



A Look at Drexel Ophthalmology

Vision loss ranks among the top 10 causes of disability in the United States, and it is a condition feared by many. Among the several vision-threatening diseases, two of the most common are diabetic eye disease and age-related macular degeneration.

Drexel University College of Medicine recently partnered with Moore Eye Institute, a leading eye care provider that specializes in retina and diabetic eye care, to support new

research efforts in these areas. Leonard Ginsburg, MD, CDE, chairman of Moore Eye Institute, is the clinical chief of Drexel Ophthalmology and will play a key role in the College's residency program.

Diabetic eye disease is the most common cause of vision loss in Americans ages 20 to 65. High blood glucose and blood pressure can damage the thousands of small capillaries (retinal blood vessels) in the eye. This is known as diabetic retinopathy.

Age-related macular degeneration (AMD) is the most common cause of vision loss in Americans over 65. AMD is a deterioration of the eye's macula, a small area of the retina composed of light-sensitive tissue responsible for your central vision. There are no known causes of AMD, but it can develop as part

of the body's natural aging process. Other risk factors include smoking, poor nutrition and high blood pressure.

Ginsburg, a Philadelphia-area native, founded Moore Eye Institute in 1996. The institute is named after his grandmother, Belle Moore, who suffered from AMD.

"I'll never forget when I was 16 years old and my grandmother told me she couldn't see my face. It tortured her," Ginsburg recalls. "I took her to Harvard's Massachusetts Eye and Ear Infirmary, and there was a great retina surgeon who worked with a low-vision doctor. The surgeon suggested cataract surgery, and starting the day after surgery, she could see my face. We were both crying, and it was at that point that I knew I wanted to be a physician."

After graduating from the University of Pennsylvania School of Medicine, Ginsburg returned to Harvard University to complete a fellowship at Massachusetts Eye and Ear, where he trained with the same surgeon who had helped his grandmother years before. While at Harvard, Ginsburg also did a fellowship at Joslin Diabetes Center and learned to perform several cutting-edge diagnostic tests and treatments. He stayed on at Joslin as faculty until moving home in 1991.



Discovery Day 2015 drew more than 300 poster presentations



Landmark study will look at drug to delay or prevent Alzheimer's



Faculty members gave a warm welcome to new colleagues

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pulse

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Dean's Message

Here we are in a new calendar year, but we are well along in our academic year and looking forward to events that will unfold in the next few months. The Class of 2016 is awaiting Match Day with bated breath, while our admissions officials are busy assembling the Class of 2020. Not that I am so eager for the changing of the guard: The current fourth-year students began their medical education just weeks



Daniel V. Schidlow, MD

after I was appointed Dean, and their progress through the school has been a pleasure to participate in and watch. Yet May will come, bringing with it Commencement, and they will be off. This year we can be consoled in part by the arrival of former graduates for an all-Alumni Weekend that will overlap with Commencement for the first time.

I think the alumni will be proud, as I am, that we have a very high degree of volunteerism in the College of Medicine. The LCME requires that medical schools provide opportunities for students to participate in extracurricular activities, including voluntary service-learning experiences. We have assured that such opportunities exist. We know the students appear to be quite involved and even devise new service programs of their

own. But until recently we have not had the tools to assess the depth and scope of their engagement. Now we are able to collect and analyze this information with an instrument created by Amy Fuchs, MD — an electronic student portfolio. Dr. Fuchs, senior associate dean for student affairs, developed the electronic student portfolio as her institutional action project when she was an ELAM* fellow.

This portfolio gives us a detailed account of the civic engagement activities of our students. For example, in the Health Outreach Program, students have the opportunity to provide primary health services under the direct supervision of a licensed physician. During 2015, 350 students volunteered in these clinics, seeing approximately 3,000 low-income and uninsured patients. During the summer, 33 students worked at 22 community sites through the "Bridging the Gaps" Community Health Internship Program.

These extracurricular activities are in addition to the service component that has long been required of our first-year students, who provided more than 7,500 hours of community service during the past year. When the new curriculum is rolled out beginning with the Class of 2017, a longitudinal community care practicum will be an integral part of the first two years.

We are a medical school in an urban university, and we need to be concerned about the conditions in which health care takes place. I am very proud of our student body and their commitment not only to service generally but also to our urban environment. We believe in President Fry's goal of being the most civically engaged university, and we want to be the most civically engaged medical school.

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

*ELAM® is the College of Medicine's Executive Leadership in Academic Medicine® program for women.

The View From Residency

Diversity definitely exists at Drexel, but as with anything, there is room for improvement.

My experience is unique for many reasons. First, my primary, secondary and even collegiate schooling was populated 98 percent by African Americans. That said, there was still much diversity at my historically black alma mater, Hampton University. I believe that culture, not race, is what most identifies people. Thus, my college experience prepared me to interact with people who, although they looked similar to me, had a range of cultural differences.

In medical school at Drexel and then residency here as well, I have made good use of my experiences in exploring personal relationships with people from different cultures. I will admit, though, the fact that now many fewer people look similar to me took some getting used to. I believe Drexel is great at employing many minorities, and even majorities that do not make people feel like minorities.

I think areas for improvement would include having more underrepresented minorities in leadership roles. With all of the residency programs at Drexel each having the positions of department chair, program director and assistant program director, minority representation is scarce.

It would be good to see more people from underrepresented minorities reach out to other minorities. I feel I've had many *majority* supporters and mentors reach out to me during my time here, which is great. I can only say that Drs. Nathalie May, a supporter of mine, and Ted Corbin, my current mentor, who are both African-American, reached out to me from the minority pool.

I also wish there were more underrepresented

minorities in my residency program, but I may be asking a bit much. I understand that the number of African Americans in medicine is at a 20-year low. The number of African Americans applying to medical school has declined, especially among young men. According to the Association of American Medical Colleges, more African-American males applied to (or enrolled in) medical school in 1978 than in 2014.

“I feel my African American patients are often pleasantly surprised to find I am their physician.”

From my clinical perspective, I feel my African American patients are often pleasantly surprised to find I am their physician, often saying I look like a friend or relative. I like to think that means they are more comfortable and tell me information more readily than if I were different from them — a problem known often to minorities and contributing to a mistrust for medicine. I always feel extremely comfortable chatting with staff, who are predominantly minorities, and they always seem to be a little proud to see me as a physician here. Taken all together the experience here has been great and one that I know is not found at all institutions.

— Justin Johnson, MD '13
Emergency Medicine Resident



Justin Johnson, MD '13, is a trainee in the Drexel/Hahnemann Emergency Medicine Residency program.

Ophthalmology

• *continued from the cover*

After returning to Philadelphia, Ginsburg founded the Retina and Diabetic Eye Institute at Mercy Community Hospital. He was an early adopter of new technology. “We were only the third practice in America to use digital ICG [indocyanine green] angiography, one of the three most important diagnostic tests for macular degeneration,” says Ginsburg.

Later, when he founded Moore Eye Institute with Crozer Keystone Health System, Ginsburg was the first physician in Pennsylvania to use optical coherence tomography. “OCT is basically an MRI of the retina. It’s a 30-second test that provides a three-dimensional look at the eye. It’s by far the most important diagnostic test in all of ophthalmology and the best way to follow macular degeneration and diabetic macular edema,” says Ginsburg.

Unfortunately, there is no cure for AMD; however, its progression can be slowed. Treatment varies for the two forms of AMD. Dry AMD, the most common form, is characterized by the presence of drusen (dots of yellow crystalline deposits that develop within the macula) and thinning of the macula. Wet AMD, which affects about 10 percent of those with macular degeneration, occurs when abnormal blood vessels grow underneath the retina, a process called neovascularization.

“If you give a patient antioxidant vitamins and zinc at a high level, you can reduce the progression of dry macular degeneration by 25 percent,” Ginsburg explains. For wet AMD, Ginsburg uses a medication to block vascular endothelial growth factor, a substance that contributes to abnormal blood vessel growth. The medicine reduces swelling, leakage and unwanted growth, possibly improving vision.

Treatment for diabetic eye disease depends on when it is diagnosed. Advanced stages of diabetic retinopathy and diabetic macular edema may require laser surgery,

vitrectomy surgery or medical injections. If detected early, up to 76 percent of all complications, including vision loss, can be prevented through tight blood sugar control.

Ginsburg is often the first to diagnose a patient’s diabetes. High blood sugar causes the lens of the eye to swell, which can lead to blurry vision and send many patients in for an eye exam.

“The eye is the only place in the body where you can examine a blood vessel directly. This makes eye exams one of the easiest ways to catch diabetes at an early stage,” says Ginsburg. “Unfortunately, with one in five Americans eventually developing diabetes, there is a large population who don’t know they have diabetes until they start having vision problems.”

Ginsburg is one of the only retina specialists in America who is also a certified diabetes educator. This allows him to bridge the gap between delivering a diagnosis and helping a patient manage his or her disease. By working with Drexel University College of Medicine, Ginsburg hopes to close this gap even more.

“There is a large population who don’t know they have diabetes until they start having vision problems.”

“There’s the opportunity here to partner with all specialties — endocrinology, nephrology, even public health — and explore the possibilities of a multidisciplinary diabetes center,” Ginsburg says. “I joined Drexel because I believe they really care about the patients they see and the students they teach. I envision a future in which Drexel will be the leader in diabetes care in the Philadelphia region.”

Patients Rate Our Graduates Among Best Doctors in U.S.

The list of winners of the Vitals Patients’ Choice award, a recognition of top-rated doctors across the country, was released at the end of January. In a ranking of which medical schools produced the most awardees, the College of Medicine came in at number 7.

Patients’ Choice winners are selected based on more than 6 million reviews and ratings collected from patients during the calendar year. Only 5 percent of doctors nationwide are recognized.

After the results were tallied, Vitals compared the data on award-winning physicians to all doctors in its comprehensive

provider database and found several commonalities. The Vitals Patients’ Choice winners have two years’ more experience than other physicians, and their patients’ waiting time is roughly 20 percent shorter than average. And, not surprisingly, school matters. Most of the 10 U.S. medical schools producing the highest numbers of Vitals Patients’ Choice winners were in the Midwest, perhaps lending credence to the region’s claim on charm and friendliness. However, there were some exceptions, most notable to us: Drexel University College of Medicine.

Depressive Symptoms Prevalent Among Division I College Athletes

Nearly a quarter of Division I college athletes reported depressive symptoms while enrolled at a liberal arts university on the East Coast, says a new study published in the *British Journal of Sports Medicine* (February 2016, Volume 50, Issue 3). Women were almost two times more likely to experience symptoms than their male peers.

Researchers at Drexel University College of Medicine and Kean University collected data over three consecutive years from 465 undergraduate athletes at an NCAA Division I private university.

The multiyear sample is one of the largest to date used to look at depression in college athletes.

While past research has tended to focus only on specific sports or genders, this study examined whether the prevalence of symptoms varied between genders and across nine different sports: baseball/softball, basketball, cheerleading, crew, field hockey, lacrosse, track and field, soccer and tennis.

During their annual sports medicine physicals, the athletes completed anonymous surveys that asked questions about their mood, appetite, attention, relationships and sleep habits. Based on the responses, the student athletes were assessed for depression using the Center for Epidemiologic Studies Depression Scale.

The researchers found that nearly 24 percent of the 465 athletes reported a “clinically relevant” level of depressive symptoms, and 6 percent reported moderate to severe symptoms. Across all sports, female athletes had a significantly higher prevalence rate for depressive symptoms than men, 28 percent compared to 18 percent.

When analyzed by gender and sport, some differences were even more pronounced: Female track and field athletes had the highest prevalence of clinically relevant depressive symptoms — 37 percent, or more than one out of three — making them two times more likely than others in the cohort to have symptoms. At 12 percent, male lacrosse players had the lowest prevalence of clinically relevant depressive symptoms.

Until now, there has been a scarcity of medical research measuring rates of depression in college athletes, says Eugene Hong, MD, associate dean for primary care and community health at the College of Medicine, and the study’s principal investigator.

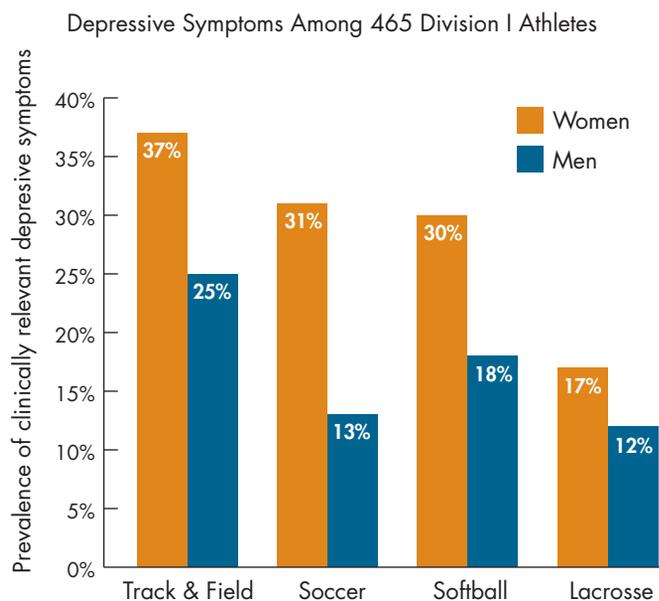
“There is a perception among some people that athletes are immune to or at a decreased risk for depression. Our experience treating college athletes led us to believe that was not true, but there were very few studies to support either argument,” Hong says. “This study shows that the rates of depression among athletes are probably comparable to rates in the general college population. And it highlights the need for increased mental health screening for

athletes as part of standard sports medicine care.”

While student-athletes may be active and surrounded by a strong support system, they may also experience a number of stressors unique to the athletic experience, including high-pressure expectations and injuries, says study co-author Andrew Wolanin, director of the Department of Advanced Studies in Psychology at Kean.

“Student-athletes face pressure, and there is a lot of opportunity for failure, which can be a key component of depression,” he says.

The study’s authors note that a number of factors could have contributed to differences in depressive symptoms by sport. For instance, since the researchers surveyed athletes from a single institution, the results could have been unique to particular teams.



Another consideration is that “different personality types may engage in different sports, and that these choices are related to divergent forms of pathology,” they write. “Differences in social support factors between more individualized sports and team sports may also contribute to discrepancies in depression rates.”

Given the study results, Hong says that healthcare professionals who treat student-athletes for injury should also increase their attention to their patients’ mental well-being. While a growing number of college students are seeking help at mental health services, athletes may be less likely to use these resources due to time constraints and social stigma.

Since the study identifies groups that may be at higher risk for depression, the findings could also help clinicians to target high-risk athletes for intervention, Hong says.

Discovery 2015

Discovery Day, the College's annual celebration of research, was held on October 8, 2015. This year's event drew 307 poster abstracts from graduate students, medical students, postdoctoral fellows, clinical residents and fellows, and even undergraduates and high school students. The authors presented their basic science and clinical research projects to peers, faculty, staff and a team of judges. Platform presentations were given in the afternoon at the Joseph R. DiPalma Research Symposium.

Outstanding Platform Presentation

1st place: Melissa Manners (Pharmacology & Physiology)
2nd place: Nehal Solanki (Microbiology & Immunology)

Outstanding Senior Graduate Student Poster

1st place: Tim Beck (MD/PhD, Molecular & Cell Biology & Genetics)
2nd place: Patrick Williams (Molecular & Cell Biology & Genetics)
3rd place: Tim Nacarelli (Molecular & Cell Biology & Genetics)

Outstanding Junior Graduate Student Poster

1st place: Margaret O'Conner (MD/PhD)
2nd place: Eugene Mironets (Neuroscience)
3rd place: Kaitlin Farrell (MD/PhD, Neuroscience)
Honorable mention: Ogan Kumova (Microbiology & Immunology)

Outstanding Medical Student Poster

1st place: Shravan Savant
2nd place: Kavita Goyal
3rd place: Hyein Jeon

Outstanding Clinical Resident/Fellow Case Studies Poster

1st place: Raafia Memon (Medicine, Easton Hospital)
2nd place: Krystine Carter (Child & Adolescent Psychiatry)
Honorable mention: Sabrina Islam (Cardiovascular Disease)

Outstanding Clinical Resident/Fellow Research Poster

1st place: Mohammad Farooq (Medicine, Easton Hospital)
2nd place: Sunny Petigara (Medicine, Easton Hospital)

Outstanding Postdoctoral Fellow Poster

1st place: Frances Munoz (Pharmacology & Physiology)
2nd place: Mariana Gadaleta (Biochemistry & Molecular Biology)
3rd place: Sudipta Das (Microbiology & immunology)

Outstanding High School Poster

1st place: Rachana Mudipalli (Downingtown STEM Academy)

Outstanding Undergraduate Poster

1st place: Jane Tong (Drexel University)
2nd place: Rushi Thanawala (Drexel University)
3rd place: Akshay Patel (Villanova University)



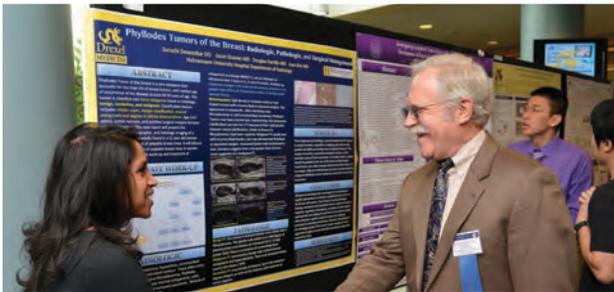
Pablo Huang, a PhD candidate in the School of Biomedical Engineering, Science and Health Systems; Daniel V. Schidlow, MD, dean of the College of Medicine; Arushi Kohli, second-year medical student; and Huang's mentor, J. Yasha Kresh, PhD, professor in the Departments of Cardiothoracic Surgery and Medicine, and research director, Cardiothoracic Surgery and Cardiovascular Biophysics



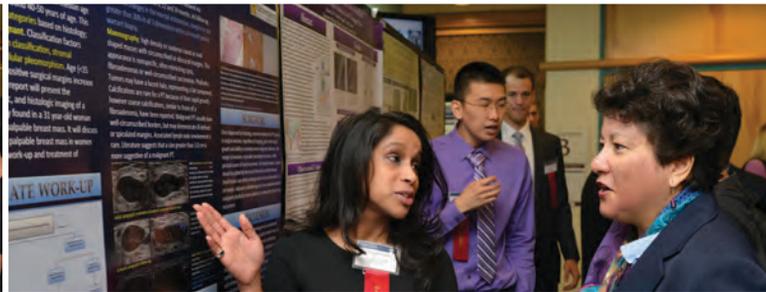
MS student Kritika Hanamshet, Cancer Biology program; and PhD students Emilia Arturo, Biochemistry & Molecular Biology; Sajitha Anthony, Molecular & Cell Biology & Genetics; and Nihal Solanki Patel, Microbiology & Immunology



Radiology residents Daniel Hirsch, MD, and James Montgomery, MD



Suruchi Dewoolkar, DO, radiology resident, and Discovery judge Timothy Manzone, MD, MCP '89, president-elect of the Alumni Association



Suruchi Dewoolkar, DO, radiology resident, and Ana Núñez, MD, professor of medicine and associate dean, Urban Health Equity, Education and Research



Andrew Kohut, MD '02, assistant professor of medicine, Division of Cardiology, and Dong Lee, MD, assistant professor of medicine, Division of Infectious Diseases & HIV Medicine



Volunteers from the Neuroscience program: Matt Kimock, master's student; Kirsten King and Margo Randelman, doctoral students; and Ankita Patil, master's student



Drs. Devinder Singh, internal medicine resident, and Sabrina Islam, former resident and second-year cardiovascular disease fellow



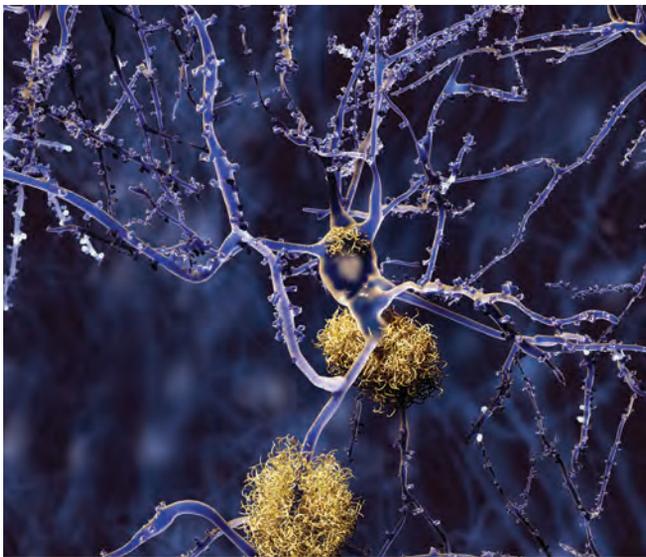
MS students Sayani Patra and Romulo Falucci, Drug Discovery & Development program; Stacia Lewandowski, first-year PhD student; and Andrea Mortensen, PhD, research assistant professor, Department of Pharmacology & Physiology

Drexel Neurosciences Institute Part of Landmark Study Investigating Drug to Delay or Prevent Alzheimer's Disease

Researchers at the Drexel Neurosciences Institute have begun a landmark study to determine if a new drug can postpone or even prevent Alzheimer's disease.

The study examines healthy people whose brain scans show the buildup of amyloid, a protein associated with the disease — but who do not yet have any memory loss or other symptoms. The study will determine if an investigational treatment can clear the built-up amyloid before the disease progresses and brain cells are impaired.

"This is truly an exciting and hopeful study. To find a way to prevent or delay Alzheimer's disease would have profound implications for patients and their families as well as for our nation," says Erol Veznedaroglu, MD, director of the Drexel Neurosciences Institute (DNI) and chairman of the Department of Neurosurgery at Drexel University College of Medicine.



Neuron with amyloid plaques

More than 5 million Americans currently have Alzheimer's disease, according to the National Institute on Aging, and the numbers are expected to triple by 2050.

The principal investigator is Carol F. Lippa, MD, director of the Cognitive Neurology and Alzheimer's program at Drexel Neurosciences Institute. She says there is limited potential to reverse Alzheimer's once the disease is established and brain cells and neurons are destroyed.

"We believe the key — the real hope — is to clear amyloid plaques before they contribute to the destruction of brain cells in the thinking areas of the brain," Lippa says. "Clearing out the amyloid is like clearing out the kindling before the fire starts. We are hopeful we can prevent

Alzheimer's and the enormous suffering that surrounds this disease." Sticky amyloid can form clumps, or plaque, that may block cell-to-cell signaling among neurons. Scans show this amyloid in the brain for years, even decades, before people experience any cognitive decline. Researchers believe the best hope is to stop the progression of amyloid plaques before symptoms of Alzheimer's begin.

Also part of the research team is G. Peter Giebels, MD, assistant professor of neurology at DNI.

The study, called A4, or Anti-Amyloid in Asymptomatic Alzheimer's Disease Study, looks at the investigational drug, solanezumab, to reduce plaque formation. The A4 Study is an international public-private partnership, funded by the National Institutes of Health, Eli Lilly and Company, and several philanthropic organizations. The Drexel Neurosciences Institute is one of 60 study sites around the world.

Lippa says the investigators are seeking patients who want to contribute to the science for altruistic reasons as well as those who may be concerned about developing Alzheimer's because someone in their family has the mind-robbing disease.

They are seeking a diversity of participants and are eager for people from the African-American community as well as those from ethnic minority communities to consider joining the study.

"We see Alzheimer's disease in all races and ethnicities," Lippa says.

Participants must be 65 to 85 years old, have normal thinking and memory abilities, and be willing to undergo a PET scan of their brain. Those with no sign of amyloids will be part of a separate study. Those with amyloids will receive IV infusions of the investigational treatment or a

"This is truly an exciting and hopeful study. To find a way to prevent or delay Alzheimer's disease would have profound implications for patients and their families as well as for our nation."

placebo every four weeks for three years and also undergo additional memory and medical tests. Lippa says participants will receive free tests to closely follow their medical health.

For more information, call 215.762.7037.

Working Together for Women

Women who have been incarcerated face daunting challenges when they return to the community, including access to income, housing, transportation and childcare. Often those challenges are exacerbated by struggles with alcohol and drug use, as well as mental health problems. Yet hope may be found in a promising new treatment-and-support model being launched in Philadelphia. Working Together for Women is a trauma-informed, substance use and mental health treatment program designed specifically for women who are being released from incarceration or other institutional settings into the community.

The program, created by Barbara Schindler, MD, professor of psychiatry and pediatrics, was recently awarded a three-year \$1.2 million grant by the Substance Abuse and Mental Health Services Administration, a branch of the U.S. Department of Health and Human Services. The grant will enable the expansion of a smaller program Schindler initiated last year with Philadelphia's Office of Addiction Services in collaboration with Mothers In Charge, an organization devoted to violence prevention, education and intervention.

The goal of Working Together for Women is to offer an integrated, highly coordinated system of site-, community- and home-based services to the target population, with the goal of promoting recovery, reducing recidivism, and supporting family reunification. The program brings together the clinical expertise of Caring Together, a female-specific addiction and mental health treatment program at Drexel, with the cognitive skills training and home- and community-based case management approach provided by Mothers In Charge.

A team of health care professionals, including physicians,



nurses, social service specialists and addiction and mental health professionals work together to meet each woman's needs. Case managers and peer specialists meet with women while they are still in jail or prison to plan for their discharge housing, addiction treatment, physical health, mental health, education, childcare and employment concerns and needs.

Once a woman is released, the team coordinates her care and supports her in keeping appointments with medical, addiction and psychiatric treatment and social service professionals. Peer specialists serve as supports and role models of success.

Qualitative and quantitative data assessing women's substance use, mental health, and physical health will be evaluated at program intake and at six and 12 months after intake. Recidivism will be assessed at 12 months post-release. Outcomes will be measured with standardized assessment tools and project-specific data collection tools.

Working Together for Women seeks to create a replicable, cost-effective reentry model of addiction treatment and recovery for incarcerated women in communities across the country.

Working Together for Women: 215.967.2130

Cato Laurencin Wins National Medal of Technology and Innovation

Cato Laurencin, MD, PhD, formerly the Helen I. Moorehead Distinguished Professor of Chemical Engineering and clinical professor and vice chairman of orthopaedic surgery at Drexel, is a recipient of the National Medal of Technology and Innovation, the nation's highest recognition for achievement in technology. A world-renowned surgeon-scientist, Laurencin is a pioneer of the field of regenerative engineering. Much of the work for which he was honored began with his research here.

Laurencin came to Drexel University as a faculty member in chemical engineering, and pharmacology and physiology and to MCP-Hahnemann School of Medicine as a faculty member in orthopaedic surgery in 1994. Now at the University of Connecticut, he holds the position of University Professor, with appointments in chemical and biomolecular engineering; materials science and engineering; biomedical engineering; and orthopaedic surgery. He is the director of the Institute for Regenerative Engineering at UConn Health and directs the Sackler Endowed Center for Biomedical, Biological, Physical and Engineering Sciences.

Laurencin is the son of the late Dr. Helen I. Moorehead-Laurencin, one of the first African-American female family physicians in the Philadelphia area and the namesake of the Sex & Gender Research Forum held by the Institute for Women's Health and Leadership at the College of Medicine. Laurencin, currently an adjunct professor of pharmacology and physiology, was at the College Commencement last May to hood his nephew, Samuel J. Laurencin, MD, PhD, Class of 2015.



Faculty member Cato Laurencin, MD, PhD, hoods his nephew, Samuel J. Laurencin, MD, PhD '15.

Israeli Digital Health Summit

The College of Medicine was well represented at the Israeli Digital Health Summit, which took place November 12, 2015, on Drexel's University City Campus. Hosted by the Philadelphia-Israel Chamber of Commerce, mHealth Israel, Drexel University, Greenberg Traurig LLP, and the University City Science Center, the event was an opportunity for the visitors — 12 digital health companies from Israel — to explore business and R&D opportunities in the tristate area. Kenny Simansky, PhD, vice dean for research at the College of Medicine, gave welcoming remarks and moderated a panel discussion on digital health in the Greater Philadelphia region. Edgar Chou, MD, MS, chief medical informatics officer for the College and the Drexel University Physicians® clinical practice group, served on the panel.



(l-r) David Gitlin, Esq., Greenberg Traurig; Levi Shapiro, mHealth Israel; Alice Solomon, MSS, FIRSTCALL; Vered Nohi, PICC Executive Director; Merom Klein, Courage – PowerUP Growth Partners; Drexel's Kenny Simansky, PhD; Beth Cohen, Esq., Greenberg Traurig; Consul General Yaron Sideman, Israeli Consulate to the Mid-Atlantic Region; Prof. Shmuel Einav, mHealth Israel; Fernando Sallés, PhD, Teva Pharmaceuticals

DUCOM Classical Recital Showcases Student and Faculty Talent

The College of Medicine's Office of Alumni Relations hosted the fourth DUCOM Classical Recital on December 10, 2015, showcasing the musical talent of faculty and student performers. Held at The Academy of Vocal Arts on Spruce Street in Philadelphia, the program featured music ranging from Brahms to Gershwin. Third-year medical student Brian Lefchak performed his original composition "Outlive Love."

Student performers also included DUCOM Classical officers Janet Cai, Emily Chan, Amanda Curry and Quinn Murray, as well as Elizabeth Canning, Lisa Goto, Sameer Massand, Aaron Palmquist, Anu Somashekar and Harun Thimmiah. Faculty participants included Dean Daniel Schidlow, MD, and faculty member Kim Kahng, MD.



Dr. Heiman-Patterson Receives Forbes Norris Award

The International Alliance of ALS/MND* Associations has presented Professor of Neurology Terry Heiman-Patterson, MD, with its annual Forbes Norris Award. Heiman-Patterson was nominated by her peers as an exceptional contributor to the field. The purpose of the award is "to encourage a combination of two major qualities: management of and advances in understanding ALS/MND, to the benefit of people living with the disease."

Heiman-Patterson has been working in ALS/MND care and research for more than 30 years. She established and still directs one of the largest and most comprehensive ALS/MND clinics in the world, the MDA/ALS Center of Hope (alshf.org/center-of-hope). In this role, she sets an example for clinicians in her unwavering optimism, respect for patient autonomy and responsiveness to their needs.

Through her research, she has improved the community's understanding of non-invasive ventilation, nutrition in ALS/MND treatment and biomarkers. She continues to be a thought-leader in this field, with major national and international roles at ALS Untangled, the National ALS Research Group and the Northeast ALS Consortium (which she co-chairs), as well as the International Alliance of ALS/MND Associations.

*Motor Neurone [Neuron] Disease



Terry Heiman-Patterson, MD: Now is the time to make a difference to people living with ALS.

WebRolePlay Proposal Wins “Reimagine Education” Awards

The College of Medicine’s proposed WebRolePlay learning tool received two of the highest awards at the international “Reimagine Education” conference held in Philadelphia in December 2015.

The global competition was created in 2014 by QS Quacquarelli Symonds in partnership with The Wharton School SEI Center of the University of Pennsylvania to identify the most innovative approaches in higher education to enhance learning and student employability. The 2015 competition received submissions from 520 universities and enterprises from 50 countries, with 22 awards judged by a panel of 40 international experts — a “who’s who” of higher education.

The College of Medicine won first place in the Life Sciences category and second place in the e-Learning category for the proposed WebRolePlay, a peer-based online framework for the structured learning, practice, and assessment of interpersonal skills, developed by Christof J. Daetwyler, MD, associate professor of Family,

Community & Preventive Medicine and developer of online resources for medical education.

“We propose to build WebRolePlay as a further expansion of our existing WebPatientEncounter technology, which facilitates remote audio/visual encounters between learners and standardized patients,” explains Daetwyler. (Standardized patients are actors who are trained to represent a medical case scenario and give structured feedback to the students they interact with.) “WebRolePlay will be a simple, cost-efficient tool for two to 12 students to engage in remote role plays to practice and assess interpersonal skills with each other.”

WebRolePlay has the potential to transform interpersonal skills learning, says Daetwyler. “It takes the limiting factor — experts’ availability — out of the equation while providing plenty of structured training needed for skills acquisition. It keeps learners in the learning cycle until they show proficiency, allows for students’ self-organized peer learning, fosters



WebRolePlay would expand on the College’s WebPatientEncounter technology to allow students to practice and assess interpersonal skills with each other.

interprofessional team building and training, and enhances understanding, empathy and conflict resolution.” The application could potentially be used in any profession where such interpersonal skills matter.

Next steps: Developing the design for WebRolePlay (changing the one-way paradigm of WebPatientEncounter into multi-way traffic); writing and validating scripts; and conducting a multi-center pilot study.

Grad Students and Postdocs Learn About “Success in Academia”

Graduate students, postdocs and biomedical scientists from the Philadelphia metropolitan area learned how to best position themselves for “Success in Academia,” at a professional development conference co-sponsored by the College of Medicine’s Graduate School of Biomedical Sciences and Professional Studies and the Drexel School of Biomedical Engineering, Science and Health Systems.

Nine highly accomplished speakers, from the National Institutes of Health, Columbia University, Rutgers University, Temple University and Drexel University, discussed academic career options. Sulie Chang, PhD, professor of biological sciences and the director of the Institute of NeuroImmune Pharmacology at Seton Hall University, delivered the keynote address, “Street Smarts of Science for Students,” focusing on skills, training, mentoring and networking.

Attendees also learned about pathways to independent research; trends and challenges in academic opportunities; and ways to gain key lab management skills. Held at Drexel’s University City Campus, the event included break-out and panel sessions with options to learn about career-building skills, negotiation tactics for faculty positions or transitioning into academia from different job sectors.

Following the sessions, a networking reception provided an informal opportunity to learn more about academic career choices from the speakers and panelists.

Success in Academia and its counterpart, Careers



Top row (l-r): Drs. Kenneth A. Barbee (Drexel Biomedical Engineering), Nancy Pilotte (NIH-NIDA), Nina Tandon (Columbia), Paul McGonigle; middle rows: Drs. Andrew Kriete (Drexel Biomedical Engineering, event chair), Jean Hardwick (Ithaca), Debra Bangasser (Temple), Elisabeth Van Bockstaele (Graduate School dean, series chair), Jed Shumsky; front: Drs. Sulie Chang (Seton Hall), Ramesh Raghupathi, Nick Bellow (Rutgers), Grace Peng (NIH-NIBIB)

Beyond the Bench, are programs of the Graduate School’s Professional & Career Development Series, which was launched in 2014.

Immunologist Katherine L. Knight Receives Marion Spencer Fay Award

The Institute for Women’s Health and Leadership at the College of Medicine presented immunologist Katherine L. Knight with the 2015 Marion Spencer Fay Award on November 19. The award, which recognizes luminary women in science and medicine, was established by the National Board for Women in Medicine in honor of a pioneering dean and president (1946 to 1963) of the Woman’s Medical College of Pennsylvania.

Knight is the chair of the Department of Microbiology & Immunology, and co-founder of the Infectious Disease and Immunology Institute at Loyola University Chicago. With continuous research funding from the National Institutes of Health for more than 45 years, Knight’s work has had a great impact on research in cancer, aging, infections and other conditions. In addition to her prominence as an



Lynn Yeakel, director of the Institute for Women’s Health and Leadership; award recipient Katherine L. Knight, PhD; and Janine Barber, institute program manager

educator and researcher, Knight is renowned for mentoring students and faculty, especially women.

After receiving the award, Knight delivered the annual Marion Spencer Fay Award Lecture. Her topic was “Harnessing Bacteria to Fight Disease: A Professional Scientific Journey.”

Website Design Wins Three Awards

The College of Medicine’s new website has been recognized for excellence by three diverse media organizations. The Interactive Media Council, Inc., presented the College with the Best in Class award for University Website Redesign. This nonprofit organization of web designers, developers, programmers and other web-related professionals is dedicated to elevating the standards of excellence on the Internet.

The MarCom Awards named the College’s new site a Gold Winner for Educational Institution Website Redesign. MarCom Awards are judged by members of the Association of Marketing and Communication Professionals. The annual competition is now the largest of its kind worldwide, with about 6,000 entries each year.

The College’s website also received a Merit Award from the Education Digital Marketing Awards, which recognizes the best educational websites, digital content, electronic communications, mobile media and social media.

The new site allows visitors to quickly find the latest



information about academic programs, alumni activities, students, faculty and staff, thanks to its user-friendly architecture. The site has also been optimized for viewing across a range of devices, from desktop to tablet to mobile phone.

See for yourself, if you haven’t already, at drexel.edu/medicine. Users will also be able to reach the site indefinitely from the former URL, drexelmed.edu.

Pennsylvania Taxpayers Can Direct Refunds to Breast Cancer Research



The Pennsylvania Breast Cancer Coalition’s Refunds for Breast Cancer Research campaign allows Pennsylvania taxpayers to donate their state tax refunds directly to this important work. More than 80 Refunds for Research grants have been awarded to Pennsylvania scientists looking for the cause of and cure for

breast cancer. Last year, their number included Alessandro Fatatis, MD, PhD, professor in the Departments of Pharmacology & Physiology and Pathology & Laboratory Medicine, and Mauricio Reginato, PhD, associate professor in the Department of Biochemistry & Molecular Biology. Each received a \$50,000 award for their breast cancer research. PBCC honored Reginato for his research in triple negative breast cancer. Fatatis won his grant for his research in cancer development. All Pennsylvania residents can contribute to the Refunds for Breast Cancer Research fund through the PA-40 income tax form by choosing code “A” on line 32.

Class of 2016 AOA Delta Zeta Chapter Inductees



We are pleased to announce that the following seniors have been elected to membership in Alpha Omega Alpha Honor Medical Society. Election is on the basis of academic scholarship, professionalism, leadership, service and scholarly activity. Congratulations!

Roozbeh Akhtari
Zachary Borab
Blake Bowden
Kimberly Chau
Aimee Chen
Justin Chen
Amanda Chipman
Elizabeth Crowe
Melanie Dabakis
David DeFrancisco
Kavita Goyal
William Grier
Erin Guilbert
Dennis Ha
Christopher Haas
Justin Hollm
Kevin Hsu
Matthew Kearney
Michael Klaszky
David Kopylov
Steffne Kunnirickal
Katherine Kurzinski
Jacquelyn Laplant

Christina Lee
Marc Leshner
Jason Liu
Sina Memari
Rachel Rafferty Mirsch
Amrit Misra
Sierra Musick
Emily Ong
Elizabeth Ozery
Tirth Patel
Kristen Raffensperger
Daniel Rodgers
Christopher Scanlon
Christine Schultheiss
Puja Sharma
Bilal Shaukat
Jocelyn Shubella
Elizabeth Simonelli
Dessislava Stefanova
Jared Tobolski
Sarah Todd
Alexander Volpi

Habitat for Humanity Club Renovates Veteran's Home

The College of Medicine's newly established Habitat for Humanity Club is working with the Philadelphia chapter of Habitat to renovate the home of a U.S. military veteran in the Germantown neighborhood adjacent to the Queen Lane Campus. Led by co-presidents Naveen Balan and Srikar Vegesna, both second-year medical students, the club has set a fundraising goal of \$10,000 to finance the work, and members have held fundraisers toward that end. With help from many student volunteers, they aim to complete critical repairs to the veteran's home by April 2016. The club welcomes the support of College alumni. To make a gift, please visit drexel.edu/medicine/giftsonline.



Calendar

March

National Colorectal Cancer Awareness Month

18 **Match Day**

April

Alcohol Awareness Month

6 **2016 Update on Aging**
New College Building, 8:25 a.m. – noon
Complimentary for Drexel/Hahnemann alumni, faculty, residents, staff, students
Information: Miki Kurtz, 215.762.3489

Golden Apple Ceremony

Queen Lane Campus, 5:30 p.m.
Information: Caitlin Kaltenbach,
caitlin.kaltenbach@drexelmed.edu

9 **PMP/Appendiceal Cancer Multidisciplinary Symposium**
New College Building, 8 a.m. – 12:30 p.m.
Information: Jihan Davis, 215.762.4157

May

National Stroke Awareness Month

11–13 **Drexel Neurosciences Institute Inaugural Neurosciences Conference**
Harrah's Waterfront Conference Center, Atlantic City, N.J.
Information: Holly Myers, 240.463.1939
or hmyers@gnineuro.com

18 **Dean's Hour Award Ceremony and Reception for graduating medical students**
Student Activity Center, Queen Lane Campus
Information: Caitlin Kaltenbach,
caitlin.kaltenbach@drexelmed.edu

19 **Classes of 1966 Dinner**
Union League of Philadelphia
Information: drexel.edu/medicine/Alumni/Reunions/

Fourth-Year MD Student Family Reception

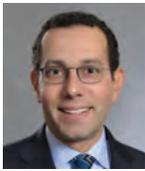
Queen Lane Campus, outdoors, weather permitting
Information: Caitlin Kaltenbach,
caitlin.kaltenbach@drexelmed.edu

20–21 **Alumni Weekend for all reunion classes**
Information: drexel.edu/medicine/Alumni/Reunions/

20 **Commencement**
Kimmel Center for the Performing Arts

30 **Memorial Day**

For more information about alumni events, please call 215.762.2371 or email medical.alumni@drexel.edu.



Dr. Abdelmalek

Mark Abdelmalek, MD, associate professor of dermatology and chief, Division of Laser and Dermatologic Surgery, was an editorial producer on the team behind the ABC News special "Bruce Jenner: The Interview," led by Diane Sawyer, which won an Alfred I.

duPont-Columbia Award. The duPont awards recognize the best in broadcast, documentary, and digital reporting and have been called the broadcast equivalent of a Pulitzer Prize.



Ms. Achilles

Stephanie Achilles, current MLAS student, won first place in the institutional category for her painting "MLAS: Inspired by Heroes," in the Express Your Inner Hero art contest at the annual national meeting of the American Association for Laboratory Animal Science, held November 1–5 in

Phoenix, Ariz.



Dr. Baas

Peter Baas, PhD, professor in the Department of Neurobiology & Anatomy and director of the Graduate Program in Neuroscience, delivered a platform presentation, "Mitotic Motor Proteins Organize Microtubules in Axons and Dendrites of Neurons," at the 10th meeting on the

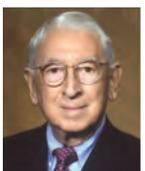
Physics of Living Matter at Cambridge University, in Cambridge, UK, in September. He also gave a seminar, "The Kindest Cut: Microtubule-based Therapies for Nervous System Disease and Injury," at the Center for Brain Repair at Cambridge University. In August, Baas organized a workshop, "Microtubule-Based Strategies for Treating Alzheimer's Disease," at the 25th meeting of the International Society for Neurochemistry, held in Cairns, Australia.



Mr. Bacigalupa

Zachary Bacigalupa, a PhD candidate in the Molecular & Cell Biology & Genetics program, has been selected by organizers of the Keystone Symposium: New Frontiers in Understanding Tumor Metabolism for a short talk presentation of his research, "Role of OGT and O-GlcNAcylation in

Glioblastoma Lipid Metabolism and Growth." In addition, Bacigalupa received the Dean's Graduate Student Travel Award to attend the conference, February 21–25 in Banff, Alberta, Canada. He is doing thesis work in the laboratory of Mauricio Reginato, PhD, associate professor in the Department of Biochemistry & Molecular Biology.



Dr. Brady



Dr. Komarnicky

Luther W. Brady, MD, Distinguished University Professor and Hylda Cohn/American Cancer Society Professor of Clinical Oncology, has been honored, together with

Drs. Carol and Jerry Shields, by the establishment of the Brady-Shields Endowed Chair in Ocular Oncology at Wills Eye Hospital. Brady and Jerry Shields first collaborated in

the 1970s on the use of radiation to treat retinoblastoma, the leading eye cancer in infants and children. Today, nearly 50 percent of all children with retinoblastoma in the United States are managed at Wills Eye, and as a result of the work of Brady and Shields, most of these children not only survive but thrive, says a hospital official. The Drs. Shields and Brady were distinguished honorees at the annual Wills Eye Ball on October 17. Also honored was College of Medicine alumna **Anna T. Meadows, MD, WMC '69**, professor of pediatrics and medicine at the Perelman School of Medicine, University of Pennsylvania, and senior oncologist at The Children's Hospital of Philadelphia. **Lydia Komarnicky, MD**, professor and chair of Drexel's Department of Radiation Oncology, was an honorary member of the ball committee.

Tyler Chan, MD, a chief resident in the Drexel/Hahnemann General Surgery Residency program, presented a poster abstract, "The Final Intraoperative PTH Level: Examining the Effect on Outcomes," at the American College of Surgeons annual meeting held October 4–8 in Chicago.

Soha Chhaya, a PhD candidate in neuroscience in the laboratory of John Houle, PhD, professor, Department of Neurobiology & Anatomy, presented a poster, "The Acute Inflammatory Response After Spinal Cord Injury and Its Role in the Development of Spinal Cord Injury-Induced Chronic Neuropathic Pain," at the 16th International Symposium on Neural Regeneration, held November 30–December 4 in Pacific Grove, Calif.



Dr. Cohen

D. Walter Cohen, DDS, chancellor emeritus, former trustee and a member of the advisory board of the College of Medicine, was honored by NDRI (National Disease Research Interchange) with the inaugural D. Walter Cohen, DDS, Service to Science Award. He is chairman emeritus of the organization. The award was presented at NDRI's 35th anniversary gala on October 30, in Philadelphia.



Dr. Côté

Marie-Pascale Côté, PhD, assistant professor, Department of Neurobiology & Anatomy, gave a platform presentation, "Exercise Improves Reflex Recovery Through an Increase in KCC2 Expression After SCI," at the 26th Ion Channel Association meeting, held September 13–16 in Sète, France.



Dr. Detloff



Dr. Houle

Megan Ryan Detloff, PhD, instructor; **Daniel Quiros-Molina**, research technician; **Amy S. Javia, Lekhaj Daggubati, Anthony D. Nehlsen, Ali Naqvi**, and **Vinu Ninan**, medical

students; Kirsten N. Vannix, Mary-Katharine McMullen, Sheena Amin, undergraduate students; and **John D. Houle, PhD**, professor, Department of Neurobiology & Anatomy, are authors of "Delayed Exercise Is Ineffective at Reversing Aberrant Nociceptive Afferent Plasticity or Neuropathic Pain After Spinal Cord Injury in Rats" in *Neurorehabilitation and*

Neural Repair (published online ahead of print, December 14, 2015).

Detloff also gave a poster presentation, "Regulation of Transcription Factors RunX1 and RunX3 in Nociceptors by Exercise After Spinal Cord Injury," at the 16th meeting of the International Symposium on Neural Regeneration, held November 30–December 4 in Pacific Grove, Calif.



Dr. España **Dr. Raghupathi**

Selina Eckert, a master's candidate in neuroscience; **Jessica Shaw**, a PhD candidate in neuroscience; **Rodrigo España, PhD**, assistant professor; **Ramesh Raghupathi, PhD**, profes-

sor, all in the Department of Neurobiology & Anatomy, presented a poster at the annual meeting of the Society of Neuroscience, "Sex-Dependent Changes in Depression and Facial Allodynia in the Chronic Period Following Mild TBI in the Mouse." Their research was highlighted by the society during a live press conference at the meeting and received coverage on several science media websites.



Dr. Ehrlich

Garth D. Ehrlich, PhD, professor in the Departments of Microbiology & Immunology and Otolaryngology–Head and Neck Surgery, gave an invited talk, "Comparative Bacterial Genomics and Microbiomics: Lessons in Diversity," at the Monell Chemical Senses Center on September 22.



Dr. Faerber

Eric N. Faerber, MD, professor of pediatrics and radiologic sciences, presented the 45th Waldo E. Nelson Lecture, "Pediatric Imaging, Past and Present: The Enduring Legacy of St. Christopher's Hospital for Children," on November 17. The annual CME event and dinner were held at St. Christopher's.

Kaitlin Farrell, an MD/PhD candidate in neuroscience, Department of Neurobiology & Anatomy, gave a poster presentation, "Response of Local Protein Synthesis Machinery to Extracellular Clues in Regenerating Central Nervous System Axons," at the International Symposium on Neural Regeneration, held November 30–December 4, in Pacific Grove, Calif.



Dr. Gelo

Florence Gelo, D.Min, NCPsyA, associate professor in the Department of Family, Community & Preventive Medicine, was a panelist at the 2015 Creative Spirit Symposium, "Where the Arts, Individuals, and Dementia Meet," held November 4 at the James A. Michener Art Museum,

Doylestown, Pa. The Michener's Art for All program provides gallery-based art appreciation experiences for individuals living with dementia. The symposium was a collaboration between the museum and ARTZ Philadelphia, an organization that links artists and cultural institutions to people living with dementia and their care partners.

Compliance & Privacy

2016 OIG Work Plan Update

The fiscal year 2016 Department of Health & Human Services Office of Inspector General (OIG) work plan notes that accomplishments in FY2015 included expected recoveries of more than \$3 billion: nearly \$1.13 billion in audit receivables and about \$2.2 billion in investigative receivables (\$286.6 million is



Edward Longazel
Chief Compliance & Privacy Officer

non-HHS investigative receivables resulting from the OIG's work in areas such as states' shares of Medicaid restitution).

The OIG estimated about \$20.6 billion in savings for 2015 on the basis of prior-period legislative, regulatory or administrative actions that were supported by

OIG recommendations. Savings may be higher or lower.

For 2015, the OIG reported:

- Exclusion of 4,112 individuals and entities from participation in federal health care programs
- 925 criminal actions against individuals or entities that engaged in crimes against HHS programs
- 682 civil actions, which include false claims and unjust-enrichment lawsuits filed in federal district court, civil monetary penalty settlements, and administrative recoveries related to provider self-disclosure matters.

New physician focused issues for 2016:

Physician home visits – reasonableness of services

OIG will determine whether Medicare payments to physicians for evaluation and management home visits were reasonable and made in accordance with Medicare requirements. Since January 2013, Medicare has made \$559 million in payments for physician home visits. Physicians are required to document the medical necessity of a home visit in lieu of an office or outpatient visit.

Prolonged services – reasonableness of services

OIG will determine whether Medicare payments to physicians for prolonged evaluation and management services were reasonable and made in accordance with Medicare requirements. Prolonged services are for additional care provided to a beneficiary after an evaluation and management service has been performed. Physicians submit claims for prolonged services when they spend additional time beyond the time spent with a beneficiary for a usual companion evaluation and management service. The necessity for prolonged services is considered to be unusual.

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 drexel.edu/medicine/ComplianceHotline



Dr. Goldman

Haviva Goldman, PhD, associate professor in the Department of Neurobiology & Anatomy, was selected by the Association of American Medical Colleges to participate in the 2015 AAMC Mid-Career Women Faculty Professional Development Seminar, December 12–15, 2015, in Austin, Texas. Goldman, who established the Bone Biology Laboratory at Queen Lane, is also affiliated with the Department of Orthopaedic Surgery and the College of Engineering's Department of Materials Science and Engineering.



Dr. Greenberg Dr. Vearrier

Michael I. Greenberg, MD, MPH, professor of emergency medicine, and chief, Division of Medical Toxicology, and **David Vearrier, MD, MPH**, assistant professor of emergency

medicine, published "Sea Dumped Chemical Weapons: Environmental Risk, Occupational Hazard," in the journal *Clinical Toxicology* (published online December 22, 2015). The article was based on the 2014 Louis Roche Lecture delivered by Greenberg at the 2014 European Association of Poisons Centres and Clinical Toxicologists held in Brussels.



Dr. Gupta

Anita Gupta, DO, PharmD, associate professor, Department of Anesthesiology & Perioperative Medicine, and vice chair, Division of Pain Medicine & Regional Anesthesiology, was invited to speak at a briefing on Capitol Hill about ways the prescription opioid abuse crisis is being addressed around the country. Among the other speakers were U.S. Representative Ami Bera, former Rep. Mary Bono and General Arthur Dean, CEO of CADCA® (Community Anti-Drug Coalitions of America).

Lauren Hanlon, a PhD candidate in neuroscience in the laboratory of Ramesh Raghupathi, PhD, professor in the Department of Neurobiology & Anatomy, published a paper, "Minocycline Transiently Reduces Microglia/Macrophage Activation but Exacerbates Cognitive Deficits Following Repetitive Traumatic Brain Injury in the Neonatal Rat," in the *Journal of Neuropathology and Experimental Neurology*.

Kazuo Hayakawa, MD, PhD, a postdoctoral fellow in the laboratory of Itzhak Fischer, PhD, professor and chair of the Department of Neurobiology & Anatomy, presented a poster, "Glial Restricted Precursors Maintain Their Permissive Properties After Long-Term Expansion but Not Following Exposure to Pro-Inflammatory Factors," at the 16th International Symposium on Neural Regeneration, held November 30–December 4 in Pacific Grove, Calif.



Dr. Hirsch

Bruce Hirsch, PhD, associate professor, Department of Neurobiology & Anatomy, was invited to attend the Ninth International Conference on Multispectral Image Processing and Pattern Recognition, in Enshi, China, October 31–November 1, to hold a workshop for Chinese graduate students on presenting their work in English. This was the third time he has been invited to hold such a workshop at the biennial meeting.



Dr. Hong

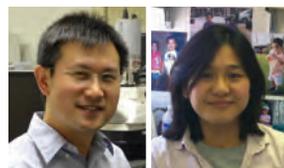
Eugene Hong, MD, Hamot and Sturgis Endowed Chair and Professor, Department of Family, Community & Preventive Medicine; and associate chief, Division of Sports Medicine, received the Honor Award of the Mid-Atlantic Regional Chapter of the American College of Sports Medicine at the organization's annual meeting, held November 6–7, 2015, in Harrisburg. In addition, he has been appointed to the Sports Science & Safety Committee of US Lacrosse, the national governing body for the sport. He is a team physician for the US Men's U19 National Team that will compete in the U19 men's world lacrosse championship tournament in Canada in July.

Hong was one of two guest editors of the February 2016 issue of *The British Journal of Sports Medicine*, "Mental Health and Athletes." He co-authored the "Warm Up" [introduction], "In the Mood for Change: Shifting the Paradigm of Mental Health Care in Athletes — An AMSSM [American Medical Society for Sports Medicine] thematic issue," an editorial, "Understanding Depression and Suicide in College Athletes: Emerging Concepts and Future Directions," and an original research article, "Prevalence of Clinically Elevated Depressive Symptoms in College Athletes and Differences by Gender and Sport." **Kelly Panchoo**, research assistant and a master's student in the Clinical Research Organization & Management program, was also an author of the last article.



Ms. Horsley

Elizabeth Horsley, RN, a student in the Master of Science in Medical and Healthcare Simulation program, was honored with a SIM Citizenship Award at SIM-one's annual Ontario Simulation Exposition. SIM-one is a not-for-profit organization that connects the simulation community, facilities, and resources across Canada and beyond. The SIM Expo was held in Toronto, December 14–15.



Dr. Hou

Dr. Tom

Shaoping Hou, PhD, instructor; **Di Wu, PhD**, postdoctoral researcher; **Michelle Klaw**, research assistant; **John Houle, PhD**, professor; and **Veronica Tom, PhD**, assistant professor, all in the Department of Neurobiology & Anatomy, authored "Dopamine Is Produced in the Rat Spinal Cord and Regulates Micturition Reflex After Spinal Cord Injury" in *Experimental Neurology* (ePub ahead of print December 2, 2015).



Dr. Huneke

Richard Huneke, DVM, professor, Department of Microbiology & Immunology, visited the Heart Institute (InCor) at the University of São Paulo School of Medicine, São Paulo, Brazil. While there he learned a surgical technique for experimental pleurodesis from Lisete Teixeira, MD. Huneke will work with Glenn Laub, MD, professor and chair, Department of Cardiovascular Surgery, to utilize this procedure to test a novel foaming agent to induce pleurodesis for treating malignant pleural effusion, usually seen in cancer patients.



Dr. Jin

Ying Jin, PhD, research assistant professor in the laboratory of Itzhak Fischer, PhD, professor and chair, Department of Neurobiology & Anatomy, presented a poster, "Axonal Regeneration After Transplant of Human Glial Restricted Progenitors Into Acute SCI," at the 16th International Symposium on Neural Regeneration, held November 30–December 4 in Pacific Grove, Calif.

Laura Krafjack, a PhD candidate in neuroscience in the laboratory of Ramesh Raghupathi, PhD, professor, in the Department of Neurobiology & Anatomy, published a review article in *Current Medical Genetics Reports*, "Genetics and Pathology of Chronic Traumatic Encephalopathy."



Dr. Legido

Agustin Legido, MD, PhD, MBA, professor of pediatrics and neurology, has been named editor-in-chief of the journal *Seminars in Pediatric Neurology*, of which he was a co-editor in 2014. He is chief of the Section of Neurology at St. Christopher's Hospital for Children.

Lanfranco Leo, a PhD candidate in neuroscience; **Peter Baas, PhD**, professor; and **Wenqian Yu, MD**, research instructor, all in the Department of Neurobiology & Anatomy, published "Vertebrate Fidgetin Restrains Axonal Growth by Severing Labile Domains of Microtubules," in *Cell Reports* (September 22, 2015). Leo is doing thesis work in the Baas Laboratory.



Dr. Lin



Dr. Soundararajan

Drs. Jianping Lin (lead author), third-year Drexel/Hahnemann Pathology resident; **Sarah Foster**, third-year Ob/Gyn resident (Drexel MD '13); and **Suganthi Soundararajan** (principal investigator),

clinical associate professor, Department of Pathology & Laboratory Medicine, presented a poster, "Severe Fetal Growth Restriction Caused by Placental Mesenchymal Dysplasia," at the annual meeting of the American Society for Clinical Pathology, held October 28–30 in Long Beach, Calif.



Dr. Mascarenhas

Daniel A.N. Mascarenhas, MD, clinical professor of medicine, is the lead author of "Role of Insertable Cardiac Monitors in Anticoagulation Therapy in Patients With Atrial Fibrillation at High Risk of Bleeding" in *Europace*, a journal of the European Society of Cardiology (advance publication online November 26, 2015). The study was presented as an abstract at the 2015 European Society of Cardiology Congress in London.



Ms. Murray

Joanne Murray, director of the Legacy Center: Archives and Special Collections, presented a talk, "We Called Them Our Boys: Caregiving for America's Dying and Dead in the First World War," at a conference at the University of Edinburgh on November 12. The colloquium, titled "Behind the Poppy: The Hidden Histories of Caregiving in World War I," was part of Scotland's First World War centennial commemorations, an examination of the untold stories of the holistic medical care of the allied expeditionary forces.



Mr. Rao

Anand N. Rao, a PhD candidate in neuroscience in the laboratory of Dr. Peter Baas, professor of Neurobiology & Anatomy, was awarded the Ruth Kirschstein National Research Service Award (F31) for his project entitled: "Establishment and Preservation of Microtubule Polarity in the Axon."



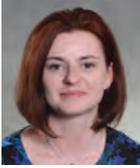
Dr. Sachdeva

Rahul Sachdeva, PhD '15, who defended his thesis in the Neuroscience Graduate Program in September 2015, has published "Exercise Dependent Increase in Axon Regeneration Into Peripheral Nerve Grafts by Propriospinal but Not Sensory Neurons After Spinal Cord Injury Is Associated With Modulation of Regeneration-Associated Genes," which appears in the journal *Experimental Neurology*. Other Drexel authors of the paper are graduate student **Catherine C. Theisen**; medical student **Vinu Ninan**, and **John D. Houle, PhD**, professor, Department of Neurobiology & Anatomy. Sachdeva currently is a postdoctoral fellow at the University of British Columbia at the research center known as ICORD (Center for International Collaboration on Repair Discoveries).

Victoria Spruance, a PhD candidate in neuroscience in the laboratory of Michael Lane, PhD, assistant professor, Department of Neurobiology & Anatomy, gave a poster presentation, "Short- and Long-Term Effects of Neural Progenitor Transplantation Following Spinal Cord Injury," at the International Symposium on Neural Regeneration, held November 30–December 4 in Pacific Grove, Calif.



Dr. Tomi-Olugbodi



Dr. Mapow

Adeolola Tomi-Olugbodi, MD, a resident in the Pathology & Laboratory Medicine training program, presented a poster, "Pulmonary Mucormycosis Presenting as a Lung Mass in Renal Transplant Patient – A Case

Report," at CAP '15, the meeting of the College of American Pathologists, held October 4-7 in Nashville, Tenn. The other authors were **Drs. Shefali S. Ballal** (residency '13, fellowship '15), **Michael A. Prochaska** (residency '15), **Yulan Gong** (current resident), **Suganthi Soundararajan**, clinical associate professor, and **Beth Mapow**, associate professor and program director.



Dr. Trojian

Thomas Trojian, MD, professor and director of the Sports Medicine Fellowship program, Department of Family, Community & Preventive Medicine, is the author of an editorial, "Depression Is Under-recognized in the Sport Setting: Time for Primary Care Sports Medicine to Be Proactive and

Screen Widely for Depression Symptoms," in the February 2016 issue of *The British Journal of Sports Medicine*, "Mental Health and Athletes."



Ms. Vita

professional development and leadership in the field.



Dr. Weingarten

Michael S. Weingarten, MD, MBA, professor of surgery, chief of the Division of Vascular Surgery, and director of the Wound Healing program, served on the 2015 USMLE Ambulatory Care Test Material Development Committee for the National Board of Medical Examiners, writing and reviewing items for the United States Medical Licensing Examination.

Lana Zholudeva, a PhD candidate in neuroscience in the laboratory of Michael Lane, PhD, assistant professor, Department of Neurobiology & Anatomy, gave a poster presentation, "Development of Neural Precursor Cells After Transplantation into the Contused Cervical Spinal Cord," at the International Symposium on Neural Regeneration, held November 30–December 4 in Pacific Grove, Calif.

Our Dornsife Global Scholars

Three first-year medical students and a BS/MD student have been named Dornsife Global Development Scholars, giving each of them the opportunity to participate in a fully-funded, hands-on experience in sub-Saharan Africa this summer. Based in Drexel's Dornsife School of Public Health, the program follows a mentorship model that allows students of all majors and educational levels to work together with World Vision International partners on development projects related to water, sanitation, and hygiene (WASH).

Paulina Ramirez, first-year medical student, is from El Paso, Texas, and is fluent in both French and Spanish. Previously, she traveled to France, Italy, Turkey and Germany. She also has experience working on WASH-related issues in the colonias along the U.S.-Mexican border.

Anamika Saha, first-year medical student, has a strong interest in international development, and previous experience working in India, China, Bangladesh and Guatemala. She gained experience working on WASH projects in India.

Svenja Schneider, first-year medical student, who speaks German and French, has had experience traveling in sub-Saharan Africa, including study abroad at the University of Ghana. She has seen firsthand the importance of improving WASH infrastructure in low-resource settings.

Sachin Ghandi, BS/MD student, now a senior in the School of Biomedical Engineering, Science & Health Systems, has had field experience in India, where he learned the importance of proper WASH infrastructure. Ghandi won a technology competition by developing a solar-powered phone charging system, using items that can be found in the local community.



Drs. Peter Clifford, Cheryl Hanau, chair, and Jing Zhou, Pathology & Laboratory Medicine



Drs. Rebecca Kurnik Seshasai and Suzanne Boyle, Medicine



Drs. Shelley George, Erin Treacy and S. Nini Malayaman, Anesthesiology & Perioperative Medicine



Drs. Tatiana Bezdudnaya and Barry Waterhouse, Neurobiology & Anatomy

A Warm Reception for New Faculty

The faculty welcomed new members who had joined the College over the previous year, at a cocktail reception on October 15, 2015, at Le Méridien Philadelphia. Dean Daniel V. Schidlow, MD, introduced four department chairs who had been appointed in 2015: Douglas Parrillo, MD, Radiologic Sciences; Erol Veznedaroglu, MD, Neurosurgery; Mary M. Moran, MD, Pediatrics; and David Stein, MD, Ophthalmology (interim). Then the new faculty members were introduced by their department leadership.



Drs. Andres Castellanos and Elizabeth Renza-Stingone, Surgery



Dean Schidlow (far right) introduced new chairs (l-r) Drs. David Stein (interim), Erol Veznedaroglu, Mary Moran and Douglas Parrillo



Drs. Amanda De La Paz, Munish Bakshi and Eugene Hong, chair, Family, Community & Preventive Medicine



Drs. Christina Cestone, Valerie Weber, vice dean, and Linda Berardi-Demo, Office of Educational Affairs



Drs. Leonard Ginsburg, David Stein, interim chair, and Bruce Sumlin, Ophthalmology

'30s

Ella Ricci, MD, WMC '39, celebrated her 100th birthday with family and friends at Luther Crest nursing home in Allentown, Pa. Ricci, a local pioneer for women in medicine, opened her medical practice in Easton, Pa., in the early 1940s.

'50s

Martin N. Frank, MD, HU '51, is emeritus chief of cardiology at Abington Memorial Hospital. He served as an adjunct assistant professor of medicine at Hahnemann University from 1955 to 1967 and an adjunct associate professor of medicine at Temple University from 1968 to 1975. He is still actively performing jazz and chamber music.

Jean Sullivan, MD, WMC '54, is one of Virginia Health Care Association's 2016 Faces & Stories and is featured on the association's printed calendar. The story mentions her service to others and her establishment of the Redbud Family Health Clinic in rural Kentucky, which, when she reluctantly retired, became a clinic of the Frontier Nursing Service.

'60s

Michael Grossman, MD, HU '65, was presented with the Lifetime Achievement Award from the Maricopa Health Foundation at the Annual COPA Ball; he received the award in honor of his 35 years of excellence in academic clinical teaching and practice as well as his work in Vietnam developing a drug addiction treatment center. Grossman is the vice president of academic affairs at Maricopa Integrated Health System in Phoenix, Ariz.

Anna T. Meadows, MD, WMC '69, professor of pediatrics and medicine at the Perelman School of Medicine, University of Pennsylvania, and senior oncologist at The Children's Hospital of Philadelphia, was honored at the annual Wills Eye Ball on October 17, 2015, which celebrated the 40th anniversary of the Wills Eye Ocular Oncology Service.

'70s

Bruce Allen Levy, MD, HU '71, JD, was named 2015 Physician of the Year by the Travis County Medical Society and featured on the cover of the *TCMS Journal*. He was chosen for the honor by his peers. The CEO of Austin Gastroenterology, Levy is the past executive director of the Texas Medical Board and oversaw health legislation and regulation for Governor George W. Bush during the latter's time in office.



Janice C. Lysiak, MD, HU '74, a rheumatologist who recently retired from the Kaiser-Permanente Medical Center in Orange County, Calif., was awarded the Trustee Associates Award by the Misericordia University Board of Trustees for her outstanding commitment and support of the university, where she earned her undergraduate degree.

Barry Stamm, MD, HU '74, an ophthalmologist who retired and sold his practice in 2008, was appointed chairman of the board of trustees of Thiel College in Greenville, Pa. He is also chair of the Thiel 2016 Capital Campaign.

James Madara, MD, HU '75, the CEO and executive vice president of the American Medical Association, was recognized in *Crain's Chicago Business* magazine's list of Who's Who in Chicago Business.

Marian Baldini-Filtz, MS, Mental Health Evaluation, HU '77, president and CEO of KenCrest, a nonprofit organization based in Plymouth Meeting, Pa., which serves children and adults with mental and developmental disabilities, was honored as one of the Class of 2015 Women of Distinction by the *Philadelphia Business Journal* at an award ceremony on November 20, 2015.

Janet Haas, MD, HU '77, chair of The William Penn Foundation in Philadelphia, was selected to serve on Mayor-elect Jim Kenney's Transition Team.

Richard J. Cohen, PhD, Biomedical Graduate Studies, MCP '78, president and CEO of Philadelphia Health Management Corp., was selected to serve on Mayor-elect Jim Kenney's Transition Team.

Thomas Zaydon Jr., MD, HU '78, a plastic and reconstructive surgeon at Mercy Hospital, Miami, Fla., was elected to serve a two-year term as chairman of the board of trustees for the Florida Society of Plastic Surgeons.

'80s

Peter Amenta, MD, HU '80; PhD, Anatomy, HU '84, was appointed president and CEO of the Joslin Diabetes Center headquartered in Boston, Mass.

Alison Selbst, MD, MCP '81, has joined Tri-County Pediatrics in Pennsylvania, as a member of the medical staff at its offices in Elkins Park, Huntingdon Valley and Northeast Philadelphia.

Mark Allen, MD, HU '82, a thoracic surgeon in Rochester, Minn., was elected president of The Society of Thoracic Surgeons during the organization's 51st annual meeting in San Diego.

Earl E. Sands, MD, HU '82, was appointed chief medical officer of Selecta Biosciences, Inc., a clinical stage biotechnology company in Watertown, Mass.

Ronit Sugar, MD, HU '82, a board-certified breast surgeon, has joined the Aria Health Breast Health program at Aria's locations in Northeast Philadelphia and Lower Bucks County, Pa.

Wanda D. Filer, MD, HU '83, has become president of the American Academy of Family Physicians. Previously, she served three years as a director on the AAFP board and one year as president-elect. The organization represents 120,900 physicians and medical students nationwide. Filer is a past president of the Pennsylvania Academy of Family Physicians.



Eugene Dixon, MD, HU '87, a urologist, has joined Northeastern Vermont Regional Hospital in St. Johnsbury, Vt.

Michael Murray, MD, HU '88, a general surgeon at Northern Nevada Medical Center in Sparks, Nev., was recognized by *Nevada Business Magazine* as a Health-care Hero in the category of Technology and Research.

David Reynolds, MD, HU '88, joined the board of directors of The Dime Bank and Dimeco, Inc. Reynolds is the president and chief executive officer of Northeastern Gastroenterology Associates and the medical director, president and chief executive officer of Mountain Laurel Surgical Center and Maple City Anesthesia in Honesdale, Pa.

'90s

Martin A. Schaeffer, MD, MCP '90, a physician at the Specialty Surgery Center of Central New York in Liverpool, N.Y., joined the Expert Network as a Distinguished Professional, an invitation-only network service for professionals who are selected based on peer reviews and ratings, numerous recognitions, and accomplishments.

James P. Tursi, MD, MCP '90, was appointed chief medical officer of POZEN, Inc., a publicly traded pharmaceutical company headquartered in Chapel Hill, N.C., effective October 1.

Tim Phillips, MD, HU '91, a general surgeon at Marshfield Clinic Minocqua Center in Minocqua, Wis., has expanded his practice to the Rhinelander area.

Beverly Dolberg, MD, HU '92, was hired as the medical director of CenCal Health in Santa Barbara, Calif.

Adam Greenberg, MD, HU '92, is the medical director and president of Dermatology & Laser Institute of Southwest Florida, which has just been acquired by Advanced Dermatology and Cosmetic Surgery, the nation's largest dermatology practice.

Jeffrey P. Hein, MD, HU '92, a family physician with Baden Area Healthcare, Baden, Pa., was inducted into the Quigley Catholic High School Hall of Fame during the school's Passport to Paris gala on October 9, 2015, at Shadow Lakes Country Club in Hopewell Township, Pa.

Thomas Johnson, MD, MCP '96, a general surgeon, has joined the surgical department of Harrington Physician Services, an affiliate of Harrington HealthCare System in Southbridge, Mass.

Julie B. McCausland, MD, HU '96, MS, has been appointed to the Academy of Master Educators of the University of Pittsburgh School of Medicine. She is an associate professor of medicine and emergency medicine at the University of Pittsburgh Medical Center and is the director of the UPMC Medical Education Transitional Year Residency program. She currently serves as vice chair of the Transitional Year Review Committee of the Accreditation Council for Graduate Medicine Education.

Michael A. Neri Jr., MD, HU '96, the assistant area medical director at Southern California Permanente Medical Group in Riverside, Calif., was recognized on the list of Top Doctors in *Inland Empire* magazine.

June Elcock-Messam, MD, MCP '97, owner of Media Pediatrics in Wallingford, Pa., was inducted into Strath Haven High School's Wall of Honor.

Mitchell Hardenbrook, MD, HU '97, founder and president of the Advanced Spine Institute of Greater Boston, joined the staff of Milford Regional Medical Center, where he sees patients two days a month.

Christine Meyer, MD, HU '97; MS, Pharmacology, HU '98; MS, Molecular & Cellular Biology '02, a pediatrician at Healthy Steps Pediatrics, LLC, in Exton, Pa., and the founder of Team CMMD Foundation, a nonprofit charity team of runners and non-runners that raises money for cancer research in Philadelphia, was recognized as the "2015 Health Hero" by *Philadelphia* magazine.

Jeffrey Puglisi, MD, HU '98, of Glenville Medical Concierge Care in Greenwich, Conn., was named one of *Concierge Medicine Today* magazine's annual Top Doctors in Concierge Medicine for 2016.



Four members of the Hahnemann Class of 1983 reunited in Spain for a wine-tasting trip last September. In front of the cathedral in Burgos, Spain, burial place of El Cid, are (l-r) Drs. Catherine Hanlon (emergency medicine), Andre Weinberger (medical writer), Debra Ray (hematology/oncology), and Irene Magran (obstetrics/gynecology).

'00s

Donald Stephens Jr., MD, MCPHU '00, a family medicine physician, has joined the medical staff of Meritus Medical Center in Hagerstown, Md.

Neel Vibhakar, MD, MCPHU '01, was named senior vice president and chief medical officer of the University of Maryland Baltimore Washington Medical Center, where he has been a member of the medical staff since 2004 and has served as chair of the Department of Emergency Medicine. He is currently pursuing his MBA at the university's Smith School of Business.

J. Matthew Valosen, MD '03, an orthopedic surgeon, has been promoted to partner at the Bone and Joint Institute of South Georgia. He practices at the institute's Jesup, Waycross, Hinesville and Baxely office locations.

Laura Houk, MD '04, was hired as a physician at the University of Massachusetts Memorial Medical Center in Worcester, Mass.

Tuan Bui, MD '06, spine surgeon, joined OrthoAtlanta Orthopaedic and Sports Medicine Specialists in Atlanta, Ga.

Michael Brown, MD '08, a specialist in family and geriatric medicine, joined the staff of the Commonwealth Health Tyler Memorial Hospital in Tunkhannock, Pa.

Christine Du, MD '08, has joined Geisinger Health System in Danville, Pa., as an associate transplant surgeon, specializing in liver, kidney and pancreas transplant surgery services.

'10s

Sima Bina, MD '11, joined Triangle Premier Women's Health Care Center in Clayton, N.C.

Priya Patel, MD '12, completed her residency in pediatrics at St. Christopher's Hospital for Children and joined St. Christopher's as an attending physician.

Bryanne E. Robson, MD '12, was hired by Brinton Lake Family Medicine in Glen Mills, Pa., as a family physician.

Rahul Sachdeva, PhD '15. See page 17.

Former Residents and Fellows

(alphabetical)

Nirav Amin, MD; Orthopaedic Surgery Residency '13, an orthopaedic surgeon at Loma Linda University Health in Loma Linda, Calif., who specializes in sports medicine, was recognized on the list of Top Doctors in *Inland Empire* magazine.

Shefali S. Ballal, MD, Drexel/Hahnemann Pathology Residency '13, Drexel/Hahnemann Cytopathology Fellowship '15, is a fellow in surgical pathology at the University of Pennsylvania Perelman School of Medicine. See Tomi-Olugbodi, page 18.

Jason Finkelstein, MD; Internal Medicine Residency, MCPHU '02, is a board-certified interventional cardiologist with Advanced Heart Care in Decatur, Texas. He completed his cardiology fellowship at Tulane University and subspecialty training in interventional cardiology at St. Vincent's Medical Center in Indianapolis. For the past eight years, he has participated in mission work in Grenada, helping to develop a cardiology clinic where volunteer providers treat local citizens who otherwise would not receive cardiac care.



Marla Gold, MD; Internal Medicine Residency '86; Infectious Diseases Fellowship '88, dean emerita of Drexel's Dornsife School of Public Health, was selected to serve on Mayor-elect Jim Kenney's Transition Team.

James T. Guille, MD; Orthopaedic Surgery Residency, MCPHU '01, is a member of the Division of Pediatric Orthopaedics and the Division of Spinal Disorders of the Brandywine Institute of Orthopaedics in Pottstown, and is affiliated with Pottstown Memorial Medical Center. He completed fellowships in pediatric orthopaedic surgery at the Nemours/Alfred I. duPont Hospital for Children and spine surgery at Shriners Hospital.

Jennifer J. Hyder, MD; Radiation Oncology Residency '08, a radiation oncologist at the Mass General Cancer Center at Cooley Dickinson Hospital in Northampton, Mass., presented a free lecture as a part of the Understanding Breast Cancer Risk and Screening Cooley Dickinson/Massachusetts General Hospital Lecture Series.

Toufic Imam, MD; General Surgery Residency '13, a board-certified general surgeon, joined the vascular surgery team of the surgical care group at Catholic Medical Center in Manchester, N.H.

Todd M. McGrath, MD; Emergency Medicine Residency '04, joined Aria 3B Orthopaedic Institute in Northeast Philadelphia as a sports medicine physician.

WE WANT TO HEAR FROM YOU!

Share your professional accomplishments in Alumni Notes — just email pulse@drexelmed.edu.

If you have **new contact information**, please let us know by calling 215.255.7345 or emailing medical.alumni@drexel.edu. This will ensure that you receive alumni publications, invitations and other important news.

Gela Mchedlishvili, MD, Internal Medicine Residency, MCP '96, a nephrologist, has been elected as a fellow of the American Heart Association by the Council on the Kidney in Cardiovascular Disease.

Fellowship recognizes scientific and professional accomplishments in the field and active volunteer service and leadership in the AHA. Mchedlishvili is chief of nephrology and director of inpatient and outpatient dialysis units at WellSpan York Hospital. He is a clinical adjunct professor of medicine at Penn State Hershey College of Medicine.



Donald J. McMahon, DO; Internal Medicine Residency '07, was included in *Becker's ASC Review* on a list of 21 gastroenterologists serving as directors of osteopathic GI fellowship programs across the country.

Brittany Portonova, DPM; Podiatric Medicine & Surgery Residency '15, joined the Lehigh Valley Physician Group in Hazleton, Pa.

Michael Prochaska, MD, Drexel/Hahnemann Pathology Residency '15, is a fellow in surgical pathology at the University of Utah School of Medicine. See Tomi-Olugbodi, page 18.

In Memoriam

Norma R. Allen, MD, WMC '56, November 21, 2015
Conrad M. Brahin, MD, HU '48, December 31, 2015
Jack S. Campbell, MD, HU '46, January 16, 2016
Richard D. Capriotti, MD, HU '70, November 21, 2015
Ralph B. Carruthers, MD, HU '64, December 15, 2015
Gordon S. Clement, MD, HU '65, January 28, 2016
Jeanne A. Cooper, MD, HU '47, November 14, 2015
Arthur Finkelstein, MD, MCP '77, December 5, 2015
Margaret S. Fontana, MD, WMC '49, January 30, 2016
George William Fouse Jr., MD, PhD, MCP '84, January 23, 2016
Carmela P. Koussis, MD, HU '62, January 9, 2016
Dawn G. Malcolm, MD, MCP '73, January 9, 2016
Catherine F. McCoy, MD, MCP '72, December 16, 2015
Jacob H. Ohanesian, MD, HU '49, December 20, 2015
Judith Hadassah Rettig, MD, WMC '49, November 29, 2015
Ella M. Ricci, MD, WMC '39, January 23, 2016
Edward P. Seisler, MD, HU '54, February 1, 2016
Joan Shipley, MD, WMC '63, April 21, 2015
Roslyn P. Skyer, MD, HU '46, December 20, 2015
Virgil D. Stoltzfus, MD, HU '58, December 2, 2015
Laurel Warner, MD, PhD, MCP '81, January 1, 2016

Rosalie Burns Goldberg, MD, a former faculty member of Medical College of Pennsylvania, died at the age of 83, on November 5, 2015. Burns Goldberg was one of a handful of women accepted to Yale University School of Medicine in 1952. She joined the faculty of the Medical College of Pennsylvania in 1964 and served as chair of the Department of Neurology from 1975 to 1995, bridging the name change to MCP Hahnemann School of Medicine. She is survived by her husband of 57 years, retired neuro-radiologist Herbert I. Goldberg; her daughter, Laura Raab; her son, Alan Goldberg; four grandchildren; and one great-grandchild.

Norma R. Allen Lindberg, MD, WMC '56, died November 21, 2015. She was 84. After earning her medical degree, she moved to St. Petersburg, Fla., to be with her parents and to become the first female intern at Mound Park Hospital. She is said to have been one of the last physi-

cians in St. Petersburg to make house calls. Most of her career in the 1970s and '80s was spent in the emergency department at Palms of Pasadena Hospital. Later, she worked at walk-in clinics and volunteered at some of the area's free clinics. In retirement she took up painting. She is survived by her daughter, Nancy Lindbergh; her son, John Lindbergh; and four grandchildren.

John A. Lupas, MD, HU '59, died December 26, 2015, at the age of 83. After internship, he joined the Public Health Service, working at Ft. Sill in Lawton, Okla., and at the Oklahoma Indian Hospital until 1962, when he returned to Philadelphia to complete his residency at St. Christopher's Hospital for Children. His pediatric practice in Pottstown, Pa., grew into Coventry Family Practice and eventually became part of Pottstown Memorial Medical Center. He was medical director at Manatawny Manor nursing home and also served at the Frederick Living Mennonite home. He is survived by his wife, Judy A. Hanson; his children, Anice Keenan Jones, Jack Lupas, Sam Lupas, Laura Henkel and Adam Glasgow; and 11 grandchildren.

Margaret Iszard Messinger, MD, WMC '45, passed away on December 13, 2015. She was 95. During her medical career, she practiced anesthesiology at Rhode Island Hospital and at Alta Bates Hospital in Berkeley, Calif. She is survived by her children, James, Donald, Paul, Alice and Laura; eight grandchildren; and three great-grandchildren. She was predeceased by her husband, Harley B. Messinger, MD, PhD.

Virgil D. Stoltzfus, MD, HU '58, passed away on December 2, 2015, at age 83. He had a family practice for 17 years in Pennsylvania and was a medical director for Bethlehem Steel in Pennsylvania and Indiana, and for an urgent care center in Indiana. He traveled on many mission trips and served for two years on a medical mission in Puerto Rico. A master gardener, he was also a train and plane enthusiast, and held a private pilot's license. He is survived by his wife of 60 years, Doris Gross; their children, Beverly Sandvold, Audrey Fetters, Douglas Stoltzfus and Bruce Stoltzfus; and six grandchildren.



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Alumni Weekend

This year all alumni will gather on the same weekend to celebrate. Classes ending in 1 or 6, and Grand Classes (Classes of 1965 and earlier), we hope to see you in May.

**Grand
Classes**

1971

1981

1991

2001

2011

1966

1976

1986

1996

2006

Schedule of Events

Thursday, May 19, 2016

- ▶ Classes of 1966 Dinner at Union League of Philadelphia

Friday, May 20, 2016

- ▶ Drexel University College of Medicine Commencement
- ▶ 50 Year and Grand Classes Celebration Luncheon
- ▶ Classes of 1991 Silver Dragon Reunion Induction Ceremony
- ▶ 2016 Reunion Reception in Dinosaur Hall for All Class Years

Saturday, May 21, 2016

- ▶ Saturday Series Track 1:
Travel Back to Medical School
- ▶ Saturday Series Track 2:
Moving Forward with Simulation
- ▶ Dean's Award Luncheon

View the events, invite classmates, see who's coming!
Visit drexel.edu/medicine/alumni/reunions.