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Global Health: Ob/Gyn Team Begins Uganda Exchange

Doing their part to enhance Drexel's global impact, a group of faculty members led by Owen Montgomery, MD, chair of the Department of Obstetrics & Gynecology, made a trip to Uganda from January 24 through February 14, thanks to a Global Grant from Rotary International, as well as support from Rotary clubs in Pennsylvania and Uganda.

The central mission of the Maternal and Child Health Care Education Project is to address maternal and infant mortality through education by creating a link between Drexel University and Makerere University, Uganda's largest and second oldest university. A corollary goal of this trip was to implement technology that would expand access to health information and connect Makerere with community health centers.

After months of planning, the final interdisciplinary team included Gregg Alleyne, MD, assistant professor; Laniece Coleman, DNP, assistant professor and director of nurse-midwifery services for Drexel Medicine; and Betsy Batejan, MSN, instructor and midwife, all in the Department of Obstetrics & Gynecology; Yanick Vibert, DO, clinical instructor of pediatrics; Donna Sabella, PhD, assistant clinical professor, College of Nursing & Health Professions; and two experts from the College of Computing & Informatics, assistant professors Michelle Rogers, PhD, and Deborah Turner, PhD.

The group spent most of the time in Kampala. There were meetings with Makerere's public health dean, department meetings, tours,

education sessions and lots of information sharing. "Anybody can read about conditions in another country," Laniece Coleman says, "but you need to go there to figure out their needs and what they can manage." We have great technology, she notes, but it requires electricity. One needs to see conditions on the ground, so to speak.

Another sub-goal of the trip was to engage with providers and participate in care delivery at community health centers. The group spent three days in Jinja, the source of the Nile, and traveled out from there to two remote health centers. The two other centers they visited were closer to Kampala. "We did some medical student education and some midwifery education," Coleman says. "Sometimes there were only medical assistants at a center."



In Kampala, thanks to Rotary grants secured by Ron Smith, the father of a Drexel student, are (l-r) Drs. Alleyne, Turner, Coleman, Montgomery, Rogers, Vibert and Sabella.



4 Dr. Nandi offers new hope for *C. diff* patients



5 Medical students meet their match — in a good way



11 MD/PhD student takes first for project in biochemistry

Contents

Global Health 1
Destination Excellence 3
Fecal Microbiota Transplantation 4
Match Day 2014 5
Medical Student Research Day 11
Compliance & Privacy 15
Profile: Maurice Hinson 17

NEWS & EVENTS

From local to international 6–10

WHAT WE'RE DOING

Activities and accomplishments 12–15

ALUMNI NOTES

Class notes, former residents 16–19

Calendar 13

In Memoriam 19

pulse

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The Student Culture of Our College

I take great pride in the student culture of our school. Our students are inspired by a vocation. They truly have a vocation of service and inquiry, and they seem to be moved, perhaps more deeply than they are given credit for, by the personal plight of patients, by the issues of society, and by science as a means to make this world better.



Daniel V. Schidlow, M.D.

I get the sense that our students are people who are aware, and they came to this school because they saw a certain way of doing things, a certain culture, a certain spirit.

As their faculty and mentors, whether in research or in medicine, we are privileged to be taking part in their lives while they are forming as professionals. We are privileged to learn about them as individuals and to share in some of their very concrete accomplishments and activities. Our students are out in elementary schools. They are in other countries. They are in the community here. They are not only concerned about diversity — they embrace it, too.

I believe that our school wants and fosters personal expression within the realm of social interaction, awareness and commitment. We appreciate the people who are our students — who they are and what they are becoming — and we respect their individuality.

Medicine and biomedical science are a team sport: The participants are like members of a soccer team, in which everyone has a clear role. They all work together to advance the ball, but the individual performance is very important, and so is the personality on the field. Part of the self-expression that we prize and want to see continue is the expression of our students' personal values, cultural and ethical, as they manifest themselves in the students' work and activities here, and later in life as they enter their field of interest. Although we are preparing our students for a team sport, and we talk a great deal about collaboration, still we believe that the emergence of who our students are as individual people is a priority worthy of note.

Our school wants and fosters personal expression within the realm of social interaction, awareness and commitment

Daniel V. Schidlow, MD
Walter H. and Leonore Annenberg Dean
Senior Vice President of Medical Affairs

Destination Excellence: A Personal Reflection

As I reflect on my 25 years as an employee of this institution, I realize that I have witnessed a great deal of change. In my position as an administrative manager, I have felt the loss of great bosses and co-workers and welcomed the arrival of new medical students, new residents and new junior faculty.

I observed a change in the composition of our new faculty to one that is a lot more diverse than it was 25 years ago. We have a lot more people of color and people who were born outside of the United States. I have had the great pleasure of being surrounded by this diverse group of individuals who bring a myriad of life experiences to this institution on a daily basis.

Without this diverse population, our university would cease to grow and excel. Here at Drexel University College of Medicine, we not only welcome diversity, we thrive as a result of its very existence. In the time I have been fortunate to spend here, I recognize that it takes all of us, regardless of race, culture or creed to keep this great institution strong.

Around 15 years ago, the College was searching for a new chair for the Department of Medicine. When the dean finalized the selection and hired a white physician born in South Africa, I was told again and again that he would not want me working for him as I am African American and he was from South Africa. I took offense at these comments made by my colleagues. When the physician came to town and introduced himself to the administrative staff, it was then that he said he too was considered African American. The mere insinuation that I would not be "good enough" to work for someone from South Africa was one of the most disheartening experiences I have ever had to deal with.

Despite all the progress we have made in the last 25 years, there remains plenty of work to be tackled in terms

of diversity. I would like to see more minorities (both male and female) placed in upper management positions.

I am proud of the many strides we continue to take to embrace new opportunities and experiences in order to keep our university strong.

— Beverly Johnson
Administrative Manager
Department of Medicine



Administrative manager Beverly Johnson has seen a great deal of change in her 25 years with the College of Medicine.

Global Health

• *continued from the cover*

Rogers and Turner focused on setting up open access to digital library resources and networks for communication. Providers at health centers outside of Kampala feel very isolated and often don't stay, Coleman says. Having a network will keep them connected not only with health information and continuing education, but also with their families, she explains. A long-range goal will be to offer grand rounds from Drexel to Makerere and vice versa.

For the next part of the exchange, a group from Makerere arrived in



Philadelphia at the end of April to visit Drexel and area health centers; they are also interested in seeing our simulation facilities. The plan is to have an exchange

once a year as part of an ongoing relationship, which will eventually provide distance education. Coleman says that she would "absolutely" go again. "This is a real connection; it's not like subbing in at a health center and leaving, and nothing ever changes. It's a huge opportunity. They have a lot to learn from us, and we have a lot to learn from them."

Fecal Microbiota Transplantation Remedies *C. diff* Infection

Research May Reveal Other Roles

Neilanjan Nandi, MD, an assistant professor of medicine in the Division of Gastroenterology & Hepatology, arrived at the College of Medicine eager to bring fecal microbiota transplantation (FMT) to Drexel. The procedure has generally been considered a last resort for patients with recurrent *Clostridium difficile* infection (RCDI), characterized by diarrhea, fever, bloating and abdominal pain. The treatment involves taking fecal matter from a healthy donor and delivering it to the large intestine of an infected patient. By re-colonizing the gut with a healthy donor's stool, the microbiota equilibrium may be restored. This is often enough to maintain remission after just one (and rarely two) transplanta-

tions. FMT has been particularly beneficial in patients experiencing relapse despite expensive and prolonged use of antibiotics (such as vancomycin and fidaxomicin) and multiple hospitalizations.

A 1,700-year-old emergency medicine text contains one of the first recorded recommendations for FMT, but the first recorded case in the United States wasn't performed until 1958. The procedure has remained relatively obscure until the past few years, due in part to the "ick" factor, but also perhaps because of lack of awareness. Though many practitioners do not offer the service, FMT is gaining more acceptance.

It's a simple process: First, a donor is identified and screened for diseases such as HIV,

hepatitis, syphilis and parasites, as well as general overall health. The donor's fecal matter is blended in saline and transferred to the patient via colonoscopy, enema or nasoduodenal tube. Nandi performs all modalities, but prefers colonoscopy in most cases. ND tube transfer comes with a rare but serious risk of aspiration of fecal matter into the lungs. Enemas do not reach the proximal part of the large intestine, and some patients have difficulty retaining the mixture. Neither of these is a significant concern with colonoscopic delivery.

Nandi trained at the University of Miami, where he began performing FMT. He was overwhelmed at the patient response. He recalls, "I would have people call me, sometimes within hours of the procedure,

saying, 'Doc, I don't how this is happening, but I am starting to feel better!' It was incredibly rewarding to be able to help these patients, many of whom had been terribly sick for months." At that time, the FDA regulated all uses of FMT. In June 2013, the FDA lifted sanctions specifically for the use of the procedure on patients who have had at least three recurrences of mild to moderate *C. diff*. Despite this, several Hahnemann University Hospital patient safety and review committees were convened before Nandi could proceed with FMT at the hospital.

Because it is still a relatively new procedure, patient access remains an issue. Many insurance companies are beginning to cover the cost of colonoscopic delivery of donor stool, but even if the procedure itself is covered, the out-of-pocket costs of donor screening range from \$500 to \$1,500, which can pose a significant financial burden for the patient. Hence, Nandi is in the process of establishing a donor bank of frozen stool to cut costs and provide stool on demand, particularly for use in urgent situations.

Presently, Nandi can perform FMT for recurrent *C. difficile* infection, but his aspirations go well beyond this initial frontier. He is excited about the opportunity to engage in collaborative translational and clinical research regarding other potential applications of FMT, as well as the role of the gastrointestinal microbiome in other illnesses. In case report studies, FMT has been implicated in remedying disease states ranging from multiple sclerosis and Parkinson's disease to obesity and cardiovascular disease. Nandi warns, however, that FMT should not be hailed as a panacea: "The therapeutic efficacy of FMT in RCDI is proven, but we have yet to establish its efficacy in other disease states. Therefore, we should not be overzealous in performing FMT for other diseases without careful scientific scrutiny." Nandi hopes to gain approval to study the efficacy of FMT in the treatment of chronic pain and obesity.

Kenny Simansky, PhD, vice dean for research at the College of Medicine, is enthusiastic about the proposed work: "Dr. Nandi's aspirations to conduct research on broader applications of FMT fit well with Drexel's expertise in areas such as the mechanisms and treatment of infectious disease and the role of the microbiome in human health. The effectiveness of FMT in RCDI underscores that we must be receptive to nontraditional strategies for therapeutics and maintaining wellness. It is critical, however, that we apply our usual rigorous standards for scientific evaluation of such strategies before we propose them as standard care."



Gastroenterologist Neil Nandi has high hopes for FMT.



Match Day 2014

Excitement filled the air of the Student Activity Center at the Queen Lane Campus during Match Day, March 21, when fourth-year students waited to learn where they would begin their residency programs. The traditional event began with a champagne toast delivered by Dean Daniel V. Schidlow, MD, after which students simultaneously ripped open their sealed envelopes.

Of the 235 graduating students, 41 had chosen internal medicine. Rounding out the top five specialties were pediatrics (with 31), emergency medicine (19), anesthesiology (18) and, tied for fifth place with 15 students each, obstetrics and gynecology, and orthopedics.

A large number of our students will be staying in the Keystone State for their residencies. The top destinations are Pennsylvania (79), New York (35), California (24), New Jersey (13), Maryland (13) and Texas (9).

According to data released by the National Resident Matching Program, the number of U.S. students choosing primary care (internal medicine, family medicine, and pediatrics) rose by almost 500 over 2013.

AAALAC Peers Recognize Dr. Huneke

Richard Huneke, DVM, MPH, executive director of University Laboratory Animal Resources and attending veterinarian at Drexel University, was recognized by his peers on the Council on Accreditation of the Association for the Assessment and Accreditation of Laboratory Animal Care, International (AAALAC) with his election to serve as section leader. AAALAC is a nonprofit organization made up of veterinarians and laboratory animal scientists; its mission is to promote the humane treatment and care of animals used in biomedical science. The organization has accredited more than 900 institutions in 37 countries.

Huneke has served on the 56-member Council on Accreditation since 2005, performing site visits and program evaluations of more than 70 biomedical research institutions in the United States and South America. As section leader, he will lead the discussions of program reviews during triennial council meetings.

His standards are high. The College of Medicine's animal care and use program has been fully accredited since 1982. Huneke, who arrived in 2002, has led the College through successful accreditations in 2003, 2006, 2009 and 2012, earning a variety of commendations — for a strong and comprehensive review process, a high level of sanitation, and well-cared-for animals. Site visitors also noted the tremendous level of teamwork and collegiality among ULAR, the research teams and the institutional committee.

In addition to his role with AAALAC, Huneke is president of the board of directors of the Pennsylvania Society for Biomedical Research. At Drexel, he is an associate professor of microbiology and immunology, associate director for the Master of Laboratory Animal Science program, and course director for the animal models course and laboratory animal seminar.

Recently back from Brazil, Huneke was an invited



Dr. Huneke addresses a conference on laboratory animal science in Porto Alegre, Brazil.

speaker at the 13th Congress of the Brazilian Society for Laboratory Animal Science held in conjunction with the second conference of the Latin American Society for Laboratory Animal Science in Porto Alegre, Rio Grande do Sul, from April 14 to 16. His presentations were "Preventing Worker Allergies to Rodents" and "Environmental Enrichment for Laboratory Animals." The meeting was attended by more than 300 veterinarians and researchers from South America.

Kenny Simansky, PhD, vice dean for research at the College of Medicine, says that Dr. Huneke "exemplifies the best possible veterinary leader" for a university research facility. "He has outstanding skills for managing an animal welfare program and does so with great attention to facilitating the work of the faculty and students, while his internationally recognized academic expertise brings credit to Drexel."



At Monmouth Medical Center (l-r): Drs. Joseph Jaeger, Barbara Schindler and Eric Burkett

Dr. Schindler Honored

Barbara Schindler, MD, professor of psychiatry, who recently stepped down as vice dean for educational and academic affairs, was presented with a plaque by friends and colleagues at Monmouth Medical Center, a regional medical campus of Drexel University College of Medicine. Monmouth Medical Center officials Joseph Jaeger, DrPH, associate vice president, academic affairs, and Eric Burkett, MD, HU '71, vice president, medical affairs, made the presentation. The inscription expresses gratitude for her many years of "unwavering support, fellowship and commitment to medical education."

International Symposium on Treatment and Prevention of Infectious, Inflammatory, and Oncogenic Disease

Drexel University College of Medicine is once again pleased to host some of the world's top research scientists during the 2014 International Symposium on Molecular Medicine & Infectious Disease. The symposium will take place June 16–20 in the New College Building Geary Auditorium B (15th & Race Streets).

Presentations will highlight ongoing investigations in the areas of immunology, inflammation, and autoimmunity; microbial pathogenesis and vaccines; cancer biology and neoplastic disease; spinal cord and traumatic brain injury; and HIV CNS disease, reservoirs and eradication.

In addition, the College of Medicine will award five Drexel Prizes for scientific excellence in immunology, infectious disease, cancer biology, translational research and neurovirology to eminent scientists in those fields. Each day of the symposium will feature an hour-long address by a prize recipient.

- Drexel Prize in Immunology (June 16)
- Drexel Prize in Infectious Disease (June 17)
- Drexel Prize in Cancer Biology (June 18)
- Drexel Prize in Translational Research (June 19)

- Drexel's Hilary Koprowski Prize in Neurovirology (June 20)

This is the third year for the symposium, which is spearheaded by Brian Wigdahl, PhD, professor and chair of the Department of Microbiology & Immunology and director of the Drexel University College of Medicine Institute for Molecular Medicine & Infectious Disease.

"We are thrilled to once again welcome scientists from around the world to our campus and also to highlight the scientific accomplishments of our own esteemed faculty and trainees," said Wigdahl.

Sessions on Friday, June 20, which will focus on HIV CNS disease, reservoirs, and eradication, will be co-sponsored by the Temple/Drexel Comprehensive NeuroAIDS Center and the Temple/Drexel T32 Interdisciplinary and Translational Research Training Program in NeuroAIDS. Both CNAC and the T32 Training Program are funded by the National Institute of Mental Health at the National Institutes of Health.

For the full agenda, please visit drexelmed.edu/immid, where you may also register for the symposium or submit an abstract.



Drexel Scientists Help Judge Science Fair

Several students, postdoctoral fellows and faculty members of the College of Medicine's Department of Microbiology & Immunology recently participated as judges at the George Washington Carver Secondary Science Fair at Temple University. Started in 1979, the Carver Science Fair encourages students in the fourth through 12th grades at Philadelphia public, charter, parochial, private and home schools to "pursue academic achievement and careers in science." Due to its remarkable growth, the science fair was divided into an elementary fair that takes place at the Academy of Natural Sciences of Drexel University and the secondary fair at Temple University.

Representing the department, Laura Steel, PhD, assistant professor, and Christina Kollias, PhD, postdoctoral fellow, presented a special award commending the upper-level high school student who most clearly exemplified a deep or developing

interest in microbiology or immunology. This year's recipient was Natasha Iotov, who showed a remarkable mastery of the scientific material and demonstrated enormous effort in understanding and documenting a wide array of methods and background material relevant to her project, "Development of Small Molecule Inhibitors of EBV Lytic Replication."



Postdoctoral fellow Christina Kollias presents the Microbiology & Immunology Special Award to Natasha Iotov, an 11th grade student at George Washington High School in Philadelphia.

Also participating as judges were graduate students Bethany Jenkins, April Pershing and Lindsay Pomykala, and former student Kelley Healey, PhD. "It's a great opportunity to participate in a community event and encourage these young students to continue their projects and to continue scientific research in general," says Healey, now a postdoctoral fellow at the Public Health Research Institute at Rutgers New Jersey Medical School. Those interested in more information about the fair, including the opportunity to serve as a judge or present a special award at next year's fair, should visit temple.edu/carversciencefair.

MD/PhD Students Reap Pre-doctoral Fellowships

Four Drexel MD/PhD students have been awarded prestigious pre-doctoral fellowships from the National Institutes of Health since 2010. Each year, the Drexel MD/PhD program admits three to five students, who are committed to research careers. They spend the first two years in medical school, followed by three to four years in a PhD program, and then return to medical school for their clinical rotations. The individual training grants from the NIH are highly competitive. The awards provide tuition during graduate and medical school, as well as a stipend

and modest funding for books, travel and so on.

Most recently, Timothy Beck received an F30 award from the National Cancer Institute for his research in the laboratory of Erica Golemis, adjunct professor of biochemistry, Fox Chase Cancer Center, on pro-survival signaling in cancer. In 2012, Elizabeth Crowe, who is working with Drs. Claudio Torres and Christopher Sell, was awarded an F30 fellowship from the National Institute of Neurological Diseases to support her work on astrocyte senescence in neurodegenerative disease. Oleg Alekseev (2012) and Gregory Botta (2010) were awarded F30 fellowships from the National Institute of Diabetes, Digestive and Kidney Diseases for their work on novel treatments for herpes virus esophagitis and pancreatic cancer signaling and metastasis, respectively.



Drexel Physicians Named 'Top Docs'

Philadelphia magazine has published its annual list of the region's "Top Doctors" in various specialties. The list can be found in the May issue of the magazine on newsstands now. Congratulations to the following Drexel University College of Medicine physicians who made the list:

- Endla K. Anday***: Neonatal-Perinatal Medicine
– St. Christopher's Hospital for Children
- Kiersten W. Arthur***: Sports Medicine
– St. Christopher's Hospital for Children
- Jeffrey D. Bedrick**: Addiction Psychiatry – Friends Hospital
- Margo I. Boigon***: Internal Medicine
– Abington Memorial Hospital
- Fernando B. Bonanni Jr.***: Surgery
– Abington Memorial Hospital
- Joseph M. Boselli**: Internal Medicine
– Hahnemann University Hospital
- Todd I. Braun***: Infectious Disease
– Abington Memorial Hospital
- Susan B. Conley***: Pediatric Nephrology
– St. Christopher's Hospital for Children
- Nicole DeLarato***: Ophthalmology
– St. Christopher's Hospital for Children
- Maria Delivoria-Papadopoulou***: Neonatal-Perinatal Medicine – St. Christopher's Hospital for Children
- Francesco De Luca***: Pediatric Endocrinology
– St. Christopher's Hospital for Children
- Mark E. Dovey***: Pediatric Pulmonology
– St. Christopher's Hospital for Children
- Howard J. Eisen**: Cardiovascular Disease
– Hahnemann University Hospital
- Eric N. Faerber***: Diagnostic Radiology
– St. Christopher's Hospital for Children
- Jill A. Foster***: Pediatric Infectious Disease
– St. Christopher's Hospital for Children
- Thomas G. Frazier***: Surgery – Bryn Mawr Hospital

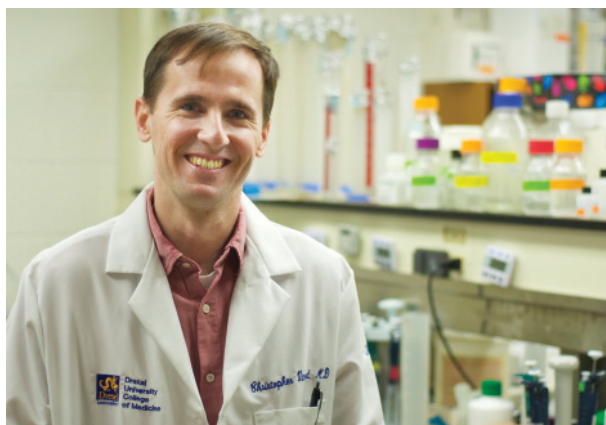
- Michael J. Glassner***: Reproductive Endocrinology
– Bryn Mawr Hospital
- Paul M. Glat***: Plastic Surgery – Bryn Mawr Hospital
- Donald P. Goldsmith***: Pediatric Rheumatology
– St. Christopher's Hospital for Children
- Bradley P. Grayum***: Neurology
– Crozer-Chester Medical Center
- Karl E. Grunewald***: Thoracic and Cardiac Surgery
– Crozer-Chester Medical Center
- Linwood R. Haith Jr.***: Surgery
– Crozer-Chester Medical Center
- Gregory E. Halligan***: Pediatric Hematology-Oncology
– St. Christopher's Hospital for Children
- Martin J. Herman***: Orthopaedic Surgery
– St. Christopher's Hospital for Children
- Rima H. Himelstein***: Adolescent Medicine
– Crozer-Chester Medical Center
- Mary T. Hofmann***: Geriatric Medicine
– Abington Memorial Hospital
- Eugene S. Hong**: Sports Medicine
– Hahnemann University Hospital
- Norman A. Johanson***: Orthopaedic Surgery
– Hahnemann University Hospital
- Ellie Kelepouris**: Nephrology
– Hahnemann University Hospital
- Lydia T. Komarnicky**: Radiation Oncology
– Hahnemann University Hospital
- Michael J. Korman***: Pulmonary Disease
– Mercy Fitzgerald Hospital
- Agustin Legida***: Child Neurology
– St. Christopher's Hospital for Children
- William J. Mannella Jr.***: Surgery
– Crozer-Chester Medical Center
- Nathalie May**: Internal Medicine
– Hahnemann University Hospital
- James T. McGlynn***: Orthopaedic Surgery
– Crozer-Chester Medical Center

NIH Career Development Award

Christopher Vinnard, MD, MPH, MSCE, assistant professor of medicine, Division of Infectious Diseases & HIV Medicine, has received a five-year, \$604,800 K23 career development award from the National Institutes of Health. Vinnard will use these funds to explore the interaction between HIV infection and the absorption of the anti-tuberculosis drug rifampicin, which is considered the key drug in a short-course TB regimen.

HIV-infected patients can exhibit a type of gut dysfunction that leads to malabsorption of rifampicin, making TB infection in this population more difficult to treat. The first goal of Vinnard's research will be to determine whether rifampicin malabsorption is more common in HIV-infected individuals who have other evidence of intestinal inflammation and dysfunction, such as the presence in the bloodstream of intestinal bacterial products and a protein that is released when enterocytes are damaged. This work will be carried out as part of a study currently under way in Gaborone, Botswana.

The second goal is to determine whether antiretroviral therapy can lead to an improvement in an HIV-infected person's ability to absorb rifampicin. If not, future studies will explore new therapies that could be given alongside ART to restore this function, offering the potential to



Christopher Vinnard, MD, MPH, MSCE, assistant professor of medicine, Division of Infectious Diseases & HIV Medicine, has received an NIH Career Development Award.

transform the treatment of HIV/tuberculosis co-infected patients throughout the world.

The NIH awards K23 grants to investigators who have committed to engaging in patient-oriented research. Particular consideration is given to the strength of the research environment, including the expertise and accomplishments of the candidate's mentor. Vinnard will be mentored by Jeffrey Jacobson, MD, professor of medicine, and chief of the Division of Infectious Diseases & HIV Medicine.

- Francis X. McNesby Jr.*:** Pediatrics
– St. Christopher's Hospital for Children
- Joseph J. Melvin*:** Child Neurology
– St. Christopher's Hospital for Children
- Owen C. Montgomery:** Obstetrics & Gynecology
– Hahnemann University Hospital
- Matthew L. Moront*:** Pediatric Surgery
– St. Christopher's Hospital for Children
- John D. Murphy*:** Pediatric Cardiology
– St. Christopher's Hospital for Children
- Stephen C. Nelson*:** Infectious Disease
– Crozer-Chester Medical Center
- Joel S. Noumouff*:** Gynecologic Oncology
– Crozer-Chester Medical Center
- Paul Nyirjesy:** Obstetrics & Gynecology
– Hahnemann University Hospital
- Lee Pachter*:** Pediatrics
– St. Christopher's Hospital for Children
- Lauren A. Plante:** Maternal & Fetal Medicine
– Hahnemann University Hospital
- Wayne H. Pinover*:** Radiation Oncology
– Abington Memorial Hospital
- David J. Reich*:** Surgery – Hahnemann University Hospital
- James C. Reynolds:** Gastroenterology
– Hahnemann University Hospital
- Scott D. Richard*:** Gynecologic Oncology
– Hahnemann University Hospital
- David Rose*:** Surgery – Bryn Mawr Hospital
- Rene Rothstein-Rubin*:** Medical Oncology
– Hahnemann University Hospital

- Robert T. Sataloff*:** Otolaryngology
– Hahnemann University Hospital
- Barbara A. Schindler:** Psychiatry
– Hahnemann University Hospital
- Robert E. Steckler*:** Urology
– St. Christopher's Hospital for Children
- David E. Stein:** Colon & Rectal Surgery
– Hahnemann University Hospital
- Marc I. Surkin*:** Otolaryngology – Bryn Mawr Hospital
- Danna Tauber*:** Pediatric Pulmonology
– St. Christopher's Hospital for Children
- Stephen R. Walker*:** Urology
– Crozer-Chester Medical Center
- William J. Warning II*:** Family Medicine
– Crozer-Chester Medical Center
- Michael S. Weingarten:** Vascular Surgery
– Hahnemann University Hospital
- Kristine E. Whitmore*:** Urology
– Hahnemann University Hospital
- Allan E. Wule*:** Ophthalmology
– Abington Memorial Hospital
- D. Mark Zebley*:** Colon & Rectal Surgery
– Abington Memorial Hospital
- Alan H. Zweben*:** Internal Medicine
– Crozer-Chester Medical Center
- David A. Zwillenberg*:** Pediatric Otolaryngology
– St. Christopher's Hospital for Children

**This physician is a non-compensated member of the teaching faculty of Drexel University College of Medicine.*

Sports Medicine Hosts Traveling Fellow

Drexel Sports Medicine welcomed a distinguished guest speaker to the Philadelphia Sports Medicine Conference, which was held March 29 at Hahnemann University Hospital. Peter Brukner, OAM, MBBS, a world-renowned

sports medicine clinician and researcher from Australia, came to the conference as the first international sports medicine traveling fellow hosted by the American Medical Society for Sports Medicine. Drexel University was one of a few stops selected for Brukner to visit prior to continuing to New Orleans, where he was the keynote speaker at the society's annual meeting.

Brukner (center) is pictured with participants in the Philadelphia conference (l-r): Stella Volpe, PhD, professor of nutrition sciences, Drexel College of Nursing & Health Professions; Matthew Grady, MD, the Children's Hospital of Philadelphia; David Webner, MD, Crozer-Keystone Health System; Mark Lavallee, MD, WellSpan Health; Eugene Hong, MD, Drexel Sports Medicine and Hamot and Sturgis Endowed Chair of Family, Community and Preventive Medicine, Drexel University College of Medicine; and Marc Hardwood, MD, Rothman Institute.



Local Heroes

In late 2013, security officers Ashley McKinney and Eliseo Perez came to the aid of a man in a wheelchair, who was trapped on a burning bus outside a Drexel Medicine building on Broad Street. McKinney saw smoke pouring from the Community Transit bus and went to investigate. The other passengers had left the bus, but the fire had disabled the electronic ramp, preventing the man from getting out. McKinney and Perez came up with a plan to get the man off the bus and safely onto the sidewalk. The rescue was successful. The Drexel Medicine clinical practices proudly recognized the officers' bravery with a Service Excellence Award.



Security guards Ashley McKinney and Eliseo Perez were recognized for bravery.

Archbishop Discusses Medicine as a Vocation

Philadelphia Archbishop Charles J. Chaput was invited to an informal roundtable event hosted by the Catholic Medical Association—Student Section on Wednesday evening, April 9, at the Queen Lane Campus. Medicine as a vocation was the main area of discussion. The archbishop also addressed the future of the Catholic Church and

complicated moral issues facing Catholic physicians.

Participating were (l-r) Luke Gatta (secretary/treasurer of the student group), Stefanie Cherry, Jocelyn Shubella, Rafi Fernandez, AD Hammershaimb, Megan Prilutski, Jason Woloski (president), Archbishop Chaput, John Nawn, Richard Hamilton, MD; Dean Daniel Schidlow, MD; Francis McNesby, MD; and Robert DeSilverio, MD (faculty adviser).



Medical Student Research Day

The third annual Medical Student Research Day, held on March 13, drew 64 poster submissions in three categories of research: MD/PhD students, who work full time on their research between years 2 and 3 of medical school; basic science research; and clinical research. Faculty volunteers judged the posters for content, presentation and appearance.

Following the poster presentations, the keynote lecture was

given by Jean Bennett, MD, PhD, tenured professor of ophthalmology and cell and developmental biology, and vice chair for research in ophthalmology at the University of Pennsylvania. Jane Clifford, PhD, professor and chair of the Department of Biochemistry & Molecular Biology, and associate dean for medical student research, organized and presided over the event.

MD/PhD Awards

1st Place

Kelly Donovan, first-year MD/PhD student, for her project in the laboratory of Jane Clifford in the Department of Biochemistry & Molecular Biology.

Tim Beck, fourth-year MD/PhD student, second year in the Molecular Cell Biology and Genetics PhD program, working in the laboratory of Erica Golemis at Fox Chase Cancer Center.

2nd Place

John Lee, fourth-year MD/PhD student in the Medical Engineering PhD Program, working in the laboratory of Simon Giszter in the Department of Neurobiology & Anatomy.

Basic Science/Research-Based Awards

1st Place

Ali Naqvi, second-year medical student, who worked in the laboratory of John Houlié in the Department of Neurobiology & Anatomy.

2nd Place

Randall Lee, first-year medical student, who worked with Terry Natalie at The Children's Hospital of Philadelphia.

Sean Breslin, second-year medical student, who worked in the laboratory of Mauricio Reginato, in the Department of Biochemistry & Molecular Biology in collaboration with Nancy MacGarvey, Department of Pediatrics, at St. Christopher's Hospital for Children.

Ronald Paranal, second-year medical student, who worked in the laboratory of James Bradner at the Dana Farber Cancer Institute.

Clinical Research Awards

1st Place

W. Paul Bassett, third-year medical student, who worked with Shannon Safier, Departments of Orthopedic Surgery and Pediatrics, at St. Christopher's Hospital for Children.

2nd Place

Aaron Hodes, fourth-year medical student, who worked with Maya Lodish at the National Institute of Child Health and Development.

Jason Liu, second-year medical student, who worked with Marina Cuchel at the University of Pennsylvania.



Kelly Donovan, who won a first prize, is pictured with keynote speaker **Jean Bennett, MD, PhD**.



Tim Beck, a winner in the MD/PhD category, presents his poster.



Ali Naqvi receives his first place certificate from **Jane Clifford, PhD**, who founded the annual event.



Dr. Baas

Peter Baas, PhD, professor, Department of Neurobiology & Anatomy, gave a platform presentation, "Microtubules: Loss-of-Function and Gain-of-Function Mechanisms Contributing to Neurodegeneration," at the 45th annual meeting of the Society for Neurochemistry, held March 8-12 in Long Beach, Calif.



Dr. Block

Timothy M. Block, PhD, a professor in the Department of Microbiology & Immunology and director of the Drexel Institute for Biotechnology and Virology Research, has joined the board of directors of ContraVir Pharmaceuticals, Inc.

Daniel J. Chandler, PhD, postdoctoral fellow; Carolyn S. Lamperski, former master's student; and **Barry Waterhouse, PhD**, professor of neurobiology and anatomy, published "Identification and Distribution of Projections from Monoaminergic and Cholinergic Nuclei to Functionally Differentiated Subregions of Prefrontal Cortex" in the *Journal of Brain Research* [Volume 1522], July 2013.

In addition, Chandler, **Wen-Jun Gao, PhD**, associate professor in the Department of Neurobiology & Anatomy, and Waterhouse are the authors of "Heterogeneous Organization of the Locus Coeruleus Projections to Prefrontal and Motor Cortices" in *Proceedings of the National Academy of Science* (in press).



Dr. Detloff

Megan R. Detloff, PhD, instructor in the Department of Neurobiology & Anatomy; **Evan J. Smith**, fourth-year medical student; **Daniel Quiros Molina**, research assistant; **Patrick Ganzer, PhD**, postdoctoral fellow; and **John D. Houlé, PhD**, professor of neurobiology and anatomy

and director of the Spinal Cord Research Center, published "Acute Exercise Prevents the Development of Neuropathic Pain and the Sprouting of Non-peptidergic (GDNF and Artemin-Responsive) C-Fibers After Spinal Cord Injury" in *Experimental Neurology* 2014, 19:255. This work was supported by the Paralyzed Veterans of America Fellowship awarded to Detloff and a National Institutes of Health R01 grant awarded to Houlé.



Dr. Eiser

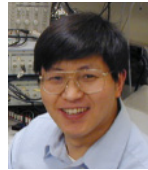
Arnold R. Eiser, MD, professor of medicine and associate dean for Mercy programs, is the author of *The Ethos of Medicine in Postmodern America: Philosophical, Cultural, and Social Considerations* (Lexington Books, Rowman & Littlefield, 2014). In addition, he was

inducted as a master of the American College of Physicians on April 10 during the ACP's annual meeting.



Dr. España

Rodrigo A. España, PhD, assistant professor in the Department of Neurobiology & Anatomy, and his co-investigator, Caroline Bass, PhD, assistant professor at the University of Buffalo, were awarded a five-year National Institute on Drug Abuse-funded R01 grant in the amount of \$1.125 million for "Hypocretin/Orexin Regulation of Dopamine Signaling and Cocaine Reinforcement."



Dr. Gao

Wen-Jun Gao, PhD, associate professor in the Department of Neurobiology & Anatomy, was awarded a renewed NIH R01 grant in the amount of \$1.125 million for "The Role of NMDA Receptors in Schizophrenia Pathological Processes." Gao's former graduate student, **Kimberly**

R. Urban, PhD '13, has authored "Performance Enhancement at the Cost of Potential Brain Plasticity: Neural Ramifications of Nootropic Drugs in the Healthy Developing Brain" in the journal *Frontiers in System Neuroscience* (in press).

Charlene Glenn, LAT, and **Faith Witherspoon, ALAT**, presented "The Vital Role of Animal Care Technicians in Biomedical Research" at the Delaware Valley Branch of the American Association for Laboratory Animal Science meeting on March 12 in King of Prussia, Pa. Glenn serves as animal caretaker II at the Queen Lane Animal Facility and Witherspoon serves as floor leader at the Calhoun Animal Facility.

Michael A. Goldfarb, MD, professor of surgery, was selected to receive the Physician Leadership Award of the Monmouth Medical Center Foundation. He is the immediate past chair and program director of the Department of Surgery at Monmouth Medical Center, and immediate past president of the New Jersey Chapter of the American College of Surgeons. The award was presented May 10 at the 42nd annual Crystal Ball Gala.



Dr. Greenberg

Michael Greenberg, MD, MPH, professor of emergency medicine and chief of the Division of Medical Toxicology, has been appointed by the U.S. Secretary of Health and Human Services to serve as a member of the Board of Scientific Counselors of the National Institute for Occupational Health and Safety. The primary activity is to provide advice on the institute's research and prevention programs, on standards of scientific excellence, and on the applicability and dissemination of research findings.



Dr. Hamilton

Jennifer Hamilton, MD, PhD, assistant professor of family, community and preventive medicine, has received a vaccine science fellowship from the American Association of Family Physicians. The one-year fellowship focuses on vaccine science and policy issues. Fellows participate in meetings of public health and immunization experts, federal and state vaccine policy groups, and

vaccine manufacturers, with the goal of improving immunization rates among all U.S. patient populations.



Mr. Hinson

Maurice Hinson, third-year medical student, has been selected to receive the Excellence in Public Health Award from the U.S. Public Health Service (see page 17).



Dr. Houle

John Houle, PhD, professor in the Department of Neurobiology & Anatomy and director of the Spinal Cord Research Center, and his co-investigator Jeff Twiss, MD, PhD, former chair of Drexel University's Department of Biology, have been awarded a five-year NIH R01 grant titled

"Modifying Intrinsic Growth Capacity Through Axonal mRNA Translation."

Houle was invited to give a talk, "Exercise Dependent Plasticity After Spinal Cord Injury," at the International Neurotrauma Symposium, held in Budapest, Hungary, in March.



Dr. Jain

Pooja Jain, PhD, associate professor of microbiology and immunology, gave an invited talk, "Targeting HIV Dendritic Cell Reservoir by Inhibiting Lectin-Glycan Interaction," during the 12th International Symposium on NeuroVirology, held October 30 in Washington, D.C.



Dr. Kresh

J. Yasha Kresh, PhD, professor and research director, Department of Cardiothoracic Surgery, and professor of medicine in the Division of Cardiology, was elected a fellow of the American Physiological Society (Cardiovascular Section). He was recognized for seminal

contributions to the basic understanding of cardiac mechanics and energetics; coronary circulation dynamics; cardiac self-regulation and adaptation; cellular mechanosensing and molecular mechanotransduction.



Ms. Landicho

Ashley Landicho, a Drexel MD/MBA student, presented a poster, "Recharting the Borders," at the American Medical Student Association annual convention, held March 6-9 in New Orleans. Recharting the Borders is a student-run interdisciplinary seminar series Landicho coordinated at Drexel to bring together speakers and students from a range of fields to discuss issues pertaining to the health care industry.



Dr. Li

Yan-Chun Li, PhD, instructor in the Department of Neurobiology & Anatomy, was awarded a two-year NIH R03 grant in the amount of \$100,000 for "Role of NMDA Receptors in Schizophrenia Pathological Processes."

Calendar

June

Men's Health Month

6 **13th Annual Faculty Development Day**
Queen Lane Campus, 8:30 a.m. – 3:30 p.m.
Speaker: Richard Frankel, PhD, professor of medicine, Indiana University School of Medicine
Information: tracey.mccafferty@drexelmed.edu

16–20 **International Symposium on Molecular Medicine & Infectious Disease**
Center City Campus
Information: drexelmed.edu/immid
See page 7.

July

Juvenile Arthritis Awareness Month

14 **Stamatakis Golf Classic**
Philadelphia Cricket Club
Information: drexelmed.edu/golf



August

National Immunization Awareness Month

8 **White Coat Ceremony**
Hilton Philadelphia City Avenue
4200 City Avenue

September

Prostate Cancer Awareness Month

5 **Careers Beyond the Bench**
Daylong professional program
Graduate School of Biomedical Sciences and Professional Studies

October

Domestic Violence Awareness Month

1–2 **Graduate Alumni Research Forum**
2 **Discovery Day**
7 **Drexel University Convocation**
University City Campus, Main Building, 11 a.m.

Save the Date

April 17–19, 2015

Fifth National Forum on Women's Issues in Gastroenterology and Hepatology
Drexel University College of Medicine
Information: email cme@drexel.edu

Alumni: For information about alumni events, please call 215.255.7345 or 866.373.9633 (toll free), or email medical.alumni@drexel.edu; website: drexelmed.edu/alumni



Dr. Khan

Sharron Manuel, MD/PhD '13; Mohit Sehgal, doctoral candidate; **Zafar Kamal Khan, PhD**, professor; **Pooja Jain, PhD**, associate professor, all in the Department of Microbiology & Immunology, and colleagues published "Lack of Recall Response to TAX in ATL and HAM/

TSP Patients but Not Asymptomatic Carriers of Human T-cell Leukemia Virus Type 1" in the September 2013 issue of *Journal of Clinical Immunology*.

The same authors also published "An Altered Maturation and Adhesion Phenotype of Dendritic Cells in Diseased Individuals Compared to Asymptomatic Carriers of Human T-cell Leukemia Virus Type 1" in the September 2013 issue of *AIDS Research and Human Retroviruses*.

Shet Masih, PhD, postdoctoral researcher; **Pooja Jain, PhD**, associate professor; **Rasha El Baz, MS**, laboratory manager; and **Zafar Kamal Khan, PhD**, professor, are authors of the chapter "Transgenic Animals and Their Applications" in *Animal Biotechnology: Models in Discovery and Translation* (Elsevier Science Publications, 2013).



Dr. McLeer

Susan V. McLeer, MD, professor and chair emerita of psychiatry, has been reappointed to the American Psychiatric Association's national Council on Healthcare Systems and Financing. She has also been appointed to chair a committee, as well as serve on another national committee, for the American College of Psychiatrists.



Dr. Núñez

Ana E. Núñez, MD, professor of medicine; associate dean for urban health equity, education and research; and director of the Women's Health Education Program, has been awarded the 2014 Community College of Philadelphia Distinguished Leadership Award for

contributions to community enrichment and outstanding support to education in the service areas of the West Regional Center of CCP. A special ceremony took place on May 1 as part of CCP's Celebrating the College Family Week events.



Dr. Peitzman

Steven J. Peitzman, MD, professor of medicine in the Division of Nephrology, was awarded the Nicholas E. Davies Memorial Scholar Award by the American College of Physicians, which is given for outstanding contributions to humanism in medicine through scholarly activities in

history, literature, philosophy and ethics. The award was presented at ACP's annual convocation ceremony on April 10 in Orlando. The winner delivers the annual Davies lecture. In his presentation, "Guidelines or Constitution? A Vignette from 19th-Century Medical Practice," Peitzman discussed how a close look at one clinical decision of a

19th-century physician in Germantown can shed light on some current concerns in medical practice.

Anand Rao, a doctoral student in the laboratory of **Peter Baas, PhD**, professor, Department of Neurobiology & Anatomy, gave a platform presentation, "Cytoplasmic Dynein Clears the Axon of Mal-Oriented Microtubules," at the 45th annual meeting of the Society for Neurochemistry, held March 8-12 in Long Beach, Calif.



Mr. Rusnak

William Rusnak, a fourth-year medical student, published an article, "One More Step Toward Bionic Living: Replacing a Pancreas With Technology," on *pharmaphorum.com* (April 1, 2014).



Dr. Nonnemacher



Dr. Wigdahl

Jasmine Shirazi, MS '13; Sonia Shah, PhD '12; Divya Sagar, doctoral candidate; **Michael Nonnemacher, PhD**, assistant professor; **Brian Wigdahl, PhD**, professor

and chair; **Zafar Kamal Khan, PhD**, professor; and **Pooja Jain, PhD**, associate professor, all in the Department of Microbiology & Immunology, published "Epigenetics, Drugs of Abuse, and the Retroviral Promoter," an invited review, in the December 2013 issue of *Journal of Neuroimmune Pharmacology*.



Dr. Spector

Nancy D. Spector, MD, professor of pediatrics, received the Miller-Sarkin Mentoring Award from the Academic Pediatric Association. The award was presented during the Pediatric Academic Societies and Asian Society for Pediatric Research Joint Meeting held May 3-6 in Vancouver. Spector is director of the Pediatric Residency program at St. Christopher's Hospital for Children.



Dr. Tom

Veronica Tom, PhD, assistant professor in the Department of Neurobiology & Anatomy was awarded a five-year NIH-funded R01 grant in the amount of \$1,093,750 for "Multipronged Approach to Promote Functional Axonal Regeneration After Spinal Cord Injury."

Rani Vasudeva, PhD, postdoctoral fellow, and **Barry Waterhouse, PhD**, professor of neurobiology and anatomy, authored "Cellular Profile of the Dorsal Raphe Lateral Wing Sub-region: Relationship to the Lateral Dorsal Tegmental Nucleus" in the *Journal of Neurochemistry* (in press).

Compliance & Privacy

Promoting Transparency Through Policy

Annually, College of Medicine faculty and professional staff are required to review the Conflict of Interest Policy and the Code of Conduct, and complete a conflict disclosure and federal sanction attestation.

The federal government now also requires pharmaceutical and medical device manufacturers to itemize and report payments to physicians.

The industry reports will be placed on a public-facing and readily accessible website, by clinician and company. Patients will be able to view and evaluate the business relationships between their clinician and the pharmaceutical and device industries from a smartphone in the office waiting area.

Having faculty and professional staff complete

the policy reviews and potential conflict disclosures and sanction attestation enables the department chair or the administrative leader of an activity to review and develop a management plan for actual conflicts.

The required process enables the College to satisfy important responsibilities of health care organizations that provide care to patients and accept federal funds for program support and research.

The completion of the annual process is a key component of the compliance program and helps to prevent misconduct while protecting our College and University.

The sanction check is another critical component of our compliance program. Verification that business partners and vendors are not under sanction by federal or state agencies is a key step in the contract review process. Conducting business with a sanctioned company or individual can result in fines of over \$10,000 per day.

To improve the efficiency of the Compliance Office in responding to sanction check requests, beginning June 1, requests should be emailed to Linda Thomas (lthomas@drexelmed.edu) with the subject line "sanction check request." Include a scan of the form or provide the full company name in the email.

Call the Chief Compliance and Privacy Officer with questions about conflict of interest, the code of conduct or federal sanction checks.

We never guess ... we ask! Call anytime to ask a compliance or privacy question, or to request compliance or privacy training: 215.255.7819

Confidential compliance hotline: 866.936.1010 or visit drexelmed.edu/ComplianceHotline



Dr. Vearrier

David J. Vearrier, MD, assistant professor of emergency medicine and program director for the Medical Toxicology Fellowship program, delivered a platform presentation, "Characterization of the Healthy Worker Effect Among Residents of the United States," at the American

Occupational Health Conference, held April 27-30 in San Antonio, Texas.



Dr. Waterhouse

Barry Waterhouse, PhD, professor of neurobiology and anatomy, was awarded a five-year National Institute of Mental Health-funded R01 grant in the amount of \$1.25 million for "Heterogeneous Properties of LC Efferents to Modality-Specific Terminal Fields."

Waterhouse, with former postdoctoral fellow Huaixing Wang, PhD (first author), and **Wen-Jun Gao, PhD**, associate professor, Department of Neurobiology & Anatomy, published "Selective Suppression of Excitatory Synapses on GABAergic Interneurons by Norepinephrine in Juvenile Prefrontal Cortical Microcircuitry" in the journal *Neuroscience*, Volume 246, August 29, 2013.

Waterhouse gave an invited presentation, "Baseball, Psychostimulants, and Norepinephrine?" on February 19 at the Center for Substance Abuse Research, Temple University School of Medicine.

Ruofan Yao, MD, MPH, third-year obstetrics and gynecology resident; **Bo Y. Park, MPH**, doctoral candidate, Drexel School of Public Health; **Leanne Pereira, MD '13**; and **Lauren A. Plante, MD, MPH**, professor of obstetrics and gynecology, are authors of "Obesity and the Risk of Stillbirth: A Population-Based Cohort Study," presented at the 2014 SMFM annual meeting, held February 3-8 in New Orleans, and accepted for publication by the *American Journal of Obstetrics & Gynecology* (pub ahead of print March 27).



Dr. Clark

Gerard A. Zitnik, PhD, postdoctoral fellow; **Brian Clark, PhD**, research assistant professor; and **Barry Waterhouse, PhD**, professor, all in the Department of Neurobiology & Anatomy, published "The Impact of Hemodynamic Stress on Sensory Signal Processing in the

Rodent Lateral Geniculate Nucleus" in *Brain Research*, Volume 1518, June 2013. This group also authored "Effects of Intracerebroventricular Corticotropin Releasing Factor on Sensory-Evoked Responses in the Rat Visual Thalamus" in the *Journal of Brain Research* (in press).

'50s

John L. Wright, MD, HU '56, has retired from medical practice and is working on his fourth collection of poetry. The winter/spring issue of *Drexel Magazine* listed "John Wright '56" under "Friends We'll Miss," but John L. Wright, MD, HU '56, is alive and well and living in the Seattle area.

'60s

Judith L. Meyer, MD, WMC '61; Obstetrics & Gynecology Resident, WMC, who retired from practice in 2000, is taking continuing education courses at Calvin College, her undergraduate alma mater. She has served for years as an alternate delegate to the Michigan State Medical Society.

David Rilling, MD, HU '66, a general surgeon, joined the Lock Haven Hospital and Haven Surgical Associates in Lock Haven, Pa.

Veronica A. Santilli, MD, HU '66, a pediatrician at Brook Island Pediatric Group in Brooklyn, N.Y., was one of the honorees at the third annual Top Women in Business networking awards dinner, recognizing influential Brooklyn women whose achievements have inspired others.

'70s

Francis N. DeLuca, MD, HU '71, has been appointed to the New Jersey State Board of Medical Examiners by Governor Chris Christie. He is a practicing orthopedic surgeon, former chief of orthopedic surgery at Overlook Medical Center, Summit, N.J., and former chair of the Department of Surgery at Overlook Medical Center–Atlantic Health Systems. He is certified by the American Board of Orthopaedic Surgery and is a fellow of the American College of Surgeons and the American Academy of Orthopaedic Surgeons.

George J. Amrom, MD, HU '72; Surgery Resident, HU '77, associate professor and vice chair of the Department of Surgery, was recognized by *Becker's Hospital Review* in its list of "100 Hospital and Health System CMOs to Know," for his role as vice president for medical affairs at Hahnemann University Hospital. He has served in that position since 1997. He also serves as chief quality officer for the College of Medicine.

Thomas J. Zaydon Jr., MD, HU '78, chief of plastic surgery at Mercy Hospital in Miami, was appointed president of the Florida Society of Plastic Surgeons. He is past president of the Miami Society of Plastic Surgery. Zaydon is a second-generation plastic surgeon.

Ihor S. Sawczuk, MD, HU '79, executive vice president and chief medical officer of Hackensack University Medical Center in Hackensack, N.J., was named to *Becker's Hospital Review's* "100 Hospital and Health System CMOs to Know."

Joseph A. Scopelliti, MD, HU '79, was promoted to CEO at Guthrie Clinic in Sayre, Pa., where he continues to be a practicing gastroenterologist. Scopelliti has been at Guthrie Clinic since 1984. He is a clinical instructor with SUNY Upstate Medical University at Syracuse, N.Y., and an associate clinical professor of medicine at the University of Rochester, Rochester, N.Y.

'80s

Marcela Bohm-Velez, MD, MCP '81, president of Weinstein Imaging Associates, PC, in Pittsburgh, Pa., was one of six women selected by *Pittsburgh Magazine* for "Spotlight on Women in Business: February 2014." Bohm-Velez has been with Weinstein Imaging since 1999.

Hy J. DePamphilis, MD, MCP '82, joined the hospitalist staff of Penn Highlands Clearfield in Clearfield, Pa. DePamphilis is board certified in internal and geriatric medicines and most recently practiced as a hospitalist at Mount Nittany Medical Center in State College, Pa.

Douglas Berson, MD, MCP '83, an allergist and immunologist, was profiled in an article in the *Ralph County Herald Tribune*, a local Illinois newspaper. Berson joined the outpatient specialty consulting staff at Memorial Hospital in Chester, Ill. in 1996 and has since established a large client base of allergy patients from the Chester area.

Ira Gubernick, MD, MCP '84, a board-certified orthopedic surgeon, joined MedStar Orthopaedics at their Maryland locations in Bel Air, Dundalk and Rosedale.

Richard T. Penly, MD, HU '84, has been appointed co-medical director at Consulate Health Care of Vero Beach, Fla., a skilled nursing and rehabilitation center. He is in practice with Primary Care of Treasure Coast, seeing patients at the Vero Beach office and Indian River Medical Center.

Janice M. Smiell, MD, MCP '84; Surgery Resident, HU '85, was appointed chief medical officer at Alliqua, Inc., a biopharmaceutical company located in Langhorne, Pa., focused on the development, manufacturing and distribution of proprietary transdermal wound care and drug delivery technologies.

Karen Furst, MD, MCP '85, announced her retirement as the health officer for San Joaquin County Public Health Services, San Joaquin County, Calif. Furst, who was appointed in 1997, previously served as assistant health officer for the county.

Jim Winkler, PhD, MCP '87, was appointed chief scientific officer at Arvinas, Inc., a biotechnology company creating a new class of drugs based on protein degradation, located in New Haven, Conn. Winkler has 30 years of drug discovery and development experience, most recently with Array BioPharma.

• continued on page 18

Paying It Forward: Maurice Hinson

Maurice Hinson, Class of 2015, doesn't believe in using business as an excuse. You make time for what's important, for what you value, he insists. So while the third-year medical student may be busy with academics, clinical rotations and community leadership, he will always invest in mentoring others. An award-winning student and researcher, Hinson knows he would not be where he is if not for others' conscientious mentoring.

A Philadelphia native, Hinson was raised by his father, a heavy equipment operator for the city Streets Department. Although his Pop did not graduate from high school, he has had a tremendous influence on Hinson's education.

"What he instilled in me was being resourceful, not being afraid to ask questions, being independent," Hinson says.

"That's carried me a long way."

That resourcefulness carried Hinson through high school. He had the grades for college, but was unsure what applying entailed. He thought joining the Navy would help, when a college counselor, Kharma Jones, entered the picture.

"She took me under her wing and really guided me about how to go throughout this entire process," he says.

"She's the reason I ended up going to [Johns] Hopkins."

Through determination and ingenuity, Hinson ended up working in the neuroscience labs at Hopkins. Home from Baltimore for the summer, he parlayed that experience into a research job in the lab of Phyllis Dennerly, MD, chief of neonatology at The Children's Hospital of Philadelphia.

Dennerly was a "phenomenal mentor" to Hinson. He recalls, "One of the first things she told me was that I wasn't going to be allowed to just clock in and clock out. She wanted me to play an active role in the lab." To that end, Hinson wrote abstracts and grants, created posters and presented at conferences. Many in Dennerly's lab won awards for their work, and Hinson was no exception.

After graduating from Hopkins with his degree in neuroscience, Hinson conducted research for two years at CHOP before entering the College of Medicine through its Drexel Pathway to Medical School program. What he appreciates most about the College, he says, is "how supportive it is, from the faculty down to the students." For instance, he cites Sherita Glenn, program director for the Office of Diversity in Medicine, for her guidance. "Since my first year, Mrs. Glenn has demonstrated a genuine interest in my well-being and success in school," Hinson

says. "Her willingness to go out of her way is uncanny."

Hinson himself is one of the first students to offer support to others. In 2012, in conjunction with the Student National Medical Association, and under the guidance of Sherita Glenn, Hinson developed the Drexel University College of Medicine Mentoring and Pipeline Program. Its goal is to introduce underserved high school students to careers in medicine, mentor them in professionalism and healthy lifestyles, and encourage community service. For his efforts, Hinson was presented with the Excellence in Public Health Award in 2014 from the U.S. Public Health Service.

Despite receiving the award, Hinson is reluctant to take credit for the mentoring program, insisting that it's a collaborative effort between New Media Technology Charter School, SNMA, and the College. He has been involved with other mentor-type programs and says that the difference between those and the Pipeline program is unparalleled faculty support. "The way our faculty responded to it is probably the main reason why it's developed into the type of program it is today," he observes.

While it might be easy for Hinson to rest on his laurels, he remains passionate about mentoring, particularly in the medical profession. "You make

time for things that are important to you," he says. He finds mentoring to be critical since he believes that a lack of access to good mentors plays a significant role in the underrepresentation of minorities in medicine.

Hinson knows how mentoring has influenced his own journey. "Throughout my entire life, I've always either found someone or someone found me and took me under their wing and showed me how to get to the next level. I definitely would not be in this position had it not been for the people who've come into my life and really supported me the way they have." He quickly cites his Pop, Jones, Dennerly and Glenn, yet there are more.

"Sometimes you can avoid failure by asking someone else who's already done it. That's a big concept within mentoring," he says. Since Hinson has accomplished so much while still a student, one can only wonder what he will achieve — and how many he will guide — throughout his career. He has recently chosen to pursue internal medicine. Perhaps 10 years from now, there will be a boom in internists from Philadelphia.



Third-year student Maurice Hinson is both mentor and mentee. Here, he listens to a patient.

'90s

Darsit Shah, MD, MCP '91, board certified in otolaryngology and head and neck surgery, joined ENT and Allergy Associates, LLP, at Central Jersey Otolaryngology located in Shrewsbury Township, N.J. He was previously in practice in New York.

Glenn W. Stambo, MD, HU '91, a vascular and interventional radiologist in Tampa, Fla., recently co-authored "Does Modern Ischemic Stroke Therapy in a Large Community-Based Dedicated Stroke Center Improve Clinical Outcomes? A Two-Year Retrospective Study" published in the *Journal of Stroke and Cerebrovascular Diseases*.

Robert C. Ashton Jr., MD, MCP '92, was appointed chief medical officer of MYOS Corporation, a biotherapeutics and bionutrition company based in Cedar Knolls, N.J. Ashton, a board-certified thoracic and general surgeon, was chief medical officer of Advanced Practice Strategies, Inc., prior to joining MYOS. He is a member of the board of directors of Jenrin Discovery and CytImmune Sciences.

Thomas J. Riordan, MD, MCP '93, was invited to join the Pennsylvania State Methadone Death and Incident Review Team, under the Department of Drug and Alcohol Programs.

Ali Sajjadian, MD, HU '93, a plastic surgeon based in Newport Beach, Calif., was named a 2014 Physician of Excellence by the Orange County Medical Association and *Orange Coast* magazine.

Stephen Soloway, MD, MCP '93, ranked first in the Qforma Insights 2013 Report *25 Highly Influential Community Physicians Treating Rheumatoid Arthritis*. He is in private practice at Arthritis & Rheumatology Associates of South Jersey.

Gregory Cosgrove, MD, HU '95, has been named chief medical officer of the Pulmonary Fibrosis Foundation, which is based in Chicago. Cosgrove will continue to practice medicine at National Jewish Health in Denver and the University of Colorado-Denver. He is an associate professor of medicine in the Pulmonary Division at National Jewish Health, and the Division of Pulmonary and Critical Care at the University of Colorado School of Medicine.

Susan Sordoni, MD, MCP '97, Family Practice Resident, HU '00, was one of six women selected by the *Wilkes-Barre (Pa.) Times Leader* for "Breaking Barriers and Leaving a Positive Legacy," an article in honor of Women's History Month. Sordoni planned and helped found the Volunteers in Medicine clinic in Wilkes-Barre. She is retired from private practice, and volunteers at the clinic and with other organizations.

Michael A. Bohrn, MD, HU '98, was recently installed as the president of the Pennsylvania College of Emergency Physicians. This is the fourth-largest state chapter in the country.

Ivar Frithsen, MMS, MCP '98; MD '02, board certified in family medicine, has joined the hospitalist program at Valley Regional Hospital in Claremont, N.H. Previously, Frithsen worked as a hospitalist at the Cheshire Medical Center in Keene, N.H.

'00s

Paul Bolno, MD '00, president and CEO of WaVE Life Sciences, was featured in *Drexel Magazine's* 2014 Forty Under Forty (Winter/Spring issue). Bolno earned an MBA from Drexel University's LeBow College of Business in 2004.

David H. Kim, MD '01; DDS, of Lakewood OMF Surgery in Long Beach, Calif., was recognized as a "Southern California Super Dentist" by *Los Angeles* magazine. Kim is a board-certified oral and maxillofacial surgeon.

Andrew Palladino, MD '03, a pediatric endocrinologist at The Children's Hospital of Philadelphia, has recently been appointed as an associate program director for CHOP's pediatric residency program. Palladino developed the first pediatric subspecialty hospitalist model in the country.

Nicole Orr, MD '04, has joined Mary Ann Morse Healthcare Nursing and Rehabilitation Center in Natick, Mass., as a consulting cardiologist.

Michael Sleet, MD '04, a board-certified trauma surgeon, joined Geisinger Community Medical Center in Scranton, Pa. Sleet previously worked as a general surgeon and the trauma medical director at Meadville Medical Center in Pennsylvania.

Hina Lone, MD '08, Internal Medicine Resident '11, joined Sand Lake Physician Associates, part of the Orlando Health family, in Orlando, Fla. Lone is board certified in internal medicine.

Hardik Amin, MD '09, completed his neurology residency at Yale New Haven Hospital, and will be finishing a vascular neurology fellowship at Yale this July. He is now board certified in neurology. After completing his fellowship this summer, he will take a faculty position on the Stroke Service at Yale.



Julia Krout, MLAS '09, received the 2013 Manager of the Year award from the Metro New York branch of the American Association for Laboratory Animal Science. This year she completed the process to become a Certified Manager of Animal Resources, and served as chair of programs and publicity for the 2014 AALAS Tribbranch

Symposium. Krout is manager of logistics, transportation and specialized services, Memorial Sloan Kettering Cancer Center and Weill Cornell Medical College in New York City.

'10s

Clarence Marcus Lee Jr., MD '10, a flight surgeon in the U.S. Air Force, has published a book called *Well, My Mom Says ...* (WestBow Press, 2014) about the discussions he and his three sisters had with their mother growing up. Lee, who is also a graduate of the Drexel Pathway to Medical School program, is currently studying for his MBA at LeBow College of Business at Drexel's Sacramento Campus.

Former Residents and Fellows

Pamela Bassett, DMD; Anesthesiology Resident, MCP '81, was named senior vice president and senior biotechnology analyst at Maxim Group, LLC, an investment banking, securities and wealth management firm headquartered in New York City. Bassett previously served as portfolio manager of Protagoras Life Science Capital.

Kamran Hasni, MD; Internal Medicine Resident, HU '02; Drexel/Hahnemann Nephrology Fellow, HU '04, is a co-author of the book *Doctors vs. Nurses: Collaboration vs. Chaos* (CreateSpace Independent Publishing Platform, December 2013), which discusses the lack of proactive communication between doctors and nurses, and offers suggestions to prevent "mal-communication." Hasni is board certified in internal medicine and nephrology. He is an associate professor of medicine at the University of Kentucky College of Medicine and an adjunct professor at LMU-DeBusk College of Osteopathic Medicine.

Jonathan Kiev, MD; Surgery Resident, HU '94, joined Cancer Treatment Centers of America at Midwestern Regional Medical Center in Zion, Ill., as a thoracic surgeon specializing in procedures to treat cancers of the lung. He is an avid researcher of chemotherapy resistance and sensitivity in lung tumors.

Todd D. Moldawer, MD; Orthopedic Surgery Resident, HU '82, was elected to the board of directors of the Valley Presbyterian Hospital in Van Nuys, Calif. Moldawer is an orthopedic surgeon at the Southern California Orthopedic Institute, Van Nuys, and has been affiliated with Valley Presbyterian Hospital since 1985. He is certified by the American Board of Orthopaedic Surgery and the American Academy of Pain Management.

Karen J. Nichols, MD; Internal Medicine Resident, MCP '91, joined AmeriHealth Caritas VIP Plans, in Philadelphia, as chief medical officer. Nichols came to AmeriHealth Caritas from the Living Independently for Elders program at the University of Pennsylvania, where she served as the chief medical officer.

Cary Rose, MD; Cardiology and Electrophysiology Fellow, HU '94, a cardiologist, joined the medical staff at Good Shepherd Medical Center in Longview, Texas.

Michele Ziskind, MD; Nephrology Resident '04, a dermatologist, was among the Top Doctors named by *Main Line Today*. Ziskind practices at Paoli Hospital in Paoli, Pa.

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In Memoriam

John Michael Brinsko, MD, MCP '77,

February 14, 2014

Arthur B. Byler, MD, HU '55, March 25, 2014

Andra K. Cyronak, MD, HU '94, February 26, 2014

Bernard J. Dlutowski, MD, HU '61, March 25, 2014

Stanley W. Edelstein, MD, HU '57, March 12, 2014

Patricia Yarovote Hagendorn, WMC '60,

February 19, 2014

Helen Johnson, WMC '56, March 15, 2014

David V. Kauffman, HU '57, April 14, 2014

Peter I. Kenmore, HU '47, March 7, 2014

Robert A. Madden, HU '64, February 14, 2014

John B. Sanders, HU '60, March 25, 2014

Geraldine Schaeffer, WMC '58, November 21, 2013

Robert Nelson Shriver, MCP '79, April 5, 2014

Eva Bamberger Stahl, WMC '58, February 17, 2014

Samuel S. Stetzer, HU '57, March 31, 2014

Ihor Zajac, PhD, HU '64, January 12, 2014

Donna Brooks, WMC '65, passed away on March 9 at her home in La Jolla, Calif., at the age of 80. Before attending WMC, Brooks received a degree in physical therapy from Pomona College, where her work with polio patients inspired her to pursue a medical degree. She went on to specialize in obstetrics and gynecology. She was a dedicated educator and mentor, particularly interested in encouraging women to enter the field of obstetrics and gynecology. Brooks had rheumatoid arthritis, which prompted her to stop practicing in 1991. In retirement, she began to sculpt and make jewelry. She is survived by her wife, Cathy Conheim; stepdaughter, Ellie Glasser; and stepsons, Eric and Bruce Weisman.

Michael Stamatakos, HU '53, passed away on February 8, at the age of 90. He received his undergraduate degree from the University of Pennsylvania, and served in the U.S. Army during World War II. Stamatakos spent more than 50 years as a radiologist at Sacred Heart Hospital in Allentown, Pa., receiving an award for Teacher of the Year in the Department of Radiology at Sacred Heart in 1977, and the Physician of the Year award from the Lehigh County Medical Society in 1986. He is survived by his wife, Dorothy; sons, Michael and John; daughters, Elena Ramirez and Carol Miller; 12 grandchildren, including Todd Stamatakos, MD '12; and 11 great-grandchildren.



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Decanus Maximus

This painting was created by Joseph R. DiPalma, MD, PhD, after his first two years as dean of Hahnemann Medical College, a title he held from 1967 to 1982. The painting is featured on the cover of his memoir, which is also titled *Decanus Maximus* ("Big Dean").

DiPalma describes the symbolism of the painting (which he based on the classical medical caduceus) in the preface to the book. He chose an owl for the wisdom and vision that is required of deans. The eight octopus arms hold representations of the various responsibilities a dean must juggle. The owl stands, with the feet of a camel, on an ever-shifting mountain of paperwork, another unavoidable element of his leadership role. Big Dean is being watched over by an eagle (the president) and another owl (the provost).

The painting was donated by the DiPalma family to the Legacy Center, Archives & Special Collections (drexelmed.edu/archives).