goldstein fund's aim is broadly defined to encompass research in biomechanics at UIC. Biomechanics includes most of orthopaedics: how tendons, ligaments, muscles and bones respond to forces like motion and gravity. Goldstein, who worked on research projects as a resident, hopes that the fund not only will lead to breakthrough research, but also will provide training opportunities for future clinicians so they can see the value of research and stay engaged with developments in orthopaedics.

"The worst thing you can do in medicine is to stop learning," he says. "If you don't learn, you don't change. Without change, we'd be opening people's knees to remove cartilage instead of doing it in 15-minute outpatient surgery. Because of learning and change, patients have less pain."

The Goldstein fund fits perfectly with the renewed research focus of the orthopaedics department under department head Mark Gonzalez, MD, MEng [see related story on page 30]. Gonzalez says the fund will act as an incubator for research ideas at UIC.

"Funds of this nature give us a head start," Gonzalez says. "They allow us to do basic experimentation and grow our projects to the point where we can apply for larger funding sources such as federal grants. I'm very grateful to Wayne and Linda for giving us the crucial funding to support this kind of first-stage research."

The importance of seed money resonates with Goldstein, particularly in his role as a clinical professor at UIC. "One of the problems with research is that you may have a great idea, but without resources—mechanical equipment, support personnel, or human tissue to test—you can't develop it," Goldstein says.

Goldstein remembers that when he was a medical student and resident, UIC's research on scoliosis and arthroscopy couldn't get the funding needed to achieve national recognition. He's hopeful that his gift will help launch UIC's orthopaedics research into a position of greater national prominence. And why not? It's a field in constant flux—always in motion.



Linda and Wayne Goldstein, MD, at the College of Medicine's 150th Anniversary Gala

Hair Today, Gains Tomorrow—St. Baldrick's Foundation Supports Pediatric Cancer Research

by Lisa Haufschild



Mary Lou Schmidt, MD (left), shortly after her St. Baldrick's head shaving, with patient Alicia Sheridan

When a young cancer patient of Mary Lou Schmidt, MD, dared her to shave her head as part of a fundraiser, she jokingly told him, “Sure, for a million dollars.”

Schmidt, an associate professor of pediatrics and head of the division of pediatric hematology/oncology at UIC, assumed her long locks were safe.

But in the spring of 2008, 44 Chicago-area schools joined together to raise \$1 million for pediatric oncology research as part of a fundraising event called St. Baldrick's. That day, Schmidt had to face the music, literally—an Irish band was playing as Josh, her 10-year-old patient, gleefully watched her hair drop to the floor of the Brother Rice High School gym. Another patient, Regina, 17, did the trimming.

St. Baldrick's is the world's largest volunteer-driven fundraising event in support of childhood cancer research. Volunteers agree to have their heads shaved in solidarity with children made bald by chemotherapy, and solicit contributions for the cause from their personal and professional networks. Since 2000, more than \$66 million has been raised by 100,000 “shavees” in 23 countries.

Since April of last year, the St. Baldrick's Foundation has awarded grants totaling \$450,000 to a research team of 55 faculty members from UIC, Rush University Medical Center and John H. Stroger Jr. Hospital of Cook County. The three institutions—which are located near each other in Chicago's West Side Medical District—are members of the Children's Oncology Group, a

coalition of more than 200 hospitals in the U.S., Canada, Europe and Australia that work collaboratively to conduct pediatric clinical trials.

The foundation also previously made separate grants of \$50,000 each to Rush and UIC. In addition, the St. Baldrick's Foundation recently made a grant of \$100,000 to John O'Bryan, PhD, assistant professor of pharmacology at UIC, in support of his research in the basic biology of neuroblastoma, a cancer of immature nerve cells that is the most common cancer in infants.

“Since 2005, we've distributed funds to some of the most innovative and collaborative researchers in children's cancers,” says Heather Kash, director of corporate relations at the St. Baldrick's Foundation. “The grants to the UIC/Rush/Stroger team have been among our largest grants and will allow more children the best hope of a cure through participation in clinical trials.”

Chicago-area schools became involved in St. Baldrick's at the urging of Fox News Chicago broadcaster Patrick Elwood, who challenged area students to participate. Since 2007, the FOX Schools Challenge has raised more than \$2.25 million and brought in National City Bank, now a part of PNC, as a major sponsor of the St. Baldrick's Foundation.

“I'm immensely grateful to the St. Baldrick's Foundation and its supporters for these grants,” says Schmidt, who leads the collaboration among the three Chicago institutions. “They are helping make it possible for patients with a wide variety of cancers to receive the most sophisticated treatment regimens for their benefit and for the benefit of patients in the future.”

The collaboration among the three hospitals has increased the availability of potentially life-saving trials to patients. “The cure rate for pediatric cancers has gone from 30 percent to 81 percent in 50 years because of these trials, which take the best knowledge about cancer care and work to further improve the patients' chance for cure while minimizing side effects,” Schmidt says. “Kids wouldn't be alive today if hospitals and physicians hadn't begun collaborating in the late 1950s.”

Schmidt proudly has used her bald head as an entrée to talk about St. Baldrick's and pediatric cancer research to anyone who's interested. While she has no plans to shave her head again, thanks to the St. Baldrick's Foundation and its supporters, the research will continue.

Erdős Prize, Endowment Fund Extend Legacy of Breakthrough Research

by Dan Liberty

The advances in medicine that clinicians bring to the patient bedside would not be possible without the bench researchers whose diligent labors pave the way for these advances. Ervin Erdős, MD, professor emeritus in the UIC department of pharmacology, dedicated himself to this kind of scientific inquiry for more than half a century, to the benefit of the countless individuals who have received treatments made possible by his research.

Now two funds in the College of Medicine—one endowed by Erdős and his wife, Sara Rabito Erdős, MD, Res '90, the other named in his honor—will encourage and enable other researchers to pursue scientific inquiries that may lead to further medical breakthroughs.

The Erdöses recently made a gift to the College of Medicine to fund the annual Ervin G. Erdős, MD, and Sara F. Rabito Erdős, MD, Prize for Excellence in Basic Sciences Award. The award will be given annually to a fourth-year medical student who has excelled in research. The department of pharmacology also has established the Ervin G. Erdős, MD, Pharmacology Endowment Fund. Once the fund's \$500,000 goal is achieved, it will support a professorship, named in Erdős' honor, to continue his legacy in research and education.

“Professor Erdős is a giant in the field of pharmacology who deserves to be honored, and the department of pharmacology is honored in turn that he and Dr. Sarah Rabito Erdős have chosen to make it the beneficiary of their generous gift,” says Asrar B. Malik, PhD, distinguished professor and head of the department of pharmacology. “The endowed professorship will extend his legacy of scientific studies that lead to advances in medicine, and the Erdős prize will help the department in encouraging medical students interested in careers as physician-scientists.”

A native of Hungary who survived six months in Sachsenhausen, a Nazi concentration camp for political prisoners, at the end of World War II, Erdős says the gift is a way for him and his wife to express their gratitude for the opportunities they found in the U.S. (Sara Rabito Erdős, a retired anesthesiologist, immigrated to the U.S. from Argentina and completed her anesthesiology

residency at the University of Illinois Medical Center in 1990.)

After the war, Erdős completed his medical studies in Budapest and Munich. He began his career in basic medical research as a postdoctoral fellow at the University of Munich and continued on to the Mellon Institute (now Carnegie Mellon University) and the University of Pittsburgh. After holding positions at the University of Oklahoma and Southwestern Medical Center at the University of Texas, Erdős came to UIC in 1985 as a professor in the department of pharmacology and director of the university's peptide research laboratory.

Erdős' research has resulted in greater understanding of agents that affect cardiovascular function, including the discovery of several enzymes that are important in regulating blood pressure. His research on the angiotensin I converting enzyme (ACE) yielded insights that helped to develop ACE inhibitors, which are used in tens of millions of patients for the treatment of high blood pressure and heart and kidney disease.

Modest about his accomplishment—“I got lucky,” he says—Erdős offers his experience as a lesson for future medical students about the importance of bench research. “Even if you work with test tubes, if your experiments are well done, sooner or later you might be fortunate enough to see your discoveries applied in vivo,” he says.

By encouraging students' interest in basic research, he hopes to help them become better doctors—even if they don't make the lifelong commitment to research that he has. “My hope is that by expanding their horizons, the ones who become clinicians will think more about the causes and the effects of certain biochemical changes and what follows the administration of medicines,” he says, “or that the award will encourage them to stay in basic research and make important contributions to our knowledge that make it possible to treat patients better.”



Ervin Erdős, MD

Philanthropy

Pitesky Endowment Honors Brother's Memory and Achievements

by Lisa Haufschild

When Sheldon Pitesky was growing up during the Depression, his hero was his brother Isadore, 13 years Sheldon's senior, who set an example of educational attainment and personal aspiration. "Isadore was the first person in our family to attend college," recalls Sheldon, a retired schoolteacher in California. "We all were thrilled."

Devoted to his family and driven to succeed, Isadore went on to become a physician who treated the Pitesky brothers' own father and an entrepreneur who took on Sheldon as a business partner. These accomplishments were made possible by Isadore's education at the University of Illinois College of Medicine, from which he



Isadore Pitesky

received his MD in 1948 and a master's in pharmacology in 1951.

In gratitude for these opportunities, Sheldon and his wife, Shirl Lee Pitesky, made a \$100,000 gift to the College of Medicine to establish the Dr. Isadore and Elva Pitesky Pharmacology Research Endowment Fund.

"The department of pharmacology is most grateful to the Piteskys for their generous endowment gift," says Asrar B. Malik, PhD, head of pharmacology. "These funds will provide the department with the resources to remain on the cutting edge of pharmacological and basic medical research. The Pitesky endowment both will foster the development and training of young researchers, and help continue the department's research advances."

Like countless others, the Piteskys struggled and sacrificed to make ends meet during the Depression. Sheldon and Isadore's father set aside his aspirations to be a pharmacist and worked as a house painter to help support his family, which was part of the Russian-Jewish immigrant community in the Albany Park neighborhood on Chicago's Northwest Side. Fortunately, Isadore was a near straight-A student and received an academic scholarship to attend the University of Chicago, graduating with a BS in biochemistry in 1940.

He wanted to go on to medical school, but neither he nor the

family could afford it. Instead, he worked as a research chemist in Peoria, focusing on developing synthetic fuel during the war. He then was drafted into the Army Medical Corps as a medic, an experience that further fed his ambition to become a doctor and finally made it possible after the war.

"Even today I feel enormous gratitude to the government for establishing the GI Bill," Sheldon says. "It allowed Isadore to go to medical school and fulfill his dream."



Elva Hiscock Pitesky

Inspired by a desire to treat his asthmatic father, Isadore decided to become an allergist. When an internship at the Long Beach VA Hospital took Isadore west, the Pitesky family soon followed.

After his residency, Isadore established a successful asthma/allergy practice in California, and saw patients for 50 years. He also founded an innovative medical products company, Creative Scientific, and ran it for many years with Sheldon as vice president of manufacturing. Isadore held about two dozen patents for medical devices, some of which still are in use.

"Isadore was a true Renaissance man, a gifted inventor, chemist, wood and metal worker, photographer and musician," Sheldon says. "At UIC, he played bass in the orchestra and sat in on classes outside his field of study. For his business, he made prototypes of all his inventions in his shop, photographed them himself and made his own brochures."

A bachelor most of his life, Isadore married Elva, née Hiscock, in 1970. She was an instructor at the University of Chicago and University of Illinois—Isadore had been one of her students—head dietician at the Long Beach VA Hospital, and a dietary consultant to VA hospitals nationwide.

After Isadore died in 2005, at age 87, and Elva passed away at 92 in 2007, Sheldon and Shirl Lee wanted to honor their memory. "Making a gift to the College of Medicine and the department of pharmacology just made sense," he explains. "Isadore always spoke glowingly about his days at the University of Illinois medical school. It opened up a whole world for him."

Lectureship Honors Four Fathers' Ophthalmology Legacy

by Kevin McKeough

It's a story to warm any parent's heart:

First the sons and daughter of four ophthalmologists followed in their fathers' footsteps, receiving their education and training at the College of Medicine and the UIC department of ophthalmology. Now they also have endowed a lectureship in their fathers' honor.

The Four Fathers Lecture at the College of Medicine honors Arnold D. Curnyn '57, MD '59, Res '65; the late Harold Q. Kirk, MD, Res '53; John H. Pantan, MD, Res '57; and Karl E. Ticho, MD. The annual lecture on ophthalmology is made possible by gifts from the doctors' children and other family members.

"The department of ophthalmology is proud to see this legacy of education and care handed down from one generation to the next," says Dimitri Azar, MD, head of ophthalmology. "The annual Four Fathers Lecture will continue it further by educating ophthalmologists on the management of the most difficult and complicated ophthalmologic cases. It is a fitting tribute to these accomplished gentlemen, and I am delighted that their children have honored their fathers with their joint gift."

"We wanted to honor our fathers' contributions to their profession and to do something that would emphasize education," says Benjamin Ticho, who spearheaded the initiative. "It's a way of recognizing both our parents and the whole concept of continuity in medicine in general, and of bringing together a bunch of friends who first met when we did our training at UIC."

Ticho notes with pride that the three living fathers all still are practicing ophthalmology, exemplifying the love of the profession they passed on to the next generation. "Having done this work now for nearly two decades ourselves, it makes us appreciate their dedication all the more," he says.

After completing his medical training and serving as a captain in the U.S. Air Force Medical Corps, Arnold Curnyn became a clinical associate professor of ophthalmology at UIC, a position he held until the early 1990s. He performed medical missions to Africa, an experience that inspired Kimberlee Curnyn—a medical student at the time—to pursue ophthalmology as a specialty. He also maintained a private practice, which he continues to this day with Kimberlee.

Harold Q. Kirk, who passed away in 1994 at age 70, received his medical degree from Northwestern University Medical School. After completing his residency, he maintained a private practice



Members of the Curnyn, Kirk, Pantan and Ticho families at the Department of Ophthalmology's 150th anniversary gala.

while serving as an ocular pathologist and clinical associate professor in ophthalmology at UIC. Kirk brought his four children with him as he made clinical rounds on Sunday mornings, an experience they credit for the fact that each of them became ophthalmologists themselves.

A native of Greece, John H. Pantan received his MD from the National University of Athens Medical School in 1951, then came to Chicago for his internship and residency training. He subsequently opened a private practice, which he maintains to this day, joined by his sons, Robert and Peter, and his daughter, Elizabeth Pantan Karkazis '86, OD.

Karl Ticho fled his native Czechoslovakia to escape the Holocaust, which took the lives of his parents and siblings, returning at the end of the war only to flee again, this time from communist rule. He received a medical degree from the University of Innsbruck in 1952, then immigrated to Chicago for his subsequent training. He established a successful private practice on the city's Southwest Side, which he continues in his 90s with Benjamin Ticho. In all, four of Ticho's five children became physicians. He also served on the volunteer staff at the Illinois Eye and Ear Infirmary for four decades, attending grand rounds and participating in the training of hundreds of residents.

"We know that all our fathers were just one piece of the history in ophthalmology at UIC," Kimberlee Curnyn reflects, "but it shows how one person can have an impact that can last generations, whether it's teaching residents that may set examples for other residents for generations, or just setting an example for their own children."



Donors to the Four Fathers Lecture include the following members of the honorees' families:

Kimberlee M. Curnyn, MD '89, Fellow '95

Harold Kirk's widow, Elaine Kirk, and their children, Kent Kirk '77, MD, Scott H. Kirk '75, MD '78, and Ann Kirk Williams '79, MD, and her husband, Doug Williams '79, MD

Peter J. Pantan, MD, Res '86, and Robert W. Pantan, MD, Res '90

Benjamin H. Ticho, MD, Res '91, and Simon Ticho, MD '93, PhD '93

Attention Must Be Paid

by Terri Yablonsky Stat

The world of medicine has changed greatly since Howard N. Allen '58, MD '60, first became a physician, but he still holds fast to the time-honored, albeit time-consuming, virtues of personalized attention to patients and careful consideration of each one's condition.

His approach is rooted in compassion gained from personal experience, which has guided his successful career in both academic medicine and private practice.

For Allen, a cardiologist with the Cardiovascular Medical Group of Southern California in Beverly Hills, spending two hours with a new patient is standard procedure. That's how long it takes him to question, examine, review his findings and counsel a patient, as well as to truly get to know a patient. "I ask all the questions as I did when I was a medical student," he says. "I obtain a detailed, face-to-face history."

Allen also has dedicated himself to instilling his thoroughness in future physicians. He's program director for Cardiology Grand Rounds at Cedars-Sinai Medical Center in Los Angeles and a clinical professor of medicine at the David Geffen School of Medicine at the University of California, Los Angeles.

Allen credits his patient evaluation approach to the late Edmund F. Foley, MD, professor of medicine. "He was a very astute clinician," Allen remembers. "He practiced medicine the way I still try to practice, which is to extract as much information as possible at the bedside and to have a reasonable idea of the patient's condition based on information gained from the clinical examination.

A career in medicine was a natural fit for Allen. He was only eight and a half

years old when his mother died of uterine cancer, and he grew up with an older sister who was afflicted with polio. These early experiences taught him the value of compassion. "I approach each patient as if they were a family member or myself and treat them as such," he says.

A graduate of Farragut High School (now Farragut Career Academy) on Chicago's West Side—where he was a top student-athlete, including being class valedictorian, managing editor of the school newspaper, lettering in basketball and football and being voted "the most outstanding senior"—Allen completed his premed studies at the University of Illinois' Navy Pier campus. He was cited as one of the 43 most outstanding students during the campus' first 10 years at its Tenth Anniversary Convocation in 1956. The proud Chicago native then enrolled at the College of Medicine, where he was elected to Alpha Omega Alpha Honor Society.

Allen has fond memories of these days. A recipient of a National Scientific Foundation grant, he worked one summer in the laboratory of the late famed pharmacologist Harris Busch '45, MD '46, PhD, at the time a professor in the department of pharmacology. The laboratory was involved in studying the metabolism of tumor cells in rodents and the effect of various drugs, part of Busch's lifetime work elucidating the biochemical structure of cancer cells.

"It was a very close-knit group," Allen says. "Every Saturday morning, we'd meet in the lab to present our data. We'd finish by noon, and I would often go to Oak Street Beach afterwards. Dr. Busch used to drop me off there on his way back home to Evanston."

Allen has maintained strong ties with the University of Illinois. In fact, around Cedars-Sinai he's known as "Mr. Illinois," because of his strong support of the university and its athletic teams. He regularly attends Illini games when their teams are competing in Los Angeles, dressed in orange and blue, and has made many trips back to Chicago to visit the College of Medicine. The University of Illinois Alumni Association has honored Allen twice for his dedication to his alma mater, choosing him to receive the UIAA Loyalty Award in 1996 and the Lou Liay Spirit Award in 2005.

"I received seven years of quality education with a very nominal tuition, so I feel obligated to pay back the university as best I can to make it possible for other qualified students to have the same opportunities I had," Allen says of his devotion to the university.

Allen completed his internship at the Los Angeles County General Hospital and his residency in internal medicine at the Los Angeles Veterans Administration Medical Center. During his residency, Allen rotated through the various internal



Howard N. Allen, MD

medicine subspecialties before realizing that he found cardiology most rewarding.

Because of his mother's death from cancer, his original intentions were to specialize in hematology/oncology. However, at the time, "there was only a limited amount you could offer patients with cancer, usually only palliative care," he reflects, "and I thus felt frustrated in caring for such patients. On the other hand, many new advances were being introduced into cardiology that resulted in improved quality of life as well as increased longevity. I felt that cardiology gave me more tools to help patients."

Allen embraced the emerging possibilities of his chosen specialty wholeheartedly, completing cardiology fellowships at Cedars-Sinai Medical Center with H.J.C. Swan, MD, PhD, and at St. George's Hospital in London, England, with Aubrey Leatham, MB. He feels that the patient ap-

proach that he was exposed to during his St. George's Hospital fellowship training left him head and shoulders above most of his peers in his ability to assess a patient at the bedside.

After completing his fellowship training, he joined Cedars-Sinai Medical Center as the director of the Cardiac Care Unit, the first such unit on the West Coast. He also established and served as the director of the Pacemaker Evaluation Center, the first facility of its kind in the greater Los Angeles area, and director of the Cardiac Noninvasive Laboratory, also the first such unit in the greater Los Angeles area.

"What I liked best is that I would see the most complex diagnostic or management problems," he reflects of this time. "I also enjoyed teaching, especially when you have a receptive audience."

Allen has been involved in the training of hundreds of medical students,

"I received seven years of quality education with a very nominal tuition, so I feel obligated to pay back the university as best I can."

HOWARD N. ALLEN '58, MD '60

interns, residents and cardiology fellows. In addition to the training of fellows in the Cardiac Noninvasive Laboratory and making patient rounds with interns, residents and cardiology fellows, he also made rounds with fourth-year medical students every Friday morning for 25 years. He would try to impress on both the students and house staff that with a careful history and appropriate physical examination, a doctor could have a pretty good idea of the patient's diagnosis and predict the laboratory findings.

While Allen relished the cutting-edge aspect of academic medicine, eventually he realized that he most enjoyed taking care of patients. In 1988, he transitioned to a half-time position at Cedars-Sinai and half-time in private practice. In 1996, he committed to full-time private practice.

As a cardiologist in Beverly Hills, he's no stranger to high-profile patients. "Most of them are very decent, down-to-earth people," he says. "A few are prima donnas who expect special treatment. Some might be upset if my secretary doesn't return their call as fast as they would like. Once they can appreciate my level of conscientiousness, compassion and competence, they generally calm down."

Undoubtedly, thousands of patients, both famed and anonymous, have been calmed, comforted and healed thanks to Allen's devoted approach to patient care.

ClassNotes

News and Updates From Alumni of the College of Medicine and the University of Illinois Medical Center

1944

Arthur E. Rikli '44, MD, of Columbia, Mo., is retired, having held a variety of posts in the public health arena. Among other positions, he was director of the Montana Tuberculosis Central Division and director of the National Heart Program in Washington, D.C. Later, he was a medical professor at the University of Missouri and coordinator of the Missouri Regional Medical Program. A fountain in Columbia is named after Rikli, a supporter of the arts.



Melvin Schwartz, MD

1947

Melvin Schwartz, MD, of Los Angeles, is a retired psychoanalyst. He served in several positions with the Southern California Psychoanalytical Institute for more than 40 years. He also worked for the state of California as a psychiatric medical consultant. Prior to moving to Los Angeles, Schwartz practiced in Chicago for five years.

1955

Joe Lassman '51, '53, MD, and his wife, **Adrienne Lass-**

man '54, visited the College of Medicine in 2008, where they met with Class of 1955 Memorial Scholarship Recipient **Dan Novella '05, MD '09**, and **Jennifer Shroff '04, MD '08**, a recipient of the Adrienne and Joe Lassman, MD '55, Scholarship.

1956

Elio J. Fornatto, MD, Res '56, attended the department of otolaryngology's gala celebration of the 150th anniversary of the Eye and Ear Infirmary with his wife of 48 years, Mary Elizabeth. Retired from the Elmhurst Clinic, where he maintained a thriving practice for 43 years, Fornatto and his wife, a registered nurse, have traveled to Jamaica with their daughter and son-in-law, both dentists, to help in dental clinics there.

Nicholas A. Kefalides '54, MD, MS '56, Res '63, Fellow '65, PhD '65, of Merion Station, Penn., is scientific mentor and consultant for the University City Science Center in Philadelphia. In 1977, he established the center's Connective Tissue Research Institute. Kefalides also serves as a professor of medicine, biophysics

and biochemistry at the University of Pennsylvania.

Robert J. McFerran '55, MD, of Valley Center, Calif., has a family practice and teaches at the School of Medicine at the University of California-San Diego.

Donald F. Schaller '47, '54, MD, of Scottsdale, Ariz., is co-founder of Schaller Anderson Inc., a Phoenix-based healthcare management and consulting company. After serving as an Arizona-based family practice physician from 1958 to 1972, Schaller co-founded the Arizona Health Plan (now known as CIGNA Health Care of Arizona), one of the state's first managed care plans. Before retiring in 1998, he also helped establish the National Committee for Quality Assurance and the Good Samaritan Hospital Family Practice Residency Program.

1961

Charles R. Daisy '59, MD, of Naples, Fla., was honored as a lifetime member of the Greenville Regional Hospital Board of Directors. A former family practitioner in Greenville, Daisy was cited for his



Charles R. Daisy, MD

service and leadership to the board from 1976 to 2002. He now resides in Naples, Fla., with his wife, Donna, and their dog, Abby.

1962

William J. Dawson, MD, of Glenview, has published *Fit as a Fiddle: The Musician's Guide to Playing Healthy*. Dawson is a retired hand surgeon, president of the Performing Arts Medicine Association and associate professor emeritus of orthopaedic surgery at Northwestern University's Feinberg School of Medicine. A symphonic bassoonist, he serves as a private instrumental teacher and medical consultant for the International Double Reed Society and Association of Concert Bands.

John R. Shepherd, MD, of Las Vegas, was an honored

guest at the Opening General Session of the 2008 Annual Symposium and Congress of the American Society of Cataract and Refractive Surgery. Considered a leader in the development of phacoemulsification surgical techniques, he was an early proponent of small-incision cataract surgery. Along with maintaining a private practice, he served as clinical professor at the University of Utah and was a founding member of ASCRS. He retired in 2007.

1963

Daniel Gutierrez, MD, of Manhattan, was awarded an honorary degree from Lewis University in 2007. An internal medicine doctor, Gutierrez currently serves as chairman of the Silver Cross Hospital Board of Directors in Joliet.

1964

Virgil D. Short, MD, of Bloomington, retired in 2006 after serving as an internist in Bloomington-Normal for 35 years.

1967

Alan McCall, MD, of Glenview, has practiced as an orthopaedic surgeon in the Chicago area for more than 30 years. He is currently semiretired and enjoys golfing in his free time.



Left to right: Dan Novella, MD, Adrienne Lassman, Joe Lassman, MD, and Jennifer Shroff, MD

Frederick R. Rickles, MD, of Washington, D.C., is chief scientific officer of Orthera Pharmaceuticals, which specializes in products for ophthalmology, oncology and inflammatory disease. He also is a clinical professor of medicine for the George Washington School of Medicine. Rickles formerly served as a Fellow for Noblis, a nonprofit healthcare organization, and as executive director of the Federation of American Societies for Experimental Biology, a coalition of life-science research organizations.

The Chicago Dermatological Society has named **Carl W. Soderstrom, MD**, Practitioner of the Year for 2009. He is the founder of the Soderstrom Skin Institute, which serves 75,000 patients a year at six locations in central Illinois and eastern Iowa. Soderstrom established a free skin cancer screening clinic, which has provided screenings for more than 15,000 patients, and helped organize the Central Illinois Lupus Society, which now includes more than 1,000 members. Soderstrom is assistant clinical professor of dermatology at the College of Medicine at Peoria and is on staff at OSF St. Francis Medical Center and Methodist Medical Center.

1968

Ronald L. Ariagno, MD, is currently senior associate chief for academic affairs, division of neonatal and developmental medicine at the Stanford University School of Medicine. He is faculty attending neonatologist at Lucile Packard Children's Hospital at Stanford. Ariagno has traveled to India, Kenya and Tanzania to study the relationship between academic centers and community care

of mothers and infants.

Kenneth C. Lindahl, MD, Res '69, of Sugar Grove, retired in July 2007 after serving 35 years in internal medicine at Dreyer Medical Clinic in Aurora.

Morton C. Morris, MD, of Delavan, has retired from his private medical practice there after 21 years of service. A former high school chemistry, science and algebra teacher, he initiated EMT classes at Delavan High School and established Delavan's first ambulance service. From 1982 to 1986, he served as a medical missionary in a clinic in Zambia, Africa.

1970

Jim Beier, MD, recently retired as medical director of Wisconsin Physicians Service Insurance Corporation. Prior to his years with WPS, he was in family practice with the Marshfield Clinic in Mosinee, Wis. Beier and his wife, Judy, live in Mosinee on the shore of the Wisconsin River. He welcomes e-mail from his classmates and can be reached at jandjbeier@yahoo.com.



Jim Beier, MD

Michael R. Bristow '66, MD, PhD '71, has been chosen to receive the University of Illinois Alumni Achievement Award. The head of cardiology and co-director of the Cardiovascular Institute, University of Colorado, Bristow is a researcher and cardiologist whose groundbreaking research into cardiac failure at

the cellular and molecular levels has yielded important new therapeutics. Bristow and the other UIAA award recipients will be honored at the Alumni Five Awards Dinner on Oct. 23 on the UIC campus.

1971

Ralph R. Weichselbaum, MD, of Chicago, serves as Daniel K. Ludwig Professor of Radiation Oncology and chairman of the department of radiation and cellular oncology at the University of Chicago Pritzker School of Medicine. He is also head of the University of Chicago Center for Radiation Therapy and director of the Chicago Tumor Institute. Weichselbaum's research interests include radiotherapy, ionizing radiation, and head and neck cancer treatments. He is a member of the Medical Advisory Board for TransMolecular, a privately held biotechnology company.

1972

Mayer Eisenstein '67, MD, MPH, JD, of Chicago, has published a book, *Don't Vaccinate Before You Educate*, which posits there is no convincing scientific evidence that mass inoculations can be credited with eliminating any childhood disease. He is a graduate of the Medical College of Wisconsin School of Public Health and John Marshall Law School in Chicago. In his 33 years in medicine, he and his practice have treated more than 75,000 adults and children.

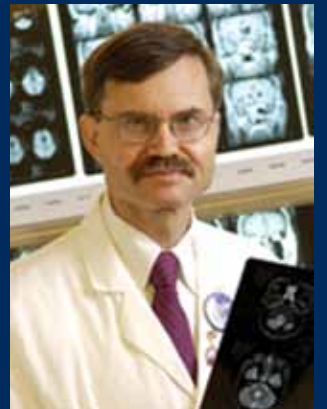
1973

Ruth E. Medak, MD, of Portland, Ore., is associate medical director of Acumenetra Health, a Portland-based nonprofit healthcare organization. She previously served as senior clinical coordinator of healthcare quality improve-

Alumnus Performed Sen. Kennedy's Brain Surgery

by Patrick Kampert

When U.S. Sen. Edward Kennedy, D-Mass., was diagnosed last year with brain cancer to which he succumbed in late August, he decided against radiation and chemotherapy treatments. Instead, Kennedy chose to undergo a delicate, difficult surgery at the hands of Duke University neurosurgeon **Allan Friedman, MD '74**.



Allan Friedman, MD '74

Friedman says the senator received the same care as all of his patients: "We don't have an 'A' game and a 'B' game. The treatment of the patient is not very different at all."

After the surgery, Friedman remained in contact with Kennedy and was kept apprised of the senator's continuing therapy in Boston.

Malignant glioma, Kennedy's diagnosis, generally is not considered curable. Most treatments serve to prolong life. Sen. Kennedy lived for more than a year after his June 2, 2008, operation. Unfortunately, such surgeries are routine for Friedman. "I have two scheduled tomorrow," he says.

Still, he is excited about advances being made in his specialty. "There is a combination of better technology and newer drugs," he observes. "We're benefiting from molecular biology.

"We're no longer throwing poisons at tumors. Instead, we're targeting pathways. We are poised to make major changes in five to 10 years."

Friedman says his career received a huge boost from being part of the James Scholar Program at UIC, which gives students more freedom and options in planning their studies.

"I thought the education I had at UIC was just outstanding. It certainly gave me a great start in medicine," he remembers. "The clinical experience was good, and the physicians were so accessible to the medical students. That was terrific."

ment for AH. Medak also has served as an AH physician reviewer and board of trustees member and chair. She was a practicing physician for more than 20 years.

1974

Myron B. Stachniw '69, MD, Res '74, MS '78, is an orthopedic surgeon at Midwest Orthopedic Services in Galesburg, where he has practiced medicine for 30 years. Stachniw also has helped design instruments and components for performing joint replacements.

1975

Cyril M. Chrabot, MD, Res '80, of Oak Brook, is a board-



Cyril M. Chrabot, MD

certified colon-rectal surgeon in private practice with offices in Chicago and Streamwood. He credits the late Olga Jonasson '56, MD '58, professor of surgery, as an outstanding inspiration for his career in surgery. He and his wife, Joan Chrabot '80, enjoy foreign films and attend showings of the After Hours Film Society in the western suburbs.

Nancy Hamming, MD, Res '79, Fellow '83, is in a group practice with locations in Gurnee and Lake Forest. In addition, she is assistant professor and section head of pediatric ophthalmology at Rush University and serves on the board of directors of the American Board of Ophthalmology. She is married to **Edward G. Hamming, MD '76**, an orthopaedic surgeon. She can be reached by e-mail at nancyhamming@gmail.com.

Lee Jampol, MD, Fellow '75, has been the head of ophthalmology at Northwestern University in Chicago since 1983. He married Erma Tranter in 1999 and has two children and three grandchildren. When not working, he enjoys training and participating in triathlons and playing bluegrass banjo. He can be reached at l-jampol@northwestern.edu.

1976

James T. Frakes '68, MS '72, MD, of Rockford, received the Distinguished Service Award from the American Society for Gastrointestinal Endoscopy at the organization's annual Crystal Awards Dinner in 2007. Frakes, of Rockford Gastroenterology Associates Ltd., also is a clinical professor of medicine at the College of Medicine at Rockford.

1977

Stewart Gifford, MD, Res '78, is in private surgical practice in Green Bay, Wis. He has great memories of the classes and lectures of C. Thomas Bombeck, MD, Res '70; Lloyd Nyhus, MD; and Rolf Winn, MD, and of his fellow surgical colleagues during his residency in the Metro program. He can be reached at dtsigiff@aol.com.

Thomas H. Grimstad, MD, Res '77, of Marrero, La., was

appointed president and chief executive officer of the Louisiana Medical Mutual Insurance Co. in January 2008. He has more than 30 years of experience in the medical industry. Most recently, Grimstad served as senior vice president of underwriting at LAMMICO. At UIC, he completed an internship, a residency in internal medicine and a fellowship in pulmonary disease.

James A. Hasbargen, MS '75, MD, of Valparaiso, Ind., is commanding general, AR-MEDCOM, the highest rank achievable in the U.S. Army Reserves. He served on active duty for more than 15 years, assigned to positions such as chief of nephrology, chief of medicine, chief of professional services and commander. Hasbargen has received the Legion of Merit, Meritorious Service Medal, Army Commendation Medal, Army Achievement Medal, National Defense Service Medal and several other military awards. He completed his residency in internal medicine and a fellowship at Walter Reed Army Medical Center in Washington, D.C.

1978

Richard K. Baer '74, MD, Res '82, of Chicago, is a Chicago psychotherapist and author of *Switching Time* (Crown Publishing, 2007), his account of treating a female patient with 17 different personalities. *Chicago* magazine profiled Baer in 2007.

Bernard A. Binder, MD, Res '80, of Aurora, retired as a surgeon in September 2007. After completing his residency at Cook County Hospital in 1983, he worked for Columbia Park Medical Group in Fridley, Minn., for six years. Binder also practiced at Dreyer Medical Clinic in Aurora for 18 years.

Wayne M. Goldstein '74, MD, Res '83, of Highland Park, is founder and president of the Illinois Bone and Joint Institute in Morton Grove. A member of the American Orthopaedic Association, he also serves as clinical professor of orthopaedics at UIC. Goldstein is the recipient of the Annual Writer's Award from the Association of Preoperative Nurses and Scientific First Place Award of Excellence from the American Academy of Orthopaedic Surgeons.

Raymond V. Janevicius '74, MD, Res '79, of Oak Brook, is a coding editor and member of the editorial board for the journal *Plastic and Reconstructive Surgery*. He maintains a private practice as a plastic and reconstructive surgeon in Elmhurst. Janevicius is a member of the American Medical Association's Current Procedural Terminology Advisory Committee.

Anita A. Stewart, MD, Res '80, MPH '97, of Chicago, is medical director of the Children's Rehabilitation Center, a Harvey-based pediatric care facility. In this role, she provides clinical leadership, support and development of new initiatives. Stewart served as a resident physician and treated CRC patients for five years.

Gregg D. Stoner '74, MD, is the recipient of the College of Medicine at Peoria's 2009 Distinguished Alumni Award. A recognized leader in the Peoria medical community, Stoner is medical director of Peoria's Heartland Community Health Clinic, which provides accessible and comprehensive primary healthcare services for more than 20,000 underserved patients in central Illinois. He also has been a faculty member in the College of Medicine at Peoria's depart-

ment of family and community medicine since 1982. Stoner has established yearlong fellowship programs in geriatric medicine and comprehensive women's healthcare and a practice-based research network within the department.

1979

Frank E. Witter, MD, of Pensacola, Fla., practices internal medicine at West Florida Internal Medicine and West Florida Hospital. He completed a three-year internal medicine residency from the Pensacola Educational Program. Witter served as chief medical officer of the Pensacola VA Outpatient Clinic for 12 years.

1980

James C. Liang, MD, Res '80, a former chief resident and assistant professor at the Eye and Ear Infirmary, is now in private practice in Oak Lawn. His specialties are retina and vitreous surgery.

Robert D. Rondinelli, AM '74, PhD '77, MD, of Urbandale, Iowa, is medical director of Rehabilitation Services at Iowa Health in Des Moines. He specializes in rehabilitating patients after strokes, spinal cord injuries or amputation and has a background in disability services. He is editor of the American Medical Association's *Guides to the Evaluation of Permanent Impairment, Sixth Edition*.

Samuel Saks '76, MD, of Burlingame, Calif., is founder and CEO of Jazz Pharmaceuticals, a Palo Alto, Calif.-based pharmaceutical company.

He is a board member of Cougar Biotechnology, a Los Angeles-based biotechnology company, and of Illypsa Inc., a pharmaceutical company. He has more than 35 years experience in clinical and academic settings. Saks previously served

as a member of the Johnson & Johnson Pharmaceutical Operating Committee at ALZA Corp.

1981

Michelle Grant Ervin, MD, MHPE '95, of Washington, D.C., is medical director of VITAS Innovative Hospice Care of Greater Washington, a provider of end-of-life care. She oversees all aspects of patient care, including direct patient care and visiting and caring for patients in their homes. From 1993 to 2003, she served as chair and residency director of emergency medicine at Howard University.

1982

Carolyn J. Hildreth, MD, of Chicago, is the Fishbein Fellow at the *Journal of the American Medical Association*. As part of this fellowship, she will serve as a JAMA editor for one year. Hildreth authored a book review that was published in JAMA's May 2008 issue.

Daniel P. Kelly '78, MD, of Orlando, Fla., is scientific director at the Lake Nona campus of Burnham Institute for Medical Research, a nonprofit research corporation. He directs research programs related to diabetes, obesity, metabolism and heart disease, and recruits faculty for the campus.

Marianne Unger Prey, MD, of Chesterfield, Mo., is proprietor of Extra Virgin, a St. Louis-based olive oil shop. Her business was profiled in the *St. Louis Post-Dispatch* last year.

1984

Bradley Campbell, MD, Res '87, lives in Fayetteville, Ark., with his wife, Sarah, and children, Lydia and Christian. He is a hospitalist at Washington Regional Hospital in Fayetteville. He finally has time to pursue his many passions,



Dianne F. Ross, MD, with her husband, Roger

which include backpacking, kayaking, music, home brewing, beekeeping and sports. He can be reached at bcampuck@cox.net.

Peter Kerwin, MD, of Wheaton, was named Good Samaritan of the Year by Advocate Good Samaritan Hospital in recognition of his extraordinary work on behalf of the Cardiac Alert program.

Dianne F. Ross, MD, practiced ophthalmology in New Lenox for 17 years. She also served as a volunteer for the Free Clinic in Joliet. She and her husband, Roger, are retired.

Matthew Ross, MD, Res '90, of Wheaton, has been ranked

Staff members of Takeda Global Research and Development Center, Inc. and University of Illinois medical leadership (left to right): Andrew Hull, Natalie Mirutenko, Jay Goldstein, MD, Joseph Flaherty, MD, Nancy Joseph-Ridge, MD, Qais Mekki, MD, PhD, and David P. Recker, MD



Nancy Joseph-Ridge, MD, is president of Takeda Global Research and Development Center, Inc. The organization works to develop new product candidates, conduct post-marketing clinical studies and identify and develop innovative lifecycle management approaches for marketed drugs. Along with colleagues from Takeda, she recently visited the College of Medicine and met with **Dean Joseph Flaherty, MD**, and **Jay Goldstein '74, MD '78, Res '84**, vice head for clinical affairs at the University of Illinois Medical Center. Joseph-Ridge also recently was appointed to the board of directors of the Illinois Biotechnology Industry Institute.

Charles E. Kahn Jr., MD, has been inducted as a Fellow in the American College of Radiology. He is a professor of radiology at the Medical College of Wisconsin and staff physician at Froedtert Hospital, both located in Milwaukee.

Gustavo C. Rodriguez, MD, Res '89, of Glencoe, has been named the Matthews Family Chair of Gynecologic Oncology Research at NorthShore University HealthSystem with a \$1.5 million endowment. Rodriguez is director of gynecologic oncology at Evanston Northwestern Healthcare; associate professor at Northwestern University's Feinberg School of Medicine; co-director of the Gynecologic

Oncology Care Program and the Lurie Comprehensive Cancer Center at Northwestern; and adjunct professor at Duke University.

David Thompson '81, MD, is a co-creator of SymptomMD, an iPhone application that provides users with medical advice regarding health concerns to help them determine if they need to seek physician treatment.

1986

William R. Scharf, MD, Res '88, of Pontiac, has served as a general surgeon with OSF Medical Group since 1993. He helps design and implement the firm's efforts in safety, quality, care management, regulatory preparedness and public accountability. Since 2003, he has served as chairperson of OSF Saint James Patient Safety Committee.

1987

Jan E. Sanders, MD, of Granger, Ind., has served as a pediatrician in Michiana, Ind., for more than seven years. She currently practices at South Bend Clinic in Indiana.

Anthony J. Tedeschi, MD, MPH, MBA, of Wheaton, is executive vice president and founding partner of the Sibery Group, LLC, a healthcare consulting firm. Before starting the firm in 2004, he served in a variety of leadership capacities at Central DuPage Hospital in Winfield from 1993 to 2004. He was president of the hospital and co-CEO of

Central DuPage Health. He received his MPH from Medical College of Wisconsin and his MBA from Northwestern University's Kellogg School of Management. He can be reached at ttesdeschi@thesiberygroup.com.

1988

Maria C. Horvat '83, MD, Res '93, of Charleston, is an obstetrician/gynecologist for Deerpath Medical in Charleston. She and her husband, **James Kohlmann '83, MD, Res '92**, founded DM in 1995.

Steven P. Lukancic '84, MD, of Peru, has been appointed to the board of directors of St. Margaret's Hospital in Spring Valley. Lukancic recently was named president of the hospital's medical staff. He is a radiologist and has been with St. Margaret's since 1994.

Ronald A. Navarro, MD, of Rolling Hills, Calif., is chief of orthopaedic surgery at Kaiser Foundation Hospital in Harbor City, Calif. He also serves as assistant to the medical director at Kaiser's South Bay Medical Center, where he oversees surgical services.

1989

Joan D. Boomsma, MD, Res '89, of Chicago, is vice president of medical affairs and a pulmonary specialist at St. Francis Hospital and Medical Center in Chicago. She also serves as chairwoman-elect for the Chicago chapter of the American Lung Association of Metropolitan Chicago.



Got any news?
Tell us what you're up to!

Your classmates are curious about what you've been up to. Please fill them in by sending your latest news and accomplishments to medcomm@uic.edu, and we'll be sure to include it in the next issue of UIC Medicine.

ClassNotes

1990

David D. Morimoto, MD, Res '90, practices at Associated Ophthalmologists, SC, in Joliet. He is an active member of the Chicago Ophthalmology Society. He can be reached at d.morimoto@comcast.net.

Bruce Sumlin, MD, interned at Howard University and completed an ophthalmology residency at Henry Ford Hospital. A specialist in refractive surgery, he lives in Delaware.

1991

James T. Callaghan III, MD, of Long Beach, Ind., is president of Saint Anthony Memorial in Michigan City, Ind. He previously served as CEO and vice president of medical affairs there.

1992

Stephen A. Chidylo, MD, DDS, Res '92, of Ocean City, N.J., has been appointed chief of plastic and reconstructive surgery with Jersey Shore University Medical and Trauma Center in Neptune, N.J. He is the first JSUMTC chief to be dual-trained in both plastic surgery and dentistry. He also has completed fellowship training in craniomaxillofacial surgery.

Langston B. Cleveland, MD, of Tifton, Ga., earned a doctorate of ministry from the Christian Life School of Theology in Columbus, Ga., in September 2007. He also holds master's degrees in theology, divinity and education. A medical director at the Tifton-based WorkSmart Occupational Medicine Clinic, Cleveland previously served as director of the Tift Regional Medical Center's Summit Inpatient Rehabilitation Unit. From 2006 to 2007, he served as a community leader and motivational speaker for

"Leadership Georgia," a leadership training program.

Todd P. Ginestra '88, MD, of Paducah, Ky., is a plastic surgeon at Plastic Surgery Services of Fredericksburg. He is certified by the American Board of Surgery and American Board of Plastic Surgery.

Thomas G. Hazel, PhD '92, of Gaithersburg, Md., is executive vice president of research for Neuralstem, a stem-cell research company. He is managing the company's upcoming clinical trial for Lou Gehrig's disease and a new compound targeted to treat depression. He formerly served as chief science officer for Innovative BioSensors and senior staff scientist for the National Institutes of Health.

Merle S. Rust, MD, of Janesville, Wis., is a neurosurgeon at Mercy Regional Neurosurgery Center and the Mercy Institute of Neuroscience in Janesville. He specializes in treating spine- and brain-related problems such as cervical and lumbar degenerative diseases, brain tumors, complex brain injuries, traumatic spine fractures and brain hemorrhages and hematomas. Rust formerly served as attending neurosurgeon at Northern Michigan Hospital.

1993

David R. Kopacz '89, MD, of Champaign, is a psychiatrist who maintains a private practice in Champaign.

1994

Trent T. Haywood, MD, JD, of Chicago, is deputy chief medical officer at the Centers for Medicare and Medicaid Service's Office of Clinical Standards and Quality. He helps direct quality measurement and improvement

initiatives related to Medicare. Haywood received his JD from Northwestern University School of Law.

1995

Kimberly J. Mitchell, MD, of Frankfort, is an emergency medicine physician for Silver Cross Hospital in Joliet. She completed her emergency medicine residency at Butterworth Hospital in Michigan.

1997

Eric J. Marsh '90, MD, sees patients in his Libertyville dermatology office. He provides care for conditions of the skin, hair and nails, and specializes in detection and treatment of malignant and pre-malignant skin conditions. He is a member of the American Society for Mohs Surgery and the American Society for Dermatologic Surgery.

Henry Sherman, MD, recently accepted positions as a primary care sports medicine physician at Carle Clinic in Bloomington and as a team physician for Illinois State University in Normal.

1998

Juan C. Angelats, MD, of Minneapolis, is an obstetrician/gynecologist for Diamond Women's Center in Minneapolis. He completed his residency at the University of Minnesota Regions Hospital in 2002.

Benjamin A. Brooks, MD, Res '01, has been in private practice for five years in Decatur, after spending three years in a community clinic there. He and his wife, Lisa, have two children, Patrick and Nicholas. Brooks has fond memories of several of his attending physicians, especially Arthur Frank, MD, Peter Naronha, MD, and Larry McClain, MD. He can

be reached at gogonitrojoe@hotmail.com.

Stanley Kim, MD, of Hinsdale, is an interventional radiologist with Central DuPage Hospital. He specializes in kyphoplasty, a minimally invasive spinal surgery procedure. Before joining the hospital in February 2008, Kim served as a radiologist at Delnor Community Hospital, UCLA Medical Center and West Los Angeles Veterans Affairs Hospital. Kim is a member of the Radiological Society of North America.

1999

Trent D. Proehl '94, MD, of Pontiac, is a surgeon at OSF Saint James-John W. Albrecht Medical Center in Pontiac. He recently became a Fellow of the American College of Surgeons.

2000

Johnny L. Lin '96, MD, of Oak Brook, joined Midwest Orthopaedics at Rush in September 2006. A foot and ankle specialist, he researches foot and ankle disorders such as tendon and ligament problems, arthritis and foot deformities. Lin completed a fellowship in foot and ankle surgery at the University of Tennessee-Campbell Clinic department of orthopaedic surgery.

2003

Angela M. Reining, MD, of St. Charles, Mo., is an obstetrician/gynecologist at Exceptional Healthcare LLC in O'Fallon, Mo. She completed her residency at Washington University School of Medicine.

James Youn, MD, of Charleston, has joined the medical staff at Carle Foundation Physicians Mattoon/Charleston. Youn, who specializes in

family and sports medicine, has served as team physician for several educational institutions, including the University of California-San Bernardino and Pomona (Calif.) College. He also has served as a medical staff member for numerous sporting events, including the Los Angeles Triathlon, U.S. National Wrestling Championships, NASCAR and the Little League World Series.

2004

Otto K. Lee '00, MD, of Oak Park, practices family medicine at Central DuPage Physician Group, an affiliate of Central DuPage Hospital. He also has clinical interests in newborn, infant and general pediatric care, hypertension, cholesterol, chronic obstructive pulmonary diseases and diabetes. A member of the American Academy of Family Physicians and American Medical Association, Lee completed his family medicine residency at MacNeal Hospital in Berwyn.

2005

Michael P. Klingler '00, MD, of Noble, joined Flora-based CCH Medical Clinic in July 2008 as a pediatrician.

2008

Vikram Setlur '03, MD, of Chicago, and **Laura McDaniel '05, MD**, were married on July 12, 2008, in Palatine. The bridal party included **Vineet Dandekar '03, MD '07**; **Sean Conrin, MD '08**; **Nicholas Morley '04, MD '08**; **Kevin Chen '04, MD '08**; and **Gokul Kumar, MD '09**. Laura has begun her internal medicine residency and Vikram is an ophthalmology resident in Philadelphia.



Where will you be on October 15?

Join University of Illinois College of Medicine Dean Joseph Flaherty for lunch and the latest news about your alma mater.

You won't want to miss the tour of UIC's groundbreaking **Robotic Surgery labs**.

Revisit your old classrooms and **discover what's new** at your old stomping grounds during our College of Medicine alumni campus bus tour.

Relax with old friends, enjoy dinner and dancing, and reminisce about your UIC medical school days in style at the Alumni Reception, Dinner and Awards Ceremony.

Reunion 2009

October 15 and 16 ■ Chicago, Illinois

Don't miss it.

Questions? Please call us at (312) 996-1640 or visit www.medicine.uic.edu/Reunion2009.

In Memoriam

Faculty

JULIUS RICHMOND '37, MS '39, MD '40, HONOR. '79, former U.S. surgeon general, creator of Head Start and pioneer in child development and anti-tobacco education, died July 27, 2008.

After completing his studies at the College of Medicine and serving as a flight surgeon in the U.S. Army Air Forces during World War II, the Chicago native joined the UIC pediatrics faculty at a time when it comprised only three physicians. All were—as Richmond described them in a campus visit—very concerned with child welfare issues, particularly the effects of poverty.

In 1953, Richmond moved to Syracuse, N.Y., where he joined the faculty of what is now the Upstate Medical University. In 1965 he worked with President Lyndon Johnson to launch Project Head Start. The federal program has helped millions of children through early-childhood care and education.

Richmond joined the faculty of Harvard Medical School in 1971, taking time off to serve as U.S. surgeon general in the Carter administration. As surgeon general he fought the tobacco industry, and during the 1990s, he was the first witness in a class-action lawsuit brought by flight attendants who believed their health was compromised by secondhand smoke.

Richmond's research efforts were wide-ranging and encompassed many disciplines. At one point he carried appointments at Harvard in government, psychiatry, pediatrics and public health.

"Dr. Richmond was an outstanding researcher who never wavered in his dedication to children," says Joseph Flaherty, MD, dean of the College of Medicine. "When Dr. Richmond returned last year to UIC to give a lecture, it was clear that he had not lost his determination to provide solid data rather than sentiment to inform programs that might better the lives of children."



Shirley Mitchell/Hennepin University News Office

SAMUEL W. BECKER JR., MD '47, of Jacksonville, Fla., died Oct. 16, 2007. A longtime resident of Holmes Beach, Fla., he was a veteran of World War II. Prior to entering private practice in dermatology, he joined the faculty of U of I as an instructor in 1953, where he held all academic ranks up to clinical professor in 1973.

VLASTIMIL CAPEK, MD, of Dalles, Ore., died June 21, 2008. After immigrating from Czechoslovakia in 1969, Capek joined the faculty at the University of Illinois Medical Center and achieved the rank of professor before being named chairman of the department of radiology in 1972. He maintained that appointment until 1989, when he retired from active practice. Capek was admired for his teaching and administrative skills.

GUSTAV W. GIEBELHAUSEN, MD '43, of Peoria, died March 18, 2008. A faculty member at the College of Medicine at Peoria, he taught nurses, interns and residents for many years. Giebelhausen began his private practice in 1948. Later he completed further training in general surgery and chest surgery, and was active in surgery at Methodist, St. Francis and Proctor hospitals. He was a Diplomat of the American College of Surgeons and a veteran of the Army Medical Corps.

EDWIN E. GOLDBERG, MD, of Bonita Springs, Fla., died April 25, 2009. An Air Force veteran, he practiced internal medicine in Decatur until 1986. While in Decatur, Goldberg served as clinical professor of medicine at the College of Medicine at Urbana-Champaign. During this time, he also was appointed vice president of medical

and environmental affairs at the A.E. Staley Mfg. Company (now Tate & Lyle). He was an active member of several professional societies and was appointed to the Illinois Governor's Council for Health and Physical Fitness, where he enjoyed working on many healthcare issues at the legislative level. Goldberg and his wife, **Jeanne Goldberg '69, MD,** performed medical mission work in Honduras and Venezuela and were honored by the Honduras government for their medical assistance following Hurricane Mitch.

ROBERT L. GRISSOM '39, MD '41, MS '41, of Omaha, Neb., died March 17, 2009. A former assistant professor of internal medicine at the College of Medicine, he was recruited to the University of Nebraska Medical Center in 1953, where he served for more than 30 years. Grissom was the first full-time chair of internal medicine, professor emeritus of the department of cardiology and one of four original full-time clinical faculty members. Throughout his career, he held many leadership positions and received numerous awards, including becoming only the second physician in Nebraska to achieve mastership status in the American College of Physicians.

ROBERT J. JENSIK, CERTIF. '38, MS '38, MD '39, RES '48, emeritus professor of thoracic surgery, died March 8, 2008. In the 1940s, he joined the College of Medicine as a faculty instructor and eventually trained with former head of surgery Warren H. Cole, earning his board certification in thoracic surgery in 1954. In addition to maintaining his own surgery practice, Jenzik continued to train surgeons on a part-time basis at UIC until 1967. He was the head of the DeKalb County Chest Clinic and former president of the North Shore Medical Society as well as the staff at Rush Presbyterian-St. Luke's Medical Center.

EDWIN J. LIEBNER '44, MD '46, RES '56, of River Forest, died March 4, 2009. He joined the department of radiology faculty in 1956 as an assistant professor and later held positions as director of radiological therapy, professor, physician surgeon and acting head.

HAROLD M. MANFREDI, MD, RES '54, of Chicago, died June 20, 2003. He was a faculty member at UIC from 1972–1982. Manfredi was a member of numerous psychiatric and neurologic societies and served as a physician in the U.S. Army.

COYE C. MASON, CERTIF. '39, MD '40, a member of the department of pathology faculty for 27 years, died Feb. 6, 2009. He was 97. Born in Grand Rapids, Mich., Mason came to Chicago in 1931 to study medical illustration at the Art Institute of Chicago, which led in turn to his becoming a physician. He was influential in establishing numerous blood banks and was co-founder of the Council of Community Blood Banks, now known as America's Blood Centers.

During his career, Mason also served as Aurora's first pathologist and helped establish the medical technology program at Aurora College (now Aurora University); was the chief pathologist at Grant and Augustana hospitals; and established two pathology practices.

LARRY W. MCDONALD, MD, of Elmhurst, died May 18, 2009. He joined the College of Medicine in 1978 as professor of neuropathology and a physician surgeon. In 1992, he collaborated with UIC neurosurgeon **Manuel Dujovny** on a project to categorize and label a large and well-preserved collection of specimens from brain injuries and diseases. After retiring from full-time work, McDonald remained a part-time neuropathologist, continuing to teach and mentor medical students until May 2008. Prior to coming to UIC, he worked for the federal government's Lawrence Radiation Laboratory and taught at the University of California Davis School of Medicine and at Wright State University in Dayton, Ohio.

HUGH J. MCMENAMIN '50, MD '52, of Peoria, died Oct. 30, 2007. He was a clinical associate professor at the College of Medicine in Peoria and was chief of physical medicine and rehabilitation at the Mennonite Hospital in Bloomington. A World War II Navy veteran, his staff appointments included consulting with Brokaw Hospital in Normal, Eureka Hospital in Eureka and St. John's Hospital in Springfield.

LLOYD M. NYHUS, MD, of Chicago, Warren H. Cole Professor and head of surgery at the College of Medicine for more than 20 years, died Dec. 15, 2008. Joining the UIC department of surgery as the lone full-time surgeon, Nyhus built it to include 52 full-time faculty members. He also helped develop the field of gastric surgery,

authoring or co-authoring more than 100 books. His works include *Mastery of Surgery*, an encyclopedic text of surgical procedures considered to be one of the field's basic texts. A U.S. Naval Reserve Medical Corps veteran, Nyhus was a faculty member at the University of Washington in Seattle from 1954 to 1967. He served at various times as chairman of the American Board of Surgery, president of the Warren H. Cole Society and president of the International Society of Surgery, and held various positions in the American College of Surgeons.

WILLIAM REQUARTH '35, MD '38, MS '40, of Decatur, died June 2, 2008. A renowned surgeon, he practiced at several Chicago-based hospitals, including Cook County, Veterans Administration, Henrotin, St. Mary's and Decatur Memorial. He was a member of the U.S. Navy from 1941 to 1946. An attending surgeon at the University of Illinois Hospitals from 1946 to 1969, Requarth also served as a clinical professor emeritus of surgery at the College of Medicine. He received the U of I Alumni Association's Distinguished Service Award in 1972 and the College of Medicine's Alumnus of the Year Award in 1983. He performed Decatur's first open-heart surgery, wrote medical books and was a member of numerous professional and civic associations. Requarth held both private and commercial pilot's licenses and was an acrobatic flier. His son, Tim Requarth, wrote a book about his father, *The Flying Doctor, The Life of William Requarth*, based on his father's voluminous diaries.

MILTON ROBIN, CERTIF. '37, MD '38, RES '48, of Evanston, died June 13, 2008. A colonel in the U.S. Army during World War II, he had a private dermatology practice in Chicago and Park Ridge for 63 years. He pioneered research and published many articles on the psychoanalytic aspects of dermatology. He was a member of the Noah Worcester Dermatological Society and former president of the Chicago Dermatological Society. He received many distinguished service awards from the U of I department of dermatology.

ROBERT J. RYAN, MD, of Rochester, Minn., died Oct. 31, 2008. He was a member of UIC's faculty for many years before joining Mayo Clinic in 1967. At Mayo, Ryan rose through the ranks as a professor and was chairman of two departments. He trained more than 45 postdoctoral fellows and received the Mayo Distinguished Investigator Award in 1986 and the Mayo Distinguished Alumnus Award in 1994. His work on pituitary gland hormones earned both national and international recognition. He served on the boards and commit-

tees of many professional societies, earning a number of awards.

JOHN E. SHEEN, MD, of Mapleton, died Oct. 28, 2007. A World War II Navy pharmacist mate and medic with the U.S. Marines, Sheen began his career in general practice in Roanoke from 1954 to 1965. He then went into private practice as a psychiatrist until 1982. From there he served as medical director for the Human Service Center until 2004. He was a faculty member of the College of Medicine in Peoria and on staff at OSF St. Francis Medical Center. A member of several professional and civic societies, Sheen was past vice president of the Central Illinois Psychiatric Association.

WILLIAM GERARD SMITH, MD, of Fallbrook, Calif., died Sept. 30, 2006. He was a former professor of psychiatry and was the originating chair of the department of psychiatry for the University of Illinois College of Medicine at Rockford. Smith also served as the director of research for the Illinois Department of Mental Health in Rockford. A graduate of St. Joseph's University and the University of Pennsylvania School of Medicine, Smith completed his psychiatric residency at the Pennsylvania Hospital and served in the Public Health Service in Lexington, Ky. Throughout his 45-year career, he maintained an active clinical practice. His works were published in many professional journals.

HAROLD W. SPIES, MD, RES '53, of Fargo, N.D., died Jan. 3, 2009. He served in Korea in the U.S. Army Medical Corps from 1947–1949 and was medical superintendent of the Municipal Contagious Disease Hospital in Chicago from 1953–1966. He then worked as health and safety director of American Oil Co. (which became Amoco Corp.), where he retired as medical director in 1988. Spies also was a clinical associate professor of preventative medicine at the College of Medicine.



Oscar Sugar, MD

led at UIC in which a team of surgeons separated twins joined at the tops of their skulls. Esteemed as



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a teacher as well as a clinician, he was honored with the Golden Apple Award for teaching neurosurgery at UIC. He received his bachelor's degree from Johns Hopkins University, MD from George Washington University and PhD from the University of Chicago.

LEWIS W. TANNER, MD '43, of Danville, died April 1, 2008. An Iwo Jima survivor, Tanner served with the U.S. Navy. After five years of active duty, he became the medal officer for the developing Marine Corps Reserve Infantry Battalion in Danville. He later held this same position with the Naval Reserve Training Center. Tanner served the community as a family physician with a heavy emphasis on obstetrics and general surgery. He maintained a private practice with his wife, **Megan J. Tanner, MD '43**. He was director of the Family Practice Residency Training Center, Danville, for 10 years and was professor of family practice for the College of Medicine in Urbana-Champaign during this time. He was on staff at the two local hospitals, serving as president of the staff at St. Elizabeth's Hospital twice. He also was secretary-treasurer of the Vermilion County Medical Society for more than 27 years, a member of the Cancer Clinic and its board and a longtime participant in the school health and immunization program in the local and county schools. Tanner also served as the primary physician and medical director for the Danville Correctional Center from its inception through the following years and sat on the boards of many community organizations.

Staff

Jeanne Buitter, MFA, MBA, of Oak Park, a senior academic adviser in the College of Medicine's Office of Student Affairs, died Feb. 23, 2008. Buitter, who worked in the office for nearly 10 years, also was the former executive director of the University of Chicago Alumni Association. She earned her Master of Fine Arts degree from the School of the Art Institute and a master's in business administration from the University of Chicago. She was an avid gardener, painter, potter, gourmet cook and seamstress, and her passion for the arts made students gravitate to her. Buitter also was instrumental in starting a chapter of the Gold Humanism Honor Society at UIC.

Alumni

1933

Lawrence E. Foulke, MD, of Wauconda, died in November 2007. He was a physician in Wauconda for 32 years and served as a major in the Army Medical Corps from 1941–1945. He also was an active member of many professional and civic organizations.

Leo J. Greenberg, Certif. '32, MD, of Chicago, died in January 2009. A practicing physician for 54 years and a World War II veteran, he lived to 100 years old.

1934

Charles E. Branch, Certif. '34, MD, of Piper City, died April 2, 2009. He celebrated his 100th birthday in June 2008. A retired physician and surgeon, he practiced medicine in Piper City from 1934 to 1977. An avid plant breeder, Branch cross-pollinated day lilies and created more than 300 flower varieties, including the *Hotensia* blend, which earned him a Stout Medal from the American Hemerocallis Society in 1972.

1935

Marshall L. Fisher, Certif. '34, MD, LFAPA, of Charlotte, N.C., died Oct. 8, 2008. He served as a major in the U.S. Army during World War II. After the war, Fisher practiced in Montana, California and Virginia. He moved to Charlotte in the 1950s and established the first psychiatric clinic in North Carolina. He stayed with the clinic for a number of years before going into private practice. In 1980, he retired and moved to New York City. After being certified to practice in New York, he continued to work until 1994, when he returned to Charlotte.

1937

Bruno A. Desulis, MD, of Yorkville, died June 15, 2008. A general practitioner and surgeon, he began a private practice in 1940 in Beardstown. At one time, Desulis also was chief of the medical staff at Schmidt Memorial Hospital. During his career, he delivered more than 1,000 babies. He was a member of many professional and civic organizations and served in the U.S. Navy during World War II.

Irving Favus, Certif. '36, MD, of Peoria, died Jan. 16, 2006. During World War II, he served in the U.S. Army Reserves and spent five years on active

duty, 15 months of which were spent with Gen. George Patton. It was during this time Favus earned five Battle Stars and a Bronze Medal. In 1945, *Life* magazine published an article on Favus's dedication beyond the call of duty. Following discharge, he practiced medicine with his brother Leonard. During their partnership, they treated more than 20 percent of Peoria's population, which numbered more than 100,000.

Aaron Hilkevitch, Certif. '36, MD, MS '40, of Chicago, died Oct. 4, 2008. A practicing psychiatrist in Chicago for more than 50 years, he was the last surviving Illinois member of the Abraham Lincoln Brigade, the U.S. volunteers who went to Spain to fight the fascists in the 1930s. Hilkevitch was a committed leftist and Freudian psychoanalyst who treated patients of all walks of life, even those who couldn't pay. He also taught and worked with residents at the University of Chicago Hospitals for many years, and served in the U.S. Army during World War II.

Herbert E. Rubin, Certif. '36, MD, of Gulfport, Fla., died June 15, 2008. He volunteered for the Army Medical Corps and served as a psychiatrist. In 1951, he moved to St. Petersburg, Fla., where he practiced medicine until his retirement in 1999.

William B. Zelik, Certif. '36, MD, of St. Louis, died March 22, 2008. He worked as a physician in Chicago until 1942, when he entered the Army as a battalion surgeon and was sent to North Africa, Italy and France, where he received a Bronze Star for his medical work. After he returned to the U.S., Zelik worked in private practice in Chicago from 1947 to 1988 and became medical staff president at Methodist Hospital. He was also on staff at Lutheran Deaconess, Lutheran General and Swedish Covenant hospitals.

1940

Henry S. Bernet, MD, of Springfield, Mo., died Feb. 22, 2008. A veteran of World War II, he was a physician in internal medicine until 1981 and a medical consultant with the Department of Human Services, Rehabilitation Services Division.

Adrian R. Oleck, Certif. '39, MD, of Park Ridge, died in February of 2009. He was a longtime resident and ob/gyn in Park Ridge.

1941

Earl W. Donelan '41, MD, of Springfield, died Oct. 31, 2008. After an internship at Cook County Hospital in Chicago, he served with the Third Amphibious Corps of the Fleet Marine Force during World War

II. He also served during the Korean War and later at the U.S. Naval Training Hospital, retiring in 1953 with the rank of lieutenant commander. Donelan helped form the first full-time emergency staff at St. John's Hospital. From 1959–2006, he was medical consultant to the Bureau of Disability Determination Services, Department of Human Services.

Selma K. Dritz '39, MD, of San Francisco, died Sept. 3, 2008. As a San Francisco health physician and infectious disease epidemiologist, she tracked the city's earliest cases of AIDS in 1981. Because of her status with members of San Francisco's gay community, she was able to trace their contacts and counsel them about safe sex. In the movie *And the Band Played On*, which chronicled the discovery of the AIDS epidemic, Dritz was played by actress Lily Tomlin.

Walter Gaines, Certif. '40, MS '40, MD, of San Francisco, died Jan. 16, 2009. After serving as a flight surgeon in the Pacific Theater during World War II, he practiced radiology until retiring in 1985. He was a clinical professor of radiology at UCSF, teaching for many years, and honored as an elected Fellow of the American College of Radiology. His love of philanthropy led him and his wife, Beverly, on many medical missions—bringing medicine to Cuba and resources to Rufuseniks in the Soviet Union, and establishing a medical laboratory in Ethiopia. After his retirement, Gaines founded Samaritan House Free Medical Clinic in San Mateo County, Calif., where he and his wife volunteered.

John R. Gordon, Certif. '41, MD, of West Creek, Colo., died May 26, 2008. A veteran of the U.S. Army Medical Corps, he practiced medicine his entire career with the Veterans Administration, first in Chicago and for more than 30 years in Lincoln, Neb., where he was chief of medicine.

Beryl McDonald Makemson, Certif. '41, MD, of Naples, Fla., died March 23, 2008.

H.T. Merrell '38, '40, MD, of Tuscaloosa, Ala., died Feb. 24, 2007. During World War II, he served as a captain in the U.S. Air Force Medical Corps in the European and Pacific theaters. He maintained a private practice for 27 years before working for Southern Illinois University's Student Health in Carbondale and the Veterans Administration Hospital in Marion, Ala.

Laurence H. Rubenstein, Certif. '41, MD, of Glencoe, died July 18, 2008. Rubenstein was one of the first board-certified thoracic surgeons. He started one of the first thoracic surgery training programs, and eventually became a professor of sur-

gery and director of the thoracic surgery section at the University of Chicago. He accomplished many surgical firsts in Chicago, including the first repair of a defective mitral valve in a child and the first cardiac pacemaker implantation in an adult.

George Sharpe, Certif. '41, MD, of Silver Spring, Md., died Nov. 23, 2007. An internist who practiced in Kensington, Md., Sharpe served during World War II as a battalion surgeon in the South Pacific, earning four Bronze Stars. In 1989, he published *Brothers Beyond Blood: A Battalion Surgeon in the South Pacific*. After the war, he opened a private practice, which he ran for 25 years. He was a former chief of medicine at Suburban Hospital and was on staff at Holy Cross Hospital as well as on the faculty of George Washington University School of Medicine. After he retired from his medical practice in the mid-1970s, he worked for the Food and Drug Administration, where he rewrote labels for aspirin that warned consumers of the drug's potential to cause internal bleeding.

1942

Samuel L. Andelman, MD, of Niles, died May 5, 2009. He was a former health commissioner for the City of Chicago and the first health director for the Village of Skokie.

A. Sherwood Baker, MD, of Mt. Morris, died May 8, 2009. A captain in the U.S. Army Air Force during World War II, Baker worked as a general practitioner from 1946 to 1963 and was a member of the medical staff at Rockford Memorial Hospital. In 1963, he joined the faculty at the University of Missouri-Columbia. There, he initiated the campaign to establish a family medicine residency in Columbia in 1969 and served as MU's first director of that residency program. He also served as chair of the department of community health and medical practice. Baker retired in 1982 as professor emeritus.

Robert J. Brennan, MD, LLB '55, of Ponte Vedra Beach, Fla., died Jan. 11, 2009. A former resident of Philo, he joined the U.S. Navy in 1941 after which he earned his MD and law degrees. Before moving to Florida, he practiced internal medicine in Champaign and Philo. Brennan was instrumental in forming the board certification of doctors for allergy, immunology and internal medicine. While serving as chief of medicine at Holy Cross Hospital in Fort Lauderdale, Fla., he received many awards for his dedication and outstanding service.

Webster B. Gelman '38, MD, of Iowa City, Iowa, died Jan. 21, 2008. An orthopaedic surgeon, he

helped found the Steindler Orthopedic Clinic, where he served as director from 1959–1984. He was president and CEO of Towncrest Medical Properties during those years as well. Gelman also served as director of Towncrest's X-ray department and was an active staff physician at Mercy Hospital in Iowa City for many years. He was a Navy veteran and a member of numerous professional and civic organizations. After his retirement, Gelman began a second career as an artist. He had many exhibitions in Iowa and California, where his works are now in private and institutional collections.

Frederick L. Phillips, MD, of Livingston, Texas, died Oct. 9, 2007. A Medical Corps veteran, he was in private practice in Chicago and later Houston. He served as president of staff at Texas Children's and Memorial Southeast hospitals. He was also an associate professor at Baylor College of Medicine. After Phillips retired from practice in 1981 and moved to Livingston, he served as the only pediatrician in Polk County at UTMB/Livingston. He volunteered his services to indigent children in area clinics and volunteered extensively with the VFW. He was named state surgeon for the VFW Department of Texas from 1983 to 1987 and in 1990 received the Governor's Award for Outstanding Volunteer Service. In 1999, Phillips was named Polk County of the Year in recognition of his service to his community.

1943

Peter J. Cotsirilos '51, MD, of North Chicago, died Nov. 5, 2008.

Irwin Dritz, MD, of Glenview, died in February 2008. He served on the U.S. Navy hospital ship Benevolence. At age 34, he was chief of anesthesiology at Cook County Hospital and then head of the department of anesthesiology for 25 years at St. Anne's Hospital on Chicago's West Side. He also practiced anesthesiology for 12 years at Gottlieb Hospital.

Barbara Steiner Lipton, MD, Res '48, of Bellevue, Wash., died Feb. 1, 2009. Following medical school, she was a clinical assistant in the department of psychiatry at UIC and in private practice as a psychiatrist in Chicago. In 1959, Lipton moved to the University of North Carolina to serve as a clinical associate professor in the department of psychiatry. She also opened a private practice in psychiatry in Chapel Hill, N.C. She was a life Fellow of the American Psychiatric Association and a life member of the North Carolina Medical Society.



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Sidney S. Meyers, MD, of Mequon, Wis., died Nov. 20, 2007. A World War II veteran, he practiced obstetrics/gynecology in the greater Detroit area for 35 years. He was the former chief of ob/gyn at both Holy Cross Hospital and Macomb Hospital Medical Center. He was a Diplomat of the American Board of Obstetrics/Gynecology and received a 50th Year Award from the Michigan State Medical Society in 1993 for his contributions to medicine.

Bruce B. Newman '41, MD, of La Grange Park, died March 15, 2009. He served in the Medical Corps during World War II, after which he completed advanced medical training and practiced pediatrics for more than 40 years, the majority of them in Hinsdale. In the 1970s, Newman added emergency room practice and ended up in general medicine. He was medical director at the Masonic Home in La Grange in the 1950s and was head of pediatrics at La Grange Hospital in the '60s.

Phyllis T. Mrazek Orland '39, MD, Res '44, of Forest Park, died July 1, 2009. A member of Alpha Omega Alpha, she was a pediatrician on staff at MacNeal Memorial and Oak Park hospitals. She retired in 1988. Her husband, Frank J. Orland, DDS '41, died in 2000.

Joseph A. Provenzano, MD, of Toledo, Ohio, died March 30, 2009. He was a family practitioner.

Megan J. Tanner, MD, of Danville, died Jan. 16, 2009. The first board-certified pediatrician in Danville, she established a private practice with her husband, **Lewis W. Tanner, MD**. She served in many capacities on the staffs of St. Elizabeth and Lake View hospitals and provided untold hours of service to the Well Baby Clinic. She also directed the school health and immunization program for Danville and Vermilion County. In 1991, Tanner was presented with the Vermilion County Women of Achievement award for outstanding service to the community.

1944

Joseph A. Cohen, MD, of Los Altos, Calif., died June 18, 2008. He practiced internal medicine in Chicago before going to Stanford University Medical Center in 1962 for a residency in psychiatry. After practicing psychiatry for some years, he returned to internal medicine and retired 10 years ago.

Jerome G. Green '42, MD, of Miami, Fla., died January 9, 2009. He served in the Pacific during World War II as a ship's physician and surgeon. Following the war, Green moved back to Chicago and began a 40-year career as a family physician and surgeon on the city's South Side. He served on the

staffs of numerous hospitals and volunteered as a professor in the departments of family medicine at Rush and Loyola universities. He also volunteered extensively in inner-city clinics. He was a pioneer in medical hypnotism and delivered hundreds of babies in the 1960s and '70s using this technique. He and his wife, Sonia, moved to Miami in 1985, and he became a member of the Coast Guard Reserve. Later, Green founded the Sonia Green House in Port Au Prince, Haiti, serving disabled children and adults. He was a lifelong supporter of social justice and community service.

1945

Joseph G. Fortner '44, MD, of New York, died Feb. 18, 2007. A retired cancer surgeon, he was on staff for 45 years at Memorial Sloan-Kettering Cancer Center, becoming chief of Gastric and Mixed Tumor Service and director of the General Motors Cancer Research Laboratory. He also was a professor of surgery at Cornell Medical College and served as president of the General Motors Cancer Research Foundation. He performed many of the earliest liver transplants, including the first heterotopic liver transplant, and created a new procedure to resect cancer of the pancreas, which increased survival rates.

Donald G. Lindsay, MD, of Ventura, Calif., died May 3, 2009. He graduated at the head of his medical class and was a member of Alpha Omega Alpha Honor Medical Society. He served as a captain in the U.S. Army Medical Service Corps from 1952 to 1954, and also served during the Korean War. In 1957, Lindsay co-founded Ventura Dermatology, where he practiced until his retirement in 1994. From 1971 until 1995, he was assistant clinical professor of dermatology at USC Medical School. He also conducted research into the aging process and participated as a researcher in projects at the University of Colorado at Boulder.

Gordon F. Wolfe '44, MD, of Portland, Ore., died Sept. 24, 2008. He served in the Army as a physician during World War II and was a captain on the USS Hope. He then joined the staff of Legacy Emanuel Hospital in Portland. He retired from private practice as a family physician and allergist in 1987.

1946

Jack Moshein '44, MD, of Beverly Hills, Calif., died March 15, 2009. An orthopaedic surgeon, he joined the Cedars-Sinai Medical Center staff in 1955 and served as the chief of orthopaedic surgery until

2004 when he became an active member of the emeritus staff.

1947

Newell T. Braatlien, MD, of Moline, died May 22, 2008. He was a pathologist with the Quad City Pathology Group for 41 years.

Sidney M. Goldman '45, MD, of Santa Fe, N.M., died April 23, 2002.

Jean P. Karr '45, MD, of Jackson, Mich., died Dec. 10, 2007. From 1953 to 1972, Karr practiced internal medicine in Jackson, where he specialized in neurology. Afterward, he served as a consultant for the Michigan Social Security Disability Determination Administration until 1986. Active in his community, Karr was a member of the Arbor Grove Congregational Church and Beth Moser Mental Health Clinic Board.

Lester D. Shook, MD, of Fargo, N.D., died Nov. 23, 2007. He worked as a chemist during World War II and served in the Army, Navy and Marines. He was a physician in Riversdale, N.D., and at Camp Pendleton, Oceanside, Calif. He then served as a radiologist at the Fargo Clinic from 1955 to 1967 and in Jamestown from 1968 to 1969. He returned to Fargo to finish his career in radiology. He taught radiology technologists and medical students for many years and was a Fellow in the American College of Radiology. Shook also was an active member in many professional and community organizations.

1948

Bertram Katz '46, MD, of Hubbard, Ohio, died Dec. 31, 2007. A longtime area surgeon with a private practice in general surgery for nearly 40 years, he was an admired teacher and mentor who trained numerous surgical residents. In 1957, Katz led a surgical team that performed the first successful separation of conjoined (Siamese) twins sharing a vital organ. He was chief of surgery at Youngstown Hospital Association from 1969–1973, and a veteran of both the U.S. Navy and Army.

1949

Robert L. Marske '45, MD, Res '51, of Carmel, Ind., died Sept. 19, 2008. He served in the U.S. Navy in World War II and as a doctor in the Korean War before practicing pediatrics in Michigan City, Ind., for 43 years. He retired in 1998.

Leslie Theodore McClinton, MD, died Dec. 22, 2008. McClinton headed the cancer surgery department for three years at the U.S. Public Health

Hospital in Baltimore, Md. After a year as deputy chief of surgery at the Public Health Hospital in Seattle, he entered private practice in 1958 in Bellevue, Wash. McClinton was on the original staff of Overlake Hospital, serving as chief of staff in 1985, and maintained a successful private practice for 30 years. He also enjoyed being the team doctor for the Bellevue High School football team while watching his sons play on the team.

Marian D. Tolpin '47, MD, of Glencoe, died June 10, 2008. She practiced and taught psychoanalysis at the Institute for Psychoanalysis in Chicago for more than 40 years.

1950

Jerome J. Landy '48, MD, of Chicago, died March 7, 2008. A pioneering surgeon and inventor, Landy performed groundbreaking research on antibiotic-resistant staph in 1952. He also invented a protective isolation system to treat severely burned patients and designed equipment to transport and store moon rocks from the Apollo 11 and 12 missions.

Marvin K. Levin '48, MD, of Los Angeles, died Feb. 10, 2008. A World War II Army veteran, he had a long and distinguished career as an ob/gyn and was affiliated with Cedars-Sinai Medical Center where he served as chief of obstetrics and gynecology for a time. He also did extensive clinic work in many areas of Los Angeles. During his years of practice, Levin was an associate clinical professor at the University of Southern California.

Charles A. Linke '48, MD, died Aug. 21, 2003. During his long career, he practiced at the Duluth Clinic in Duluth, Minn., served at the Mt. Selinda Mission Hospital in (Zimbabwe) Rhodesia, Africa, and joined Strong Memorial Hospital's urology department in Rochester, N.Y. Until his retirement in 1990, Linke also was a professor of urology.

Anthony J. Lund, MD, of Los Gatos, Calif., died July 7, 2008. He practiced medicine in Santa Clara County for 30 years.

William H. Middleton, MD, Res '50, of Alton, Iowa, died Jan. 18, 2008. He served in the Army Medical Corps in World War II. After his specialty training, Middleton then opened a practice in ophthalmology in Alton in 1951 and served on the staff of several area hospitals.

Kurt Schlesinger '41, '48, MD, of San Francisco, died July 21, 2007. Following his service during World War II on liberty ships in the North Atlantic and obtaining his medical degree, Schlesinger

began his more than 50-year practice and teaching career in psychiatry in San Francisco. He was published often and enjoyed acting, art, literature, music and tennis, which he played until age 87.

1951

Julius S. Newman, MD, of Aurora, died April 23, 2009. While serving in the armed forces during World War II, he received a Purple Heart and helped liberate a concentration camp in Poland. He practiced internal medicine in Aurora until he took an administrative position at Copley Hospital. As vice president of medical affairs and continuing medical education, he was instrumental in expanding the Copley community and the building of the Rush-Copley Medical Center. In semiretirement until January 2009, he continued his role of managing the CME program, which is named in his honor.

Richard Timpton Sr., MD, of New Orleans, died May 16, 2008. The first African-American board-certified radiologist in Louisiana, Timpton was a lieutenant in the Army's Quartermaster Corps during World War II. Following medical school, he was assistant chief of radiology at Homer G. Phillips Hospital in St. Louis. He then moved to New Orleans in 1962 to be chief of radiology at Flint-Goodridge Hospital. He later held that position at New Orleans General and St. Claude General hospitals. President John F. Kennedy appointed Timpton to a national board of doctors to study health issues affecting minority groups. In the early 1980s, he went into private practice and retired in 1998. He was a former president of the New Orleans Medical Association and a member of numerous other professional societies.

1952

Robert D. Simpson '50, MD, of Spring Park, Minn., died Dec. 30, 2008. He served in the Army Air Corps during World War II. Simpson then opened a private practice as Woodstock's first board-certified general surgeon. In 1965, he co-founded the Kishwaukee Valley Medical Group, which grew into a multispecialty clinic of board-certified physicians and was one of his proudest accomplishments. He retired in 1993 and later moved to Minnesota to be near his family.

A. Paul Wendel, MD, of Brockton, died Sept. 16, 2007. From 1953 to 1955, he served in the U.S. Army as a general medical officer while stationed in Europe. Wendel initially practiced general medicine in Altamont, before specializing in radiology in the Miami area. He had staff appointments at Broward

General and Imperial Point medical centers in Ft. Lauderdale, Fla., and North Broward Medical Center in Pompano Beach, Fla. Wendel also was an airline pilot and owned and operated several of his own aircraft.

1953

Takeshi Hayashida '51, MD, of Torrance, Calif., died Nov. 29, 2008.

John M. Johnston, MD, of Chicago, died Feb. 14, 2009. He was a veteran of the U.S. Army and a member of many professional organizations, including the Chicago Medical Society, the Illinois State Medical Society, the American Medical Association, the Illinois Surgical Society, the Midwest Surgical Association and the American College of Surgeons.

Otto D. Klassen, MD, of Goshen, Ind., died Jan. 31, 2009.

Thomas A. O'Shea, MD, Res '53, of Aurora, died March 25, 2008.

Jack W. Pearson '52, MD, of Tucson, Ariz., died April 25, 2009. An ob/gyn, he retired from the Army as a full colonel after 20 years of service. He ended his career as an emeritus professor in the department of ob/gyn at Arizona College of Medicine in Tucson.

Harold A. Shafter '51, MD, Res '58, of Lincolnwood, died Feb. 23, 2009. A cardiologist, Shafter was chairman of Advocate Lutheran General Hospital's department of medicine from 1973 to 1980, and in 1976 established its first residency program in internal medicine. From 1980 to 1988, he was the hospital's medical director. In 1995, Shafter took over as medical director of the cardiology units. He also maintained a private practice.

1954

Leroy A. Futterer, MD, of Manistee, Mich., died Dec. 7, 2008. Board-certified in internal medicine, he opened a private practice in 1960 and served on the medical staff of West Shore Hospital for many years. Futterer retired from private practice in 1993 and joined the staff of Munson Medical Center in Traverse City, Mich., where he was instrumental in developing the hospitalist program. He formally retired in 2000.

Paul O. Kretschmar, MD, of Vancouver, Wash., died April 26, 2008. He was the Vancouver Clinic's longest-serving physician, practicing internal medicine for more than 46 years and occupational medicine for his last 10 years. He was also assistant professor of medicine at Oregon Health and Science



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University. A Navy veteran, Kretschmar was chairman of the board of trustees of the Vancouver Clinic during the 1960s and '70s.

1955

Howard Gurevitz '51, MD, died May 19, 2009. In 1961, he launched his private practice in Burlingame, Calif. In addition, he held various positions with the San Mateo County Department of Health and Welfare from 1961–1979. As assistant program chief, he developed and administered San Mateo County's first comprehensive community mental health center, and as program chief, he managed all of San Mateo County's mental health programs. Gurevitz maintained his practice until his passing. He was an active member, consultant and advisor for many state and national health organizations, including the American Medical Association and the American Psychiatric Association. He was on faculty at San Mateo County Residency Training Program as attending psychiatrist. He taught and lectured at the University of California–Berkeley, Hayward State College and the Center of Training in Drug Abuse and taught many continuing education and training programs.

William X. Halloran '55, MD, of Arcadia, Calif., died Feb. 19, 2008. A renowned orthopaedic surgeon and medical innovator, he was the first orthopaedic surgeon to establish a practice in Costa Mesa, Calif. He helped pioneer the development of advanced medical devices and techniques in bone fracture treatment, helped found the International Society for Fracture Repair, was a published author and achieved the rank of captain in the U.S. Air Force.

Randall L. Mann '52, MD, of Kankakee, died Nov. 2, 2008. An internal medicine physician, he was on staff at Provena St. Mary's Hospital and Riverside Medical Center. He was a member of many local and state medical associations, and former president of the Kankakee County Health Department board. He also served in the U.S. Navy.

1956

Jack D. Aron '55, MD, of Miami, Fla., died Dec. 15, 2008. A specialist in orthopaedic surgery, Aron worked in private practice in Hialeah, Fla., and at many area hospitals, establishing himself as one of the leading orthopaedic surgeons in Dade County. He was part of the ownership group that planned and built Palmetto General Hospital. After retiring from private practice, Aron became a professor and mentor at the University of California San Francisco Medical School, Martin Luther King Hospital in

Inglewood, Calif., and Jackson Memorial Hospital in Miami.

David M. Barton '53, '54, MD, of Boise, Idaho, died April 5, 2008. A flight surgeon for the U.S. Air Force, he had a long career as an obstetrician/gynecologist in Boise, during which he delivered thousands of babies. He was a clinical professor with the University of Washington department of obstetrics and gynecology, receiving an Excellence in Teaching award from the university in 1995. He also initiated a continuing medical education program in Ada County, Idaho.

Keith C. Knapp, MD, Res '56, of Chicago, died July 5, 2009. He was a veteran of the U.S. Navy.

Juan S. Morales, MD, Res '56, of Springfield, died Aug. 29, 2008. He served as an anesthesiologist for 35 years at several hospitals, including Holy Cross Hospital in Chicago. He was inducted into the Warren H. Cole Society in 1975. Morales also had a general practice at Choate Hospital in Anna and McFarland Center in Springfield.

Harold P. Schedl, MD, Res '56, of Iowa City, Iowa, died Jan. 31, 2008. He joined the department of internal medicine faculty of the University of Iowa in 1960 and trained more than 21 fellows and six graduate students in the gastroenterology division. He was the recipient of both the Lederle Medical Faculty Award and the Guggenheim, Commonwealth and Macy awards. Schedl was also an ardent researcher who published more than 150 research papers. His most important work was his seminal research on oral rehydration. This revolutionary work, published in *Nature* (1963), provided a significant part of the scientific basis for the current-day, life-saving, simple treatment of diarrheal diseases such as cholera and infantile diarrhea.

Arthur R. Williamson '54, MD, Res '61, of Lincoln, died Oct. 30, 2008. A veteran of World War II, Williamson received his surgical training under the renowned Warren H. Cole, MD, chief of surgery at UIC. A Fellow in the American College of Surgeons, he practiced in his hometown of Lincoln until he retired in 1996. Williamson also served on several civic organizations and was honored as Courier Man of the Year in 1971.

1957

Ronald Shellow '55, MD, of Miami, Fla., died Feb. 19, 2004. He was a psychiatrist and Fellow of the American College of Psychiatrists. Shellow was past president of the Mental Health Association

of Dade County and the South Florida Psychiatric Society. He also served as past speaker of the house and chair of the Joint Commission on Government Relations of the American Psychiatric Association and delegate to the American Medical Association for Psychiatry.

1959

Alexander N. Letko, MD, Res '59, of Schenectady, N.Y., died May 19, 2008. He practiced ophthalmology in his hometown until he retired in 1990. Letko also served as chief of ophthalmology at St. Clare's Hospital for many years. He was a U.S. Army veteran from World War II.

David A. Rothstein '57, MD, MS '59, of Chicago, died Jan. 16, 2008. He was a psychiatrist for nearly 50 years in Chicago, active in the medical community and committed to social justice.

Richard J. Sasseti '57, MD, died June 22, 2008.

1960

William R. McCabe, MD, Res '60, of Virginia Beach, Va., died May 24, 2008. A founding member of the Infectious Disease Society of America, he was a fellow in infectious diseases at U of I in 1958. It was here he made his seminal observations of endotoxin tolerance in humans and helped devise the classic McCabe–Jackson criteria to predict survival of patients with gram-negative bacteremia based on their underlying disease. McCabe was on the faculty of Boston University College of Medicine, the University of New Mexico and Marshall University. He authored 145 publications in peer-reviewed medical journals and was a member of the editorial board of several professional journals.

Janice M. McGowan '50, '58, MD, of California, died June 7, 2006.

Florian F. Sanders '58, MD, of Santa Ana, Calif., died Sept. 29, 2008. A U.S. Army veteran, he was a medical doctor for 47 years.

1961

Paul J. Schmidt, MD, Res '61, of Palos Park, died July 6, 2009. He practiced medicine in his hometown of Palos Park.

James S. Wolf, MD, of Charleston, S.C., died Aug. 6, 2007. In the late 1960s and early '70s, he served as chief of surgery at McGuire Veterans Administration Medical Center in Richmond, Va. During that time, he helped organize the United Network for Organ Sharing, the first group to coordinate organ donations among hospitals. Wolf then served

as professor, chairman of the transplant division and associate dean at Northwestern University Feinberg School of Medicine. In 1986, he founded the Regional Organ Bank of Illinois, now called the Gift of Hope Organ and Tissue Donor Network. He continued to play a national role in the field as an officer of the national network for several years. He retired in 2003.

1963

Thomas H. Pinkstaff, MD, of Lexington, Ky., died April 12, 2009. A longtime Lexington pediatrician, he first served with the U.S. Navy as a general medical officer and later as resident and staff pediatrician at the U.S. naval hospitals in Boston and Great Lakes. Pinkstaff worked in private practice for 26 years until 1995, when he was named medical director of University Child Health Specialists and clinical professor in the department of pediatrics at the University of Louisville's School of Medicine, where he received numerous teaching awards. After retiring in 2001, he continued to teach part-time in the medical schools at University of Louisville and University of Kentucky. In 2007, he was named medical director of the Medical Home for Coordinated Pediatrics in Lexington. During his long career, Pinkstaff was an active member on a wide range of boards, associations and committees.

Martin W. Schaefer, MD, of Colorado Springs, Colo., died Jan. 5, 2008. A cardiologist, he practiced in Colorado Springs and Pueblo, Colo.

1964

Belisario Arias, MD, Res '64, of Burr Ridge, died Feb. 23, 2009.

Edwin John Landherr, MD, of Greenwood, Ariz., died Nov. 11, 2007. He worked as a staff neurosurgeon at Sparks Regional Medical Center from 1988 until 2002, and as a family care physician at AIR Healthcare from 2006–07. During the Vietnam War, Landherr volunteered and served with the U.S. Navy. He also went to Sarajevo in 1992 and 1994 to help with supplies and assist in surgery.

John W. O'Donnell '60, MD, died in July of 2008. He served as a doctor in the U.S. Navy during Vietnam. After leaving private practice, O'Donnell worked as a psychiatrist for Chicago Public Schools until his retirement. He then consulted for Physician's Management until his death.

1965

John E. Randolph '61, MD, Res '69, of Bloom-

ington, died April 4, 2007. After receiving his MD, he completed an internship at Cook County Hospital. He then served as a flight surgeon for the U.S. Air Force for two years and completed a residency in ophthalmology at Presbyterian-St. Luke's Hospital in Chicago. After moving to Bloomington in 1971, he practiced ophthalmology at the Gaily Eye Clinic for 33 years. He was a member of the Calvary United Methodist Church, Lincoln College Board of Trustees and Royal Order of Jesters.

Franklin Stroud, MD, of Washington, D.C., died May 26, 2008. A prominent pediatrician in Washington, Stroud had practiced medicine for more than 35 years.

1966

John A. Kozak, MD, Res '66, of Elk Grove Village, died Nov. 1, 2008. He was the founder of Northwest Urological Associates of Arlington Heights, past president of the medical and dental staff at Alexian Brothers Medical Center and on staff at Alexian Brothers and Northwest Community hospitals. An Army veteran, Kozak was named in 1974 Doctor of the Year at Alexian Brothers.

1968

Eugene C. Wittenstrom, MD, Res '68, of St. Charles, died Sept. 11, 2008. He began his career in the U.S. Air Force as chief of orthopaedics at Elgin Air Force Base in Ft. Walton Beach, Fla. In 1973, he founded the Fox Valley Orthopaedic associations in Elgin and now in Geneva and Naperville. Certified by the American Board of Orthopaedic Surgery, Wittenstrom was a member and chairman of several committees for the American Academy of Orthopaedic Surgeons and served on the Board of Councilors for six years.

1969

Steven M. Dosick '65, MD, FACS, of Evanston, died Jan. 24, 2008. He practiced vascular surgery for 35 years in Toledo, Ohio, before retiring in 2006. He served both nationally and locally in many leadership positions, including president of the Peripheral Vascular Surgery Society, medical director of VeinSolutions, associate director of Jobst Vascular Center and president of Toledo Vascular Institute.

1970

Steven R. Rogosin, MD, of Salem, Ore., died Oct. 24, 2007. After serving in the U.S. Army Medical Corps during Vietnam, he practiced medicine at the Doctors Clinic for 31 years.

1973

J. Eugene Alexander, MD, Res '73, of Charlotte, N.C., died March 6, 2008. Following his orthopaedic residency, he became the first African-American orthopaedic surgeon in Charlotte. Alexander retired in 2005 after 30 years of medical practice.

1978

Gordon Eckerling '74, MD, Res '81, of Irvine, Calif., died Jan. 17, 2008.

Steven M. Moser, MD, Res '78, of Maui, Hawaii, died March 13, 2005. A physician and kidney specialist, he was the former chief medical officer at Maui Memorial Medical Center and a community activist.

1979

Jerry Wozniak, MD, Res '85, of Hoffman Estates, died June 18, 2008. He was a veteran of the Vietnam War.

1984

Kenneth L. Piest '78, MD, of San Antonio, died Oct. 5, 2007. An ophthalmic plastic and reconstructive surgeon, he launched a private practice in 1995 and served as an ophthalmological consultant for the Neurofibromatosis Group and craniofacial clinics in San Antonio. He also served as director for ophthalmic care for Facial Anomalies Clinic and Extended Services, a nonprofit organization that helps children with complex craniofacial disorders. Piest received training in craniofacial and pediatric ophthalmology at the Children's Hospital of Philadelphia.

1985

Robert J. Butts, MD, Res '87, of Alameda, Calif., died July 18, 2008. He was a beloved pediatrician in Alameda and was voted "Best Physician of Alameda" by *Alameda* magazine.

1996

Charles E. Warnell, MD, Res '99, of Kankakee, died July 13, 2008. He worked at Riverside Medical Center East Court Clinic in family practice and was a staff physician at Provena St. Mary's Hospital in Kankakee. He also served on the board for Hospice of Kankakee Valley and was a dedicated champion for palliative care medicine. His interests also included women's health and pediatrics. While a student in Chicago, Warnell worked with the Chicago Area Health and Medical Careers Program, a mentoring program dedicated for high school students pursuing medical careers.

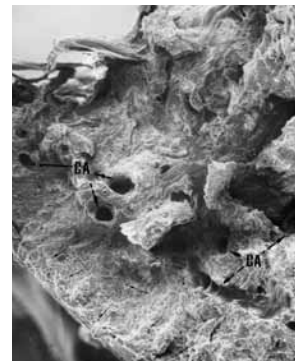


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Maria Ikenberg Lindberg at work and with her husband, Hans Lindberg, and examples of her medical images



Maria Ikenberg Lindberg was a pioneering scientific photographer—

a rarity as a woman in her field—who illustrated the hidden secrets of the ear, nose and throat for the department of otolaryngology for more than three decades.

When she died in 2006 at age 99, she bequeathed \$250,000 to the university, in addition to the encyclopedic collection of medical images that are her legacy.

Some of her bequest supported the organizing and archiving of the department's historical papers and photos as it celebrated its 150th year. The bequest also will support research and education in new and refurbished laboratories and teaching spaces, including the Bhatt Surgical Training Lab, the Galter Temporal-Bone Lab and the Torak Vestibular Lab.

"The department was deeply honored and touched by this generous gift," says J. Regan Thomas, Francis L. Lederer Professor and head of otolaryngology. "Maria's superb visual images brought the department world renown, helping to build and enhance our educational and medical mission."

Lindberg, known as Maria Ikenberg during her years at UIC, joined the department in 1939 after emigrating from her native Germany, where she had trained in technical photography at the AGFA and Leitz factories.

Photographers of that era needed extensive knowledge of the chemistry and physics of photography, says Chet Childs, the department's current scientific photographer. At a time when few women had professions, Lindberg augmented mastery of her craft with training in anatomy and histology.

At UIC, she became the assistant to Francis Lederer, MD, the longtime otolaryngology chairman who built the department into a world leader.

"Otolaryngology is about poking into deep, dark corners," says Eugene Tardy, MD, Res '67, professor of clinical otolaryngology. "Lederer built a department that would bring images of the eardrum, the larynx and the lung to light, in the process making UIC the leader in teaching, archiving and publishing in the science of otolaryngology."

Lindberg worked with otolaryngology colleagues Joseph and James Brubaker and Paul Hollinger to create one of the first successful clinical endoscopic cameras. "It was a huge, very cumbersome camera with a small flexible tube that used enormous flashbulbs to give off enough light," Tardy recalls. "Maria would spend hours on each image, using filters, colors and all her technical mastery to sharpen and perfect the image and create an ideal teaching tool. She set a standard for excellence that few can measure up to."

Meet the Class of 2009

by Lisa Haufschild



CHICAGO

The first in her family to attend college, **Veronica Tirado, MD '09**, worked as a hospital research assistant while a psychology undergraduate at the University of Chicago. Finding she loved interviewing and interacting with patients convinced her to pursue medical school.

UIC's Hispanic Center of Excellence helped her with the application and interview process. "They worked with me on my personal statement, coached me for my interview and connected me to a summer fellowship after my first year," Tirado says. This support inspired her to give back: Tirado spent up to six hours a week tutoring a group of three M2 students preparing for the STEP1 exam.

Tirado discovered a love of surgery during her clinical clerkship and now is a general surgery resident at UIC. "I'm excited by the hands-on experience and the chance to problem-solve in a fast-moving environment," she says.



PEORIA

When her grandmother died in Nigeria of a stroke in 2004, the path in medicine was set for **Chiebonam Chigoziem Ezeokoli '05, MD '09**. "There was no healthcare nearby to help her. I want to be a part of changing that," she says.

While earning her bachelor of science in community health at UIUC, Ezeokoli volunteered in community day care centers and tutored young children. During medical school, she led the Peoria campus chapter of the Student National Medical Association, organizing health fairs and blood drives for underserved communities around Peoria. She also is active in the Nigerian American Public Professionals Association, a group combating HIV/AIDS in African and African-American communities.

Ezeokoli now is a resident in anesthesiology at Northwestern Memorial Hospital, and dreams of starting a program to recruit medical students to do mission rotations in Nigeria. She envisions her own career in critical or intensive care somewhere in the U.S.—and Nigeria.



ROCKFORD

John Plescia '04, MD '09, has prepared well for the role of rural family physician. Out of his class of 50, Plescia was one of 15 students in the Rural Medical Education Program who upon completing their residency will locate and practice in rural Illinois as primary care physicians.

During his family medicine preceptorship in Oregon, Plescia conducted a pedometer study researching severe obesity and diabetes problems in the area, and walked alongside many of the participants. "I enjoyed talking to the patients and realized that hearing their stories gave me a better sense of what they need medically," he says.

Now a resident in family medicine at Rockford's SwedishAmerican Hospital, Plescia has a personal affinity for his specialty. While he was in medical school, he and his wife, Trisha (also a 2004 UIUC graduate), had two children. "Having kids in medical school made me more efficient," he says. "I didn't have six hours to study, so I did it in two or three."



URBANA

Everything **Erik Antonsen '97, MS '01, PhD '04, MD '09**, accomplishes takes him one step closer to a childhood dream most only imagine—becoming an astronaut. As a member of UIUC's combined MD/PhD Medical Scholars Program, he continued the path of his undergraduate and master's degree studies by earning his doctorate in aeronautical and astronautical engineering, literally making him a rocket scientist.

Antonsen also completed NIH-funded HIV research in Zambia in 2007 as a Fogarty International Center Clinical Research Scholar and made three mission trips to Ecuador to volunteer in public hospitals. Among his many awards, his medical school peers selected him for the Gold Humanism in Medicine Honor Society.

Now a resident in emergency medicine at Brigham and Women's Hospital in Boston, Antonsen hopes his preparations will distinguish him from the thousands of astronaut applications NASA receives, and make him one of the 10 to 20 mission candidates the space program selects every three to four years.

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A large photograph of graduates in black gowns and caps with colorful stoles, seated in rows during a commencement ceremony.

Commencement

Members of the College of Medicine's Class of 2009 received their MD degrees during the annual commencement ceremony, held in May in the UIC Pavilion. **Chicago Mayor Richard M. Daley** delivered the commencement address.

