Ward Rounds’ new online issue launches March 8.

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Confronting Concussions

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Unlocking Health Disparities

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The Northwestern Juvenile Project is a longitudinal study that has followed more than 1,500 delinquent youth since the '90s.
Message from the Interim Dean

On January 1, 2011, I became interim dean of Northwestern University Feinberg School of Medicine. In this role I see myself leading Feinberg forward in achieving current goals and completing ongoing projects. In this way we can maintain our progress in research and educational innovation, and we can continue to attract outstanding and diverse students to our medical school. Doing this in the current extramural funding environment and with the uncertainties posed by healthcare reform and the general economy will be challenging. Maintaining our emphasis on alignment, innovation, and impact as articulated by former Dean J. Larry Jameson will help us but will not, in my opinion, be enough. We will need to be prepared to make difficult choices guided by our strategic priorities while finding creative ways to maintain excellence that is broad and not just localized in a handful of priority areas. We will need to draw on our tradition of collaboration so as to fully leverage the extraordinary talent available here.

Perhaps our greatest opportunity is Northwestern Medicine, the strategic vision we share with Northwestern Memorial Hospital and the Northwestern Medical Faculty Foundation to elevate our collective enterprise into one of the country’s elite academic medical centers. While this concept and the entity it envisions are still evolving, I believe we all agree that to be a great academic medical center we must do several things. Clearly, we must continue to provide the superb quality of medical care that we are known for. I have no doubt that we will do that. While necessary, however, that is not sufficient. Academic medical centers must also distinguish themselves by their ability to generate new knowledge (i.e., research) and then impart that knowledge to students (i.e., educate). I submit that it is the degree to which we are able to take questions and ideas and turn them into insights that will ultimately define how successful we will be in achieving the tremendous promise of Northwestern Medicine. Impatience with the status quo and the ability to apply science of all types to preventing and curing disease, whether by direct application or by education are, after all, attributes that distinguish truly great academic medical centers.

I have held positions with the medical school at Northwestern University for more than half of my professional career. Even in my most recent role as president and CEO of the Northwestern Medical Faculty Foundation, I held a Feinberg appointment as vice dean and chief academic officer. I am deeply committed to the school’s continued success and I am pleased to be able to help lead Feinberg and our outstanding faculty, staff, and students as interim dean during the search for a successor to Larry Jameson.

Sincerely,
Jeff Glassroth
Interim Dean
Northwestern University Feinberg School of Medicine

Just six years ago, Ward Rounds made a big change from black and white to four-color photography. This year with the transition to more online content, we felt we could benefit from another update to the magazine’s design. Responding to alumni feedback from a survey in the summer issue that content was hard to read, we decreased the story length, increased the size of the type, and added more white space overal, providing more room for visuals and different ways to help readers navigate through each story.

We also wanted to give the cover of the magazine a more contemporary look and feel. Retaining the magazine’s well-recognized name – Ward Rounds – for the past 28 years was critical, but we changed the typeface and created a new masthead. Illustrations haven’t been used in our history blog (we need your help to name the blog), written by Special Collections Librarian Ron Sims from the Galter Health Sciences Library. We hope you will respond to Ron’s posts and suggest ideas for future topics.

To make the magazine more interactive and to open a dialogue with alumni, we have provided opportunities for readers to comment on feature and other stories.

Online Version
The number of individuals who access Ward Rounds online has continued to grow over the past year. Since we do not mail hard copies outside the United States due to postage costs, it is one way our alumni and other interested parties living in other countries can stay updated on the school’s activities and progress. We have had individuals from 75 different countries access the magazine through the web. For the summer issue, we had 5,000 people view at least some of the Ward Rounds content online.

Many alumni told us they would access the online-only versions of the magazines two times a year, although others said they prefer to enjoy the experience of reading a print publication at home in a more leisurely setting. When asked what elements they’d like to see online, 55 percent asked for video and 25 percent for a blog. As a result, we will try to include video or audio podcasts in each issue and have launched our very own history blog (we need your help to name the blog), written by Special Collections Librarian Ron Sims from the Galter Health Sciences Library. We hope you will respond to Ron’s posts and suggest ideas for future topics.

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The Alpha Omega Alpha (AGA) medical honor society recently welcomed its newest members from Northwestern University Feinberg School of Medicine. Inductees included medical students, residents, and faculty, as well as an alumnus — each selected for their academic performance or contributions to the medical field.

“Membership in the society is a lifelong honor that confers recognition of a physician’s dedication to the profession,” says John P. Flaherty, MD, councilor of the AGA Illinois Gamma. “AGA members include a highly distinguished group of physicians, both from Northwestern and nationwide,” says Haywood. “The opportunity to be listed alongside these distinguished physicians is a great honor.”

Along with Haywood, the following 27 undergraduate medical students were inducted into AGA: Leah Abras, John Boyle, Sarah Clark, Robert Eilers, James Flaherty, Daniel Fuchs, Haley Goucher, Julia Hubert, Jennifer Kaplan, Ashley Keyes, Kathryn Kinner, Sara Kleienschmidt, Jill Larson, Jozef Mural, Claire O’Connell, Megan Pirigyi, Christy Pomerantz, Kavitha Ranganathan, Enika Reid, Lina Rodriguez, Alexander Sandhu, Blayne Sayed, Emily Schwartz, Ami Shah, Lakshmi Sridharan, Tianyi Wang, and Kali Zheu.

Three residents – Clara J. Schroedl, MD – were also inducted, along with faculty members, William J. Catalona, MD, professor in the Department of Urology, and James J. Paparello, MD, associate professor in the division of Nephrology/Hypertension.

“For Paparello, induction into AGA is a humbling honor and recognition of his efforts during his tenure at Feinberg,” says Flaherty. “I think that one of my strengths as an educator is that I remember well what it was like to be a student; I believe that empathy helps me to work with these learners,” Paparello says. “I would be happy only practicing nephrology, but the interactions with students at an academic institution like Feinberg have provided a cherished and invaluable experience.”

“The military would like to offer wound-soldiers the opportunity to return to service in some capacity,” says Fatone, adding that service personnel have higher expectations for post-amputation function since they are generally young and in excellent health prior to their injury.

The Northwestern University Prosthetics-Orthotics Center (NUPOC) recently moved from two floors in Rehabilitation Institute of Chicago to 680 North Lake Shore Drive. The new location will allow for greater cross-fertilization between the education and research arms of the center, which has completely absorbed the Northwestern University Prosthetics Research Laboratory.

“During the past few years, we’ve made progress operationally and administratively toward greater integration between our two missions,” says Steven Gard, PhD, research associate professor in the Feinberg School of Medicine Department of Physical Medicine and Rehabilitation (PMR) and executive director of NUPOC. “We’re excited about the opportunities that will occur as a result of increased communication between our research and teaching faculty.”

Moving forward, Gard visualizes all NUPOC faculty having some level of involvement in both education and research efforts. “Ideally, educators will help steer research, since they are current with clinical practice. By doing so, NUPOC educators influence the direction of our research program, while staying informed about cutting-edge research,” he says.

Gard serves as director of the center’s Jesse Brown Veterans Affairs Chicago Motion Analysis Research Laboratory, the hub for most of NUPOC’s research. The newly designed and equipped lab uses advanced technology to characterize human movement.

“The Motion Analysis Lab contains complex systems for measuring pressure, effort, and force as they relate to standing, walking, reaching, and grasping, and the corresponding utilization of prosthetics and orthotics devices for these activities,” says Gard. “It’s really at the heart of our research activity.”

While the center performs dozens of studies simultaneously, all of its research aims to achieve one of two objectives: to better understand how prostheses and orthoses assist human movement; or to improve technology to increase functionality for people with prostheses and orthoses.

Returning Farmers to the Fields

One NUPOC study attempts to assess and respond to the unique prosthetic needs of farmers and ranchers. Working with the National AgrAbility Project, Gard and co-principal investigator Stefania Fatone, PhD, research assistant professor of PMR, aim to provide disabled farmers and ranchers with more independence and the ability to return to work.

“Farmers and ranchers suffer a great deal of accidents, yet they remain an underserved group due to their geographic isolation and need for durable limbs that can withstand weather conditions and chemicals,” Gard says.

Now in the early stages of the five-year grant, NUPOC researchers Kathy Waldera, MS, and Craig Heckelthorne, MS, are gathering information to identify the major issues for this demographic, such as: Are different prostheses needed for farm versus city use? How are farmers’ current prostheses breaking or failing?

A Better Prosthesis for Injured Soldiers

The center recently embarked on a new United States Department of Defense (DOD)-funded grant that aims to further the development of more functional prostheses for highly active above-the-knee amputees. Current prosthetic socket designs encase the hip joint and portion of the pelvis, limiting range of motion at the hip and compromising comfort.

“The military would like to offer wound-soldiers the opportunity to return to service in some capacity,” says Fatone, adding that service personnel have higher expectations for post-amputation function since they are generally young and in excellent health prior to their injury.

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Jeff Glassroth, MD, Named Interim Dean

Jeff Glassroth, MD, became interim dean of Northwestern University Feinberg School of Medicine on January 1, 2011.

Dr. Glassroth has been president and chief executive officer of the Faculty Foundation, the 700-member faculty practice of Feinberg, since January 2010. He also holds the administrative roles of vice dean and chief academic officer for Feinberg.

J. Larry Jameson, MD, PhD, most recently vice president for medical affairs and the Lewis Landsberg dean at the medical school, accepted the position of executive vice president and dean of the school of medicine at the University of Pennsylvania beginning July 1, 2011. He will continue to serve as vice president for medical affairs and dean emeritus after January 1, 2011.

“I am very pleased that Dr. Glassroth has agreed to serve as interim dean for Feinberg,” said Northwestern University President Morton Schapiro. “He and Dr. Jameson will work closely during this transitional period, and I’m confident that Dr. Glassroth will provide strong leadership for the medical school, as he has for the faculty foundation, while Dr. Jameson will continue to participate in strategic planning for Feinberg and the University.”

Dr. Glassroth first joined what was Feinberg in 1981 as an assistant professor of medicine. He was later promoted to professor of medicine and the Gilbert H. Marquardt Professor of Internal Medicine. He went on to become vice chair in the department of medicine and associate dean for clinical/academic affairs.

After Dr. Glassroth left Northwestern in 1995, he held department chairs at the Allegheny University of the Health Sciences (now known as Drexel University College of Medicine) in Philadelphia, Pa., and the University of Wisconsin School of Medicine in Madison, Wis. Before rejoining Northwestern in 2007, he was vice dean and professor of medicine at Tufts.

Dr. Glassroth’s research interests relate to lung infections, particularly tuberculosis. He has focused on the prevention, diagnosis, and general epidemiology of lung infections including those related to HIV infection. He has authored numerous publications and also is co-editor of a major textbook on lung infections and a co-editor of Baum’s Textbook of Pulmonary Medicine. A search committee for the new dean of Feinberg was formed in December 2010.

Faculty Awards

Marsel Mesulam, MD, Dunbar Professor of Neurology and Psychiatry and director of the Cognitive Neurology and Alzheimer’s Disease Center at Northwestern University, received The Alzheimer’s Association’s 2010 Bengt Winblad Lifetime Achievement Award for his “extraordinary achievements in advancing Alzheimer research.” Dr. Mesulam, whose work on cholinergic pathways has been groundbreaking in understanding Alzheimer’s, was honored during the 2010 International Conference on Alzheimer’s Disease.

Ann Carias, a graduate student in the laboratory of Dr. Thomas Hope, was one of 41 Feinberg faculty/staff to submit images to the Northwestern University Scientific Images Contest. Carias, who is studying how HIV influences immune cell distribution and the effects of hormonal treatment, took third place with her colorful image of cervical tissue that had been exposed to HIV. Before exposure, the tissue was treated with Depo Provera, a drug known to thin the epithelial layer. Green areas depict cervical tissue. The bright pink tissue was treated with Depo Provera, which takes third place with its colorful image of cervical tissue. The bright pink tissue was treated with Depo Provera, which takes third place with its colorful image of cervical tissue.

Faculty Awards

Article Title: Faculty Awards

Written By: MARRANT PAUL

National Children’s Study Launches in Chicago

Why are so many babies born prematurely? Why do so many American children suffer from asthma, autism, obesity, behavior disorders, and other health problems? Greater Chicago-area families have a unique opportunity to help better understand and prevent these conditions by participating in the National Children’s Study (NCS).

Starting in November, the National Children’s Study-Greater Chicago Study Center, which includes Northwestern University Feinberg School of Medicine, the University of Illinois at Chicago, the University of Chicago, and the National Opinion Research Center, began enrolling Chicago-area pregnant women.

“We are never going to be able to effectively prevent childhood health conditions until we fully understand how and what contributes to them,” said Hall, the principal investigator of the study.

The National Children’s Study-Greater Chicago Study Center is one of 105 National Children’s Study locations around the United States.

More than 100,000 children, representative of the entire population of American kids, will be studied.
Article Title: **Why Estrogen Makes You Smarter**

Estrogen is an elixir for the brain, sharpening mental performance in humans and animals and showing promise as a treatment for disorders of the brain such as Alzheimer’s disease and schizophrenia. But long-term estrogen therapy, once prescribed routinely for menopausal women, is now quite controversial because of research showing it increases the risk of cancer, heart disease, and stroke.

Northwestern Medicine researchers have discovered how to reap the benefits of estrogen without the risk. Using a special compound, they flipped a switch that mimics the effect of estrogen on cortical brain cells. The scientists also found how estrogen physically works in brain cells to boost mental performance.

When scientists activated an estrogen receptor, they witnessed a dramatic increase in the number of dendritic spines, the tiny bridges that enable the brain cells to talk to each other.

“We created more sites that could allow for more communication between the cells,” said lead investigator Deepak Srivastava, research assistant professor in neuroscience at Northwestern University Feinberg School of Medicine. “We are building more bridges so more information can go from one cell to another.”

Previous research has shown an increase in dendritic spines improves mental performance in animals. In humans, people who have Alzheimer’s disease or schizophrenia often have a decrease in these spines.

Next, Srivastava said, he wants to further identify the key molecules involved in the dendritic spine production and target them in the same way as the estrogen receptor in order to ultimately be able to treat schizophrenia and other mental disorders.

**Article Title:** **Soy May Stop Prostate Cancer Spread**

Soy is being used in the lab of Raymond Bergan, MD, the director of experimental therapeutics at the Lurie Cancer Center, to inhibit prostate cancer cells from becoming metastatic and spreading to other parts of the body. So far the cancer therapy drug has worked in preclinical animal studies and now shows benefits in humans with prostate cancer.

A recent phase II randomized study of 38 men with localized prostate cancer found that genistein, when given once a day as a pill, one month prior to surgery, had beneficial effects on prostate cancer cells.

“The first step is to see if the drug has the effect that you want on the cells and the prostate, and the answer is ‘yes, it does,’” said Bergan, a professor of hematology and oncology at Northwestern University Feinberg School of Medicine and a physician at Northwestern Memorial Hospital. The next step is to conduct another phase II study to see if the drug can stop the cancer cells from moving into the rest of the body. If confirmed, this could be the first therapy for any cancer that is non-toxic and targets and inhibits cancer cell movement.

Researchers at the Robert H. Lurie Comprehensive Cancer Center of Northwestern University have found that a new, nontoxic drug made from a chemical in soy could prevent the movement of cancer cells from the prostate to the rest of the body.

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**Article Title:** **Patients Experiencing Myocardial Infarctions Not Receiving Enough Beta Blockers**

For nearly 40 years drugs known as beta blockers have been proven to increase patients’ survival prospects following a heart attack. In a breakthrough study released in the American Heart Journal, Northwestern Medicine cardiologist Jeffrey J. Goldberger found the majority of patients are frequently not receiving a large enough dose of these drugs, which can put their recovery from heart attacks and overall health into peril.

“Only 46 percent of patients studied were taking 50 percent or more of the target dose of these drugs, which can put their recovery from heart attacks and overall health at risk,” Goldberger said.

Still, over half the patients were taking more than 50 percent of the target dose at discharge, but over half the patients were not taking the target dose at 38 weeks. “We found that genistein, when given once a day as a pill, one month prior to surgery, had beneficial effects on prostate cancer cells.”

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Chicago Bears linebacker Hunter Hillenmeyer, MBA '10, did not want to remain on injured reserve for the entire 2010 football season, causing him to miss the recent NFC Championship game against the Green Bay Packers. Five years ago, if he had sustained the same injury, he most likely would not have.

Hillenmeyer suffered a concussion during a preseason game against the Arizona Cardinals. He passed all required medical tests and returned to play in the team's season opener against Detroit, but was removed at halftime because he felt lingering symptoms from his injury. Bears' head coach Lovie Smith and the team's doctors then decided it was in the linebacker's best interest to sit out the remainder of the year.

"It was difficult for me to hear because I love playing football, but I respected their decision," Hillenmeyer says.

The caution taken by the team with regard to Hillenmeyer's concussion marks a shift in the National Football League (NFL)'s attitude.

Once seen as a relatively mild injury in a world of blown kneecaps and separated shoulders, recent research about the long-term effects of chronic head trauma, coupled with high-profile coverage of football players suffering—and dying, sometimes by their own hand—from symptoms now associated with the disease, has encouraged the organization to rethink its approach.

Hunt Batjer, MD, Michael J. Marchese Professor of Neurological Surgery and chair of the Department of Neurological Surgery at Northwestern University Feinberg School of Medicine, co-chairs the committee charged with understanding the long-term effects of concussions and providing treatment recommendations to the league.

The NFL named Batjer and Richard G. Ellenbogen, MD, chairman of Neurological Surgery at the University of Washington School of Medicine, co-directors of its Head, Neck and Spine Medical Committee in March 2010.

As co-chair, Batjer assists the NFL with its role in the research, education, prevention, and treatment of head and
Spinal injuries in sports.

“I take this responsibility very seriously and find it a great fit, joining my passion for neuroscience and athletics,” he says.

An athlete who attended the University of Texas on a baseball scholarship and was drafted as a pitcher by the Baltimore Orioles, Batjer emphasizes the importance of sports, especially for youth, and says that the Committee will have an impact on all levels of play.

“Athletics provide enormous value to our young people and our society. Kids learn things on the field that they cannot be taught by parents or teachers, which set them on a course for a successful life,” he says. “Our goal is to make sure that collision sports are made as safe as possible.”

Sobering Statistics
Stepping into his new role, Batjer immediately faced questions regarding the latest research on the long-term effects of chronic head trauma. What that research indicates is sobering.

Studies at the University of North Carolina and Boston University show a link between repeated head trauma in athletes and the development of degenerative neurological diseases, including dementia and Alzheimer’s, as well as mood disorders such as clinical depression.

A September 2009 survey conducted by the NFL found that former players are diagnosed with Alzheimer’s or a similar, memory-related disease at a rate 19 times that of non-players.

A Purdue University study of high school athletes found that players receive up to 1,800 hits to the head per season (practice and games). A number of head injuries go undiagnosed every year because they do not rise to the level of clinical identification.

Partially because of these findings, the NFL assigned Batjer and his team the task of creating a poster to educate players about concussions. It blatantly outlines the risks associated with head trauma and lists the commonest types – and treatments – of brain injury. It replaces a pamphlet the NFL previously distributed, which some say downplayed the dangers. The committee created a similar poster for high school athletes.

Hillenmeyer, who has sustained multiple concussions, says the poster has made an impact in the locker room.

“What’s good is that they’re making people aware of the risks,” he says.

The NFL has implemented a growing group of measures within the last few years to improve head injury management. For instance, in 2009, the NFL made the definition of “concussion” much less restrictive.

“In the late ’80s, a concussion was defined as a loss of consciousness,” Batjer says. “It’s really, less than 10 percent of concussions actually result in a loss of consciousness. Now, the NFL’s definition is much more conservative. Symptoms include headache, dizziness, and disorientation.”

Near the end of the same season, the organization strengthened several of its rules regarding concussion management, including the requirement that players with brain injuries not return to the same game or practice until they have been cleared by an independent expert. In October 2010, the NFL announced that it would suspend players, even first-time offenders, for helmet-to-helmet hits.

Charting a New Course
While these measures have helped, much work still remains to fully understand and minimize the damage caused by severe head trauma. To that end, Batjer and Ellenbogen have formed six subcommittees to look into specific areas.

The Subcommittee on Standards/Designs and NFL Rules will coordinate on-field testing of new equipment and will work with engineers and experts from the Department of Defense, NASA, and the Indy 500 among others, on equipment design.

The Subcommittee on Return to Play will make recommendations on return-to-play rules (currently players take a baseline cognitive test at the season’s start and cannot return after an injury until they perform at the previous level) and communication about head injuries on the field.

A Subcommittee on Advocacy and Education will disseminate information about the known effects, symptoms, and treatment of concussions to players at all levels.

Currently, the committee is advocating for passage of the Zach Lysedt law in all 50 states. Named for an injured high school football player, the law sets new return-to-play rules for student athletes and educates players and parents about brain and spine injuries.

The Brain and Spine Injury Research Subcommittee will commission novel research about equipment testing, and the relationship between impacts and concussions.

Two subcommittees will focus on answering the fundamental question: Does cognitive damage depend on the severity of impact or the number of injuries?

The Subcommittee on Former Players Long-Term Effects of Brain and Spine Injury will complete a meta-analysis of information regarding neurological function, management and protection of players from concussions and eliminate chronic traumatic encephalopathy within 20 years,” he says.

More immediately, Batjer says teams and fans will see a reduction in the number of players willing or able to return to a game following a hard hit. “The game will change a bit as the players adapt to the culture of proper management of brain and spinal injuries and recognize that you do not play through injuries of this type, you play through injuries to soft tissues and joints,” he explains.

All of this comes as good news to athletes like Hillenmeyer, an active football player since the fourth grade. The linebecker, who plans to donate his brain to the Boston University Center for the Study of Traumatic Encephalopathy upon death, has pushed for more information about concussions after educating himself about their possible long-term effects.

“Most guys think maybe they’ll have a bum knee or a bad ankle when they’re older but, beyond that, they’d be fine,” he says. “Now we’re learning there might be some long-term impact on our cognitive function, and no one can say for sure if it will happen to you. That’s scary and there are a lot of answers we still have to figure out.”

HUNTER HILLENMEYER TALKS WITH HEAD ATHLETIC TRAINER, TIM DREAM, ON THE TEAM'S EFFORTS IN EVALUATING THE LINEBACKER'S RECOVERY FOR PLAY.
In The Know

The Northwestern University Comprehensive Transplant Center Launches

Led by Michael Abecassis, MD, MBA, Roscoe Miller Distinguished Professor, professor of surgery and microbiology-immunology, and dean for clinical affairs — includes a wide range of collaborative and multidisciplinary activities at the University and Northwestern Memorial Hospital.

Feinberg Develops the Center for Education in Medicine

Guided by interim director Raymond Curry, MD, dean for education, the center acts as an intellectual community to foster innovative approaches to education, develop external support for educational research and scholarship, and showcase the medical school’s innovations in medical education throughout the world.

The Department of Preventive Medicine

Donald Lloyd-Jones, MD, became department chair.

First Orthopaedic Surgeon Orbits the Earth

Robert Satcher embarked on a NASA mission to help repair two robotic arms on the exterior of the International Space Station.

Northwestern Medical Faculty Foundation

Jeff Glassroth named President and CEO.

Revamping the Medical School’s Curriculum Began

The large number of changes in medicine, health care, and education over the past 20 years triggered the curriculum renewal project, which is scheduled for implementation during the 2012-13 academic year.

Northwestern University Medical Scientist Training Program

Warren A. Tosteson was appointed Associate Director.

Northwestern Lake Forest Hospital

Acquired by Northwestern Memorial HealthCare.

The Institute for Healthcare Studies

Jane L. Holl, named Director.

The Physician Assistant Program Began with First Class of Students

The Department of Family and Community Medicine started a two-year graduate program that awards students a Master of Medical Sciences degree.

Jeff Glassroth, MD

Named interim dean of Northwestern University Feinberg School of Medicine

Northwestern Lake Forest Hospital

Emergency medicine residents began rotations.

Radiation Oncology Residents Visit International Space Station

Students enjoyed the trip of a lifetime and gained lifelong perspective on the importance of medical care in space.

Continuing Medical Education

Northwestern University offers an expanded and renewed CME calendar. Visit cme.northwestern.edu for a comprehensive list of programs.

Medical Education

Approximately one of every five applicants to United States medical schools for the 2010-11 academic year applied to Feinberg. The 170 members from the Class of 2014 prove the medical school’s most diverse group to date.

Physician Assistant Program

The Department of Family and Community Medicine’s first class of Physician Assistant (PA) students totals 30 members.

Continuing Medical Education

In 2009, 44,000 physicians and healthcare professionals attended one or more of the 218 accredited programs offered by the Office of Continuing Medical Education (CME). CME attracts participants nationally—offering activities on the latest clinical and research advances through regularly scheduled series (such as grand rounds), local seminars, national symposia, and distance learning programs (like monographs, web-based programs, and journals). Visit cme.northwestern.edu for a comprehensive list of programs.

Scholarship Giving

Through alumni giving and other generous sources, nine new scholarships were established, which allow the medical school to continue to recruit the best and brightest students.

$1.98 million

SCHOLARSHIP GIVING

2009 2010

$2.4 million

$2.4 million

THE KNOW

Katie Costello
New Training Sites
A new relationship was forged with Lake Forest Hospital which became Northwestern Lake Forest Hospital when it was acquired by Northwestern Memorial HealthCare on February 1, 2010. Emergency medicine residents began rotations there in early 2011. To offer more diverse training, the medical school secured three new emergency medicine residency positions at Methodist Hospital. MacNeal Hospital was also added as an important experience for general surgery residents – highly complementary to their training at NMH. Finally, Norwegian American Hospital and Erie Family Health Center were developed as the primary training sites for McGaw’s new residency program in family medicine.

Jane L. Hall, MD, MPH, was named director of the Institute for Healthcare Studies in May 2010. In this role, Hall continues the Institute’s mission to promote, coordinate, and originate multidisciplinary and multi-departmental health services, outcomes research, and education to improve safety, equity, quality, and policy in healthcare.

Donald Lloyd-Jones, MD, became chair of the Department of Preventive Medicine in November 2009. Lloyd-Jones joined the medical school in 2004 and was previously an associate professor of medicine and preventive medicine.

Warren G. Tourtellotte, MD, PhD, associate professor of pathology, neuro- and neuroscience, was appointed associate director of the Northwestern University Medical Scientist Training Program (MSTP) in February 2010. He joined Feinberg in 2000 and has since served in leadership roles, including director of the Northwestern Translational and Targeted Mutagenesis Laboratory and director of the Northwestern Research Histology and Phenotyping Laboratory.

Major Faculty Achievements
H. Hunt Batjer, MD, Michael J. Marchese Professor of Neurological Surgery and chair of the Department of Neurological Surgery, was named co-chair of the National Football League Head, Neck and Spine Medical Committee.

Bechara Choucair, MD, adjunct as- sociate professor in the Department of Family and Community Medicine, was appointed by Mayor Richard M. Daley to commissioner of the Chicago Department of Public Health.

Patricia Garcia, MD, MPH, associate professor in the Department of Obstetrics and Gynecology, was appointed to the Presidential Advisory Council on HIV-AIDS.

Melina Klöbe, MD, GME ‘93, associate professor in the Department of Surgery, was honored with the Presidential Early Career Award for Scientists and Engineers – the highest honor given by the U.S. government to outstanding scientists and engineers who have recently begun their independent research careers.

Robert Satcher, MD, PhD, assistant professor in the Department of Ortho- paedic Surgery, became the first ortho- paedic surgeon to orbit the earth when he embarked on a NASA mission in November 2009 to help repair two robotic arms on the exterior of the International Space Station.

State and National Rankings
U.S. News & World Report
The medical school moved up one spot to No. 18 in the 2010 U.S. News & World Report Best Research Medical School rankings.

In 2010, the Rehabilitation Institute of Chicago received top billing as the Number One rehabilitation hospital in the country and has held this position for 20 straight years, a first for any specialty hospital.

Children’s Memorial Hospital was named one of the top 30 Best Children’s Hospitals in nine pediatric specialties. The hospital ranked among the top 10 in five pediatric specialties, including cancer (10), gastroenterology (10), kidney dis- eases (10), neurology/neurosurgery (10), and urology (8).

Northwestern Memorial Hospital ranked in 12 clinical specialties, including cancer (27), diabetes and endocrine dis- orders (23), digestive disorders (22), ear, nose and throat (27), geriatric care (27), gynecology (14), heart and heart surgery (14), kidney disorders (34), neurology and neurosurgery (13), orthopaedics (22), rheumatology (16), and urology (26).

Rankings in the areas of ear, nose and throat (23), digestive disorders (22), and gynecology (14) contributed to Northwestern Memorial Hospital ranking in 12 clinical specialties, including cancer (27), diabetes and endocrine dis- orders (23), digestive disorders (22), ear, nose and throat (27), geriatric care (27), gynecology (14), heart and heart surgery (14), kidney disorders (34), neurology and neurosurgery (13), orthopaedics (22), rheumatology (16), and urology (26).

Major New NIH Awards
Feinberg received $346.2 million in research awards in fiscal year 2010, with 83 investigators each holding more than $1 million in grants — the largest number to date. Total grant awards increased by 17 percent, including more than $50 million American Recovery and Reinvestment Act (ARRA) funding. For detailed descriptions of ARRA awards granted to medical school faculty, visit www.research.northwestern.edu/admin/feinberg.html.

Major NIH Awards

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<th>Rank</th>
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<tr>
<td>5.7</td>
<td>DRUG ABUSE, INCARCERATION &amp; HEALTH DISPARITIES IN HIV/AIDS</td>
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<tr>
<td>5.3</td>
<td>GENOME-WIDE ASSOCIATION SCAN OF POLYCYSTIC OVARY SYNDROME PHENOTYPES</td>
</tr>
<tr>
<td>3.4</td>
<td>MULTICENTER AIDS COHORT STUDY</td>
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<td>2.8</td>
<td>FLUORESCENCE MICROSCOPY</td>
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Research

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Whether they go behind bars or literally go into bars – or the local public library or a nearby shopping mall – to connect with the population they study, Northwestern Juvenile Project investigators “hit the streets for public health.”

The largest epidemiological undertaking of its kind, this longitudinal study has followed more than 1,800 delinquent youth since the late ’90s. All had been arrested and detained in the Cook County Juvenile Temporary Detention Center in Chicago. Feinberg researchers have gleaned valuable insight into this vulnerable population as they have become young adults.

Studying this group’s health needs, investigators have found high rates of substance use and mental disorders. They have recorded participants’ self-reported risky behaviors such as unprotected sex that expose them to HIV risk.

New study investigates how incarceration affects HIV risk
HIV/AIDS and other sexually transmitted diseases. Researchers are now gathering data to further explore how incarceration affects health disparities in the HIV/AIDS epidemic, especially among ethnic/racial minorities.

“We know African Americans suffer disproportionately from HIV,” says Linda A. Teplin, PhD, Owen L. Coon Professor and vice chair of research in the Department of Psychiatry and Behavioral Sciences at Northwestern University Feinberg School of Medicine. The study’s principal investigator, she heads the recently named Health Disparities and Public Policy Program, formerly known as the Psycho-Legal Studies Program.

“We also know that African Americans are disproportionately incarcerated and suffer from the consequences of substance abuse. Finally, HIV infection is more common in correctional populations. We have a lot of disconnected facts. Yet to date, no study has put it all together.”

Last March the National Institutes of Health awarded Dr. Teplin’s research group a $10.2 million grant to expand the unparalleled work of the Northwestern Juvenile Project. (The study is now known as the “Northwestern Project” to better reflect the participants who have become adults.) The new five-year grant, “Drug Abuse, Incarceration, and Health Disparities in HIV/AIDS,” will examine how incarceration, release, and re-entry into the justice system affect drug abuse and HIV/AIDS risk behaviors and infection. The funding will allow investigators to continue to study participants currently enrolled in the project but with a new focus. “Public health researchers seldom study the effects of incarceration, while criminologists seldom study health,” remarks Dr. Teplin. “With this study, we hope to fill in the blanks.”

The U.S. HIV/AIDS epidemic continues to grow at an alarming pace. Despite increased awareness and prevention strategies during the past 30 years, the rate of recently acquired cases of infection remains high. More than 56,000 Americans were newly infected with HIV in 2006 (the most recent year that data are available), according to the Centers for Disease Control and Prevention. For Northwestern Project co-investigator and leading HIV/AIDS researcher Frank J. Palella, MD, GME ’92, gaining insight into the incidence and prevalence of HIV infection among this at-risk population of young adults is critical to effectively fighting the epidemic. “This is a group – for the most part, poor, ethnic minorities – that often does not make it into HIV clinical trials for a number of reasons, including having established health care,” says Dr. Palella, Potosnak Family C.S.C. Research Professor of Medicine in the Division of Infectious Diseases. “These individuals are important to study. They are not only at great risk for the occurrence of HIV infection as a result of their behaviors, but also they clearly transition back and forth between incarceration and the community in environments where there are multiple avenues for HIV transmission.”

Field Work

After her case was called and heard by the judge, a defendant turned to leave the courtroom. At that point, Northwestern Project field staff member Rosa M. Narvaez saw an opportunity to remind this study participant to check in with the project office and arrange a follow-up interview.

Narvaez, one of the project’s two full-time locators, has spent 11 years tracking some of the more elusive study participants. At any time her job can take her to within a two-hour driving radius of Chicago – from poor inner-city housing projects to quiet suburban subdivisions – to knock on doors and talk to relatives, neighbors, and co-workers in search of good contact information. As the third line of defense, Narvaez usually gets involved when efforts to track participants have stymied the study’s office-based project liaisons. Three liaisons schedule interviews and send out “reminder” letters – and birthday cards – to participants, and 12 field-based interviewers conduct three- to four-hour follow-up interviews. These and other staff members contribute to the well-orchestrated field operation designed and led by co-investigator, Karen M. Abram, PhD, associate professor of psychiatry and behavioral sciences and associate director of the Health Disparities and Public Policy Program.

“The most important feature of a successful longitudinal study is maintaining your sample,” explains Dr. Abram. “If you don’t retain your sample over time, your findings could be meaningless. The characteristics you are studying may be the very ones exhibited by the people who are the hardest to track and find. So ‘participation rate’ is definitely a household phrase around here.”

Field visits are the key to success. Unlike many epidemiologic studies, field staff – most with master’s-level clinical training – interview the participants where they are living, whether they reside in the community or in correctional facilities. This point differentiates the Northwestern Project from other studies that often lose participants when they become incarcerated. Project interviewers meet with participants in the most disparate places, from downtown prisons and strip clubs to fast-food restaurants and bookstores. One interview took place in the back of a U-Haul truck that was serving as a participant’s temporary home.

“We have a lot of disconnected facts, yet to date, no one has put it all together.”

“The most important feature of a successful longitudinal study is maintaining your sample.”
In November 1995 the project kicked off with baseline interviews of detained youth between the ages of 10 and 18 who would eventually form the original sample of 1,829. Three years later, Northwestern researchers launched the first wave of follow-up interviews. Initially, the study addressed primarily psychiatric disorders. Over the course of the project, the focus has changed as participants have aged and face new threats to their health and well being. Including questions on HIV/AIDS risk behaviors as well as testing for HIV has added to the complexity of data collection.

Despite the labor-intensive and costly challenge of tracking the sample, the project has outstanding participation.

The fall meeting of the medical school’s National Alumni Board proved to be the liveliest session I’ve had the privilege of attending during the several years I’ve been involved with the group. We began a little late as we cheered the Wildcats to a last-minute victory over Minnesota. Then a presentation on the changes in the offices of Development, Alumni Relations, and the Dean generated thoughtful and creative ideas. Bruce Scharschmidt, president of the Nathan Smith Davis Club, described the response to a survey of the NAB that identified opportunities for improved communication and engagement of Northwestern medical school alumni. Be prepared for more information about how you can stay connected. In addition to Alumni Weekend each spring, the following are just a few of the activities that enable alumni to stay engaged and give back:

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The Class of 2014 is the most diverse Alumni Association Board in October. We could enhance our community.

Leadership/Faculty Recruits
A large part of the recruiting at Northwestern University is at the medical school and I think we’re bringing in terrific leaders from inside and outside the organization. Among those most recently hired or promoted – Doug Vaughan, MD, Department of Medicine chair; Donald Lloyd-Jones, MD, Preventive Medicine chair; Jane Holl, MD, MPH, director of the Institute for Healthcare Studies; and Nick Volpe, MD, Ophthalmology chair.

Grant Funding
In 2010, Feinberg received $346 million of federal funding for research, up 17 percent from 2009. This rapid growth was due to nearly $50 million in ARRA stimulus funding from NIH. Our overall research productivity has been steadily increasing by an over 10 percent compounded annual growth rate. In FY10, we received $419 of funding per square foot of research space and over $740,000 per faculty member.

Development Efforts
The Office of Development & Alumni Relations raised more than $108 million in new gifts and commitments and more than $109 million in cash in fiscal year 2010. Medical school alumni increased their cash giving by 67 percent compared to 2009. It was a very good year in a tough environment. Commitments were made for nine new scholarships and six professorships in 2010.

New Role at Penn
So I have been thinking about how Feinberg is positioned to choose a successor in the dean’s office. I believe anyone would want to join Northwestern because of the quality of the students, faculty, and facilities. I will do all I can to help identify potential candidates.

If it’s so great, why am I leaving? I’ve been here almost 18 years, which is a long time. Penn, ranked Number Two, arguably offers the top medical leadership position – with one person running the medical school and the medical center. It’s a once-in-a-lifetime opportunity. However, I have mixed feelings because I have lots of friends and colleagues here.

Nathan Smith Davis Club
Later in the meeting, Bruce Scharschmidt, MD, president of the Nathan Smith Davis Club (NSD), shared his goals of increasing participation and strengthening the sense of community with members. A survey was conducted to examine NSD visibility and perceptions.

“One of the issues is that the word ‘club’ is misleading — it is not an elite club,” explained Dr. Scharschmidt, “but rather a community of alumni engaged with the medical school. We also have an opportunity to market the NSD name to increase participation.”

To help alumni learn more about the Nathan Smith Davis Club and how they can participate, a number of new communication and recognition opportunities are being discussed. Work will continue in this area to disseminate information and encourage alumni support.

“Giving is motivated by people wanting to give back,” Scharschmidt said. “Most alumni want to be meaningfully involved with students — they want to put names and faces with scholarship recipients.”

Northwestern Alumni Meryl Haber, MD ’59, GME ’64, recently presented the Northwestern University Feinberg School of Medicine Galter Health Sciences Library with a gift of seven rare and valuable books.

“Books continue to play an important role in teaching, even in an Internet-driven world,” says Haber, who used the illustrated texts throughout his more than 40 years in the classroom. “As opposed to seeing a picture on a slide projector or screen, books that students can read and handle allow them to make their own discoveries. As they say, ‘a picture is worth a thousand words.’”

The books, which focused on anatomy, pathology, kidney disease, and urinalysis, were published between 1506 and 1860. The most recent title is a second edition of “On the Origin of Species,” by Charles Darwin, printed only six weeks after the first edition in 1860. The library currently owns a first edition of the Darwin work.

In addition to the gift of rare volumes, Haber provided funds for use in conservation and restoration of books and materials held by the library’s special collections. Having studied at the conservation library of Chicago’s Newberry Library, Haber holds a long-time interest in book binding and restoration.

“The titles included in the Haber donation are all seminal works in their respective fields,” says James Shedlock, AMLS, AHP-D, FMLA, director of Galter Library. “The 1555 edition of ‘Vesalius,’ for instance, is considered the first book of modern anatomy — marking the beginning of a revolutionary moment in anatomy and surgery, surpassed by no other scientific treatise in its importance.”

A world-renowned pathologist, Dr. Haber authored several textbooks on pathology, including ‘Differential Diagnoses in Surgical Pathology,’ which recently published a new edition. Still, he says he has always had an interest in collecting rare titles that feature illustrations, insisting that these texts allowed his students to best understand medicine and its history.

“Students go through medical school too quickly,” says Haber. “It’s key that they review the history and acquire the background knowledge of diseases, these diagnostic aspects are essential.”

Haber was the Barbara Professor and chair of the Department of Pathology at Rush-Presbyterian-St. Luke’s Medical Center until 2000, and currently serves as a Distinguished Emeritus Professor of Pathology at Rush Medical College. During his career, Haber also held academic appointments at Northwestern University, the University of Hawaii School of Medicine, and the University of Nevada School of Medical Sciences.

Over the years, Haber has served in key positions in various professional organizations, including the American Society of Clinical Pathologists, College of American Pathologists, and the Society for Academic Continuing Medical Education. His articles have appeared in more than 50 publications and he has written or co-authored more than a dozen textbooks or chapters on a variety of medical-related topics.

“I hope that my collection benefits the library and the students and faculty it serves for generations,” says Haber.
How Nepal?
A former surgical colleague of mine (now an assistant professor at Tulane) attended the Global Missions Health Conference in Louisville, KY, in November 2009 and he learned of one organization that needed a surgeon in Nepal. I got in touch with the Nepali Community Services (headquartered in Chicago) and then later learned that it was Dr. Myint’s organization that needed help.

French gynecologist, Dr. Bernard Geffe, going there twice a year for several years, and I phoned him about the hospital. He was anxious for me to come as the Chaurajhari hospital was staffed only by a very dedicated, competent Nepali physician, Dr. Caleb, who had just finished his internship four months earlier. When the committee at headquarters was not keen to have me, Dr. Geffe phoned and urged me to come anyway. When I got to the hospital, my first assignment was a C-section patient who had walked five days. “Please guide Dr. Caleb through the C-section.” After that, it was, “Please stay here and help us out.”

I later met some of the committee members and the reason for their (un)welcome was, “Why does this 80-year-old surgeon want to come here?” Needless to say, they were abjectly amazed and also a year of tuberculosis surgery in California—and also a year of pathology (Saginaw, MI) and went back to Burma in 1959.

After Medical School
After medical school at Northwestern, I interned at Cincinnati General and had a residency in general and thoracic (including vascular) surgery at the hospital of the University of Pennsylvania. Their surgical program was set up that way. I also had almost a year of pathology (Saginaw, MI) and went back to Burma where I did the first cardiac operations by a native son. The political situation changed and I retreated to the University of Pennsylvania for more general and cardiothoracic surgery and also a year of tuberculosis surgery in California—and was certified in surgery and thoracic surgery. I came out to California for a year and did not return to Philly, much to the disappointment of my former chief.

Dr. Myint Shares Details of Volunteerism in Nepal

Life in Nepal
The challenge in the poor areas, especially in rural Nepal: (1) language — they speak Nepali which has some resemblance to Hindi (which I used to speak very fluently as a pre-teen in Burma and still remember some of it). In the past few years, I have been the only “American” working at that hospital. The other foreigners are French, German, and Japanese. Other nationalities come for a week or a few days and the native staff there gets understandably confused with pronunciations. We do have interpreters who try their best. The native Nepali physician who single-handedly runs this hospital speaks good English. As for the nurses, they all smile and nod “yes.” (2) Hindu customs for the nurses, they all smile and nod “yes.” (3) Their system is 24/7 with the other physician(s). The people are generally docile, but when they don’t like complications. If there is one, their logic is “You are the doctor. You know everything, why don’t you prevent this?”

The hospital has no central heating, any air conditioning, no land phones, or running water. They have a generator that takes over if we need it at night. The hospital has no central heating, any air conditioning, no land phones, or running water. They have a generator that takes over if we need it at night.

Treating Patients
The outpatient number anywhere from 50 to 140 on any given day. Nobody is turned away because we know that the patients had to walk so far (up to 5 days), we feel it would be inhuman to tell them to return the next morning. The people are generally docile, but they don’t like complications. If there is one, their logic is “You are the doctor. You know everything, why don’t you prevent this?”

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The nights are very peaceful except for medical emergencies (e.g., births, fractures, and the occasional appendectomy). The physician assistants, who do a good job, see the patients and consult us. The nurses deliver the babies and know when to call for a C-section.

**Interesting Encounters**

My most recent trip in July and August was a surprise because the snakes were out. It was their monsoon season. It was also their planting season. It was their monsoon season. It was also their planting season.

There is an anesthesia machine but there is nobody qualified to work it, so my surgery is limited to what can be done under spinal, regional, local or ketamine. There are thyroid, parotid tumors, and some other neck lesions and abdominal cases that I cannot safely do under these circumstances.

It’s very disheartening when we have to refer a patient to a higher level of care in Kathmandu or Nepalgunj where there is a medical school and hospitals. The patient’s family says, “We will not go. We don’t have the money or cannot afford it. If you cannot treat us, we will return to our village and die there.” Examples are those that need dialysis, exchange transfusion, major abdominal surgery, etc. I can still see one woman who was carried in a bamboo basket on the back of a porter, only to return to her village without treatment.

I returned for my fourth visit in January and will continue to volunteer as long as I can. My feeling is that even with shortcomings in anesthesia, I can still do some procedures. More importantly, I teach the PAs and sometimes, they teach me!

My most recent trip in July and August was a surprise because the snakes were out.

Carried in a bamboo basket on the back of a porter, only to return to her village without treatment.

Dr. George Shambaugh

**Additional Info**: Send your progress to: ward-rounds@northwestern.edu

**Article Title**: Progress Notes

**John E. Sonneland**, MD, GME ’48, of Spokane writes about his ‘wonderful life.’ A general surgeon, he had 31 published papers. He and his wife, Holly Frost Sonneland, raised five children (the eldest is deceased), and they have 16 grandchildren and four great-grandchildren.

**Garry L. Porter**, MD, of Wichita, Kan., practices general psychiatry at McConnell Air Force Base. He writes, “Plan to stay with it at least until 50th Northwestern University medical school reunion.”

**Rebecca Traut**, BSN, of Libertyville, Ill., recently retired from nursing at the Lake County Health Department. She is planning a 2012 reunion for the Evanston Hospital School of Nursing class of 1962.

**Michael A. Love**, MD, of Chattanooga, Tenn., specializes in cardiovascular diseases and internal medicine. He joined the University of Tennessee Erlanger cardiology practice, part of the Erlanger Health System.

**Lanny F. Wilson**, MD, of Hinsdale, Ill., an obstetrician and gynecologist has been a member of the medical staff at Hinsdale Hospital for the past 30 years. He is also a clinical instructor at Hinsdale Family Medicine Center. In April he was re-elected to the Illinois State Medical Society board of trustees at its annual meeting in Springfield.

**George M. Bridgeforth**, MD, MPH, and **John Cherf**, MD ’84, MPH ’86, MBA, of Bartlett, Ill. and Chicago, respectively, were selected to author a textbook educating physicians on radiological trauma by America’s oldest medical publisher, JP Lippincott.

Dr. Bridgeforth, center medical director at Chicago West Loop Conventa, was the principal author of the book, “Lippincott’s Primary Care: Musculoskeletal Radiology.” Contributing authors included some of the nation’s leading orthopaedic specialists, one of which was spine specialist, Mark Nolden, MD, GME ’01.

**Ralph J. Duda**, Jr., MD, of Tulsa, a clinical lipidologist and hypertension specialist, relocated from Springfield, Mo., where he had a private practice, to assume directorship of the Regional Diabetes Center, the Lipid and Wellness Clinic, and the Hypertension Clinic at the Oklahoma Heart Institute.

**Evon Kharasch**, MD, PhD, of St. Louis, instructs medical students at the Washington University School of Medicine as the Russell D. and Mary B. Sheldon Professor of Anesthesiology and vice chairman for research.

**Diana Henry**, PT, of Silerton, Ore., is pleased that her daughter is a freshman student at Northwestern. Dr. Henry writes, “She had many offers and was most impressed with NU. Great place to visit also.”

**Sandra Weber**, MD, of Greenville, S.C., is chief of Endocrinology at the Greenville Hospital System University Medical Group. As a fellow and board member of the American Association of Clinical Endocrinology (AACE), she recently bestowed her former Northwestern mentor and professor, George Shambaugh, MD, (professor emeritus ’99), with the honor of AACE Fellow. Dr. Weber (right) is pictured with Dr. Shambaugh.
1993
Arthur Ollendorff, MD, GME ’97, and his wife, Candace Iretion, MD ’93, relocated from Cincinnati to Asheville, N.C. Dr. Ollendorff took on new positions as the medical director of the Mountain Area Health Education Center (MAHEC) OB/GYN practice and a clinical faculty member at the University of North Carolina.

1996
Eliza Shin, MD, GME ’97, of Chicago, starred as Mu Chang in the Chicago Dramatists’ spring production of Jade Heart, written and directed by Northwestern graduates Will Cooper and Russ Tutterow. Dr. Shin has also had roles in Ballet Entre Nous’ production of The Nutcracker and the Neo Futurists’ productions of Patriots and Voyaging. She sings at St. Vincent de Paul Parish, with the children’s band Super Stolie and the Rockstars and in city coffee-houses.

2003
Carlos Contreras, MD, of Mobile, Ala., accepted a faculty position at the University of South Alabama as assistant professor of surgical oncology. He is interested in hepatobiliary and pancreatic cancer, and also treats patients with melanoma, sarcoma, and stomach cancers. Dr. Contreras recently completed a surgical oncology fellowship at the University of Texas MD Anderson Cancer Center.

GME Programs
Child and Adolescent Psychiatry

Allergy and Clinical Immunology
Paul A. Greenerber, MD, GME ’78, professor of medicine in the division of allergy-immunology at Northwestern University Feinberg School of Medicine, was appointed to the Food and Drug Administration’s Pulmonary Allergy Drug Advisory Committee. His term will run through 2013.

Progress Notes Awards

Indiana University School of Medicine recently named Emily Walvoord, MD ’94, GME ’98, of Indianapolis, assistant dean for Faculty Affairs and Professional Development. Her focus will be to improve the academic climate for clinical faculty.

Mark J. Kupersmith, MD ’75, of New York City is chair of the medical board of the New York Eye and Ear Infirmary, director of neuro-ophthalmology at NYEEI, St. Luke’s Roosevelt Hospital and Beth Israel Medical Center, and professor of ophthalmology and neurology at the Albert Einstein College of Medicine. He was awarded a U10 grant by the National Institutes of Health and the National Eye Institute in February 2009. Dr. Kupersmith is directing the Neuro-Ophthalmology Research Disease Investigator Consortium (NORDIC), which includes 44 sites at major medical institutions in the United States and Canada. He was awarded the Distinguished Service Award for Contributions in Neuro-Ophthalmology from the North American Neuro-Ophthalmology Society. He and his wife, Geri, have two children, Dana and Matthew.

Andrew P. Lazar, MD ’82, GME ’87, of Highland Park, Ill., was named vice president of the American Academy of Dermatology in March 2010. He served until early February 2011.

Francisco Antonio González-Scarano, MD ’75, was installed as dean of the School of Medicine at The University of Texas Health Science Center at San Antonio in August 2010. Dr. González-Scarano, who was previously the chair of the Department of Neurology at the University of Pennsylvania School of Medicine, was selected from more than 60 highly qualified candidates throughout the nation.

Michael J. Racenstein, MD ’86, GME ’88, of Wilmette, Ill., a radiologist at Alexian Brothers Medical Center, was inducted as a fellow of the American College of Radiology in May.

Irwin Benuck, PhD, MD ’79, GME ’82, professor of clinical pediatrics at Northwestern University Feinberg School of Medicine, received the David Applebaum Humanitarian Award from the Shaare Zedek Medical Center in Jerusalem in November 2010. In January 2011, he accepted a new role as division head of community-based primary care pediatrics, providing leadership for community-based pediatricians on staff at Children’s Memorial Hospital and/or on faculty in the Department of Pediatrics at Feinberg.

Additional Info:
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Progress Notes Awards

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**Upcoming Events**

**March 3, 2011**
Pediatric Pearls: Surgery from Top to Bottom
The Hilton Rosemont, 5550 N. River Road, Rosemont, IL
For more information, contact Children’s Memorial Hospital, 773.880.6772.

**March 14-15, 2011**
New Frontiers in Parkinson’s Disease: An Interface of Research, Treatment, and Rehabilitation
Rehabilitation Institute of Chicago, 345 E. Superior Street, Chicago.
For more information, call 312.238.6042.

**March 31-April 1, 2011**
Annual Interdisciplinary Stroke Course - The Continuum of Care in Brain Injury Rehabilitation
Rehabilitation Institute of Chicago, 345 E. Superior Street, Chicago.
For more information, call 312.238.4251.

**April 7-8, 2011**
CMH 2011 Child Maltreatment Symposium
Northwestern Memorial Hospital, Feinberg Pavilion Conference Center, 251 E. Huron Street, Chicago.
For more information, contact Children’s Memorial Hospital, 773.880.4322.

**April 21, 2011**
Pediatric Pearls: Spring
The Doubletree Hotel, 1909 Spring Road, Oak Brook, IL
For more information, contact Children’s Memorial Hospital, 773.880.6772.

**April 28-30, 2011**
2011 Annual Scientific Symposium of the Hemostasis & Thrombosis Research Society
Northwestern Memorial Hospital, Feinberg Pavilion Conference Center, 251 E. Huron Street, Chicago.
For more information, contact the Office of Continuing Medical Education, Northwestern University Feinberg School of Medicine, 312.503.8533.

**May 2-3, 2011**
Annual Interdisciplinary Brain Injury Course - The Continuum of Care in Brain Injury Rehabilitation
Rehabilitation Institute of Chicago, 345 E. Superior Street, Chicago.
For more information, call 312.238.4251.

**May 6, 2011**
Pediatric Pearls: Pediatric ADHD
The Doubletree Hotel, 1909 Spring Road, Oak Brook, IL
For more information, contact Children’s Memorial Hospital, 773.880.6772.

**May 13-14, 2011**
RIC Women’s Health Rehabilitation Symposium: Evidence-Based Solutions for Improving Pelvic Floor Health and Function
Rehabilitation Institute of Chicago, 345 E. Superior Street, Chicago.
For more information, call 312.238.4251.

**May 27-28, 2011**
1909 Spring Road, Oak Brook, IL
For more information, contact Children’s Memorial Hospital, 773.880.4322.

**June 20, 2011**
CMH 2011 Child Maltreatment Symposium
Northwestern Memorial Hospital, Feinberg Pavilion Conference Center, 251 E. Huron Street, Chicago.
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**June 27, 2011**
CMH 2011 Child Maltreatment Symposium
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