



Natural Defenses: Protecting the Brain From Degenerative Disease

When Olimpia Meucci first began researching the impact of neuroinflammation on the neurological complications of HIV/AIDS, it was at the height of the global panic about the emerging health threat. "HIV was a major medical problem. People recognized that, in addition to compromising the immune system, the disease caused neurological deficits," Meucci says. "However, because severe neurological deficits typically occurred when the disease had progressed to a point where there was little to be done for the

patient, no one was looking closely at how to mitigate these issues. At the time, most clinical and research efforts were directed at halting viral replication and infection."

Today, although HIV-infected patients have long benefited from antiretroviral therapies, there is still no treatment for the neurocognitive disorders associated with HIV/AIDS. Meucci is hoping to change that. Now professor and chair of Drexel's Department of Pharmacology & Physiology and director of the Center for Neuroimmunology & CNS Therapeutics, Institute of Molecular Medicine & Infectious Disease, she just received funding from the NIH for the 16th year in a row, supporting her work around neuroHIV. Ongoing studies in her lab primarily focus on neuroprotective pathways and the role of substance abuse and aging in HIV-associated cognitive decline.

After earning her medical and PhD degrees at the University of Naples in her native Italy, Meucci came to the United States for further training. With fellowship awards from the Italian Institute of Public Health and the Association of Neurological Research, she pursued AIDS research at the University of Chicago. Among her most profound discover-

ies was that chemokine receptors play key roles in HIV-induced neuronal damage and control essential neuronal and glial functions.

Meucci brought her work to the College of Medicine in 2000. She has continued to build on those early investigations, looking at mechanisms whereby chemokines regulate neuronal survival and neurotransmission, with the goal of finding ways to guard against the destructive effects of HIV in the brain. The research also extends beyond HIV-associated neurocognitive disorders (HAND) — with implications for other diseases such as Alzheimer's and schizophrenia, which show similar decreases in dendritic spine density. (Dendritic spines — tiny protrusions from a neuron's dendrite — receive input from synapses and are critical for signaling and memory.)

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Ellis Island Medal honors courage, compassion, generosity



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The awards of teaching our graduate students



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Commencement — it's not all solemn ceremony



Jeff Fusco

Olimpia Meucci, MD, PhD

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pulse

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Welcoming the Future

It's a brand new year! We have welcomed the future of medicine — 260 members of the Class of 2022 — and the future of biomedical science — 380 new graduate students.

As far as I'm concerned, we have the cream of the crop — not only are they bright, high-achieving and engaged individuals, they come from myriad experiences and backgrounds that will enrich our culture. Almost 10 percent of the new matriculants in the Graduate School of Biomedical Sciences and Professional Studies are international students, and a good number of the first-year medical students have immigrant parents. I was thrilled to hear that the first-years have 22 different languages among them. I'm looking forward to Spanish-speaking lunches!



Daniel V. Schidlow, MD

The new medical students rose to the top of a pool of 13,528 applicants; about one in every four U.S. medical school applicants applied to Drexel. Students who self-identify as underrepresented minorities constitute 13 percent of the class; more than a

quarter of the class are from groups underrepresented in medicine (minorities, rural and disadvantaged). Another statistic I find meaningful is that 15 percent of our new medical students were the first generation in their families to go to college.

All of these facts and figures overlook the stunning wealth of talents our students bring with them: the footballers, the Eagle Scouts, the principal cello in a city orchestra, the quintet of alto saxophones, the national amateur pool player, the farmers, the dancers — from hip hop to classical Indian to Bollywood — not to mention the visual artists! We look forward to discovering what makes each student unique.

What's next?

In anticipation of the 2021 accreditation visit by the Liaison Committee on Medical Education, and preceding the customary self-study, the College will write its next strategic plan. Under the stewardship of Dr. Valerie Weber, who will lead the process, the planning will address the five major areas — undergraduate medical education, graduate medical education, the Graduate School of Biomedical Sciences and Professional Studies, the clinical enterprise, and research — and include faculty throughout the medical school.

We are excited to now be actively engaged with Reading Hospital and Tower Health in planning the College of Medicine's branch campus. Each visit shows us how spectacular the hospital truly is, and increases our appreciation of the teaching facilities it offers our students. Our meetings confirm that this collaboration presents a wonderful opportunity, and we look forward to its development and future success.

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

Staying Connected During Medical Training

Once a month I travel to a safe haven that provides shelter to socioeconomically disadvantaged women and children affected by domestic violence. There, I facilitate what has become known as “Doctor’s Night.”

The first session focused on heart health. I borrowed a small plastic model of the heart from the coronary care unit at the hospital and brought echocardiograms demonstrating normal and abnormal myocardial contraction. I prepared a few key teaching points, but encouraged participants to guide the session. As expected, women asked questions about common medical problems such as strokes, hypertension, and diabetes. The session took a more personal turn as women shared stories of loved ones, explained beliefs supporting complementary therapies, and expressed doubts about the appropriateness of their prescribed medications.

In subsequent sessions, my lesson plan continued to take a backseat to issues surrounding individual experiences with the medical establishment — shifting the purpose from agenda-focused health literacy to understanding the needs and voice of the community I was serving.

My decision to become a doctor came later in life than for most of my colleagues. The idea first occurred to me after college when I was on Medicaid. It was triggered by a deep awareness of health disparities shaped by long wait times in free clinics and inferior medical care. I remember thinking, “there need to be more doctors here,” and I considered the possibility of becoming one. I had no background in science, but the seed to practice medicine as a means for social justice had been planted and I embraced the transformation as it took root.

I often equate the experience of introductory medical training to learning how to be a robot. For me, mastery of the necessary facts, systems, and algorithms required a great deal of thinking “inside the box.” I found the true art of medicine to be revealed while working with patients. Prior to beginning residency, I became familiar with the teachings of an Indian mystic. In one of his lectures, he urges medical students to make a serious effort to turn inward and know themselves before touching the bodies of their patients. This concept resonated with me personally and professionally. In devoting some time to meditation, I learned how to create distance from robotic and limited medical thinking by staying involved in activities honoring the roots of my desire to become a physician.

Early in my second year of residency, the Department of Medicine’s cardiology interest group wanted to implement an arm for community outreach. I saw the role of community outreach coordinator as a perfect opportunity to nurture these roots. Researching volunteer projects led me to Dr. Ana Núñez, associate

dean for diversity, equity and inclusion for Drexel College of Medicine. She put me in touch with an administrator for two safe havens, and we scheduled the session on heart health.

I find the more I prepare for each session, the more it moves in a different direction. I enjoy expanding on clients’ specific suggestions for topics, but there are new faces every month, as many relocate to more permanent housing. Last month I prepared a requested workshop on herbs and supplements for women’s health. When I showed up, the meeting room was filled with 10 children ages 6 months to 10 years, and a different group of women, not interested in hearing about herbs. In an effort to engage both clients and their children, we instead spent time learning how to make a Tibetan medicine bowl sing and thinking about whether or not the vibratory sound was “medicine.”

The exact health benefits of a session like this, or any session for that matter, are unclear, and I have no intention of empirically studying the outcomes. It is my belief that this is the kind of passion project where simply showing up leads to the greatest impact for all participants, including myself.

— Lauren Hunter, MD



Lauren Hunter, MD, is a third-year resident in the Drexel/Hahnemann Internal Medicine Residency program.

First Anal Health Symposium Held at College of Medicine

Philadelphia's first Anal Health Symposium, sponsored by Drexel Medicine and Philadelphia FIGHT, was held April 7 at the College of Medicine. The half-day continuing



Dr. Poggio

education event focused on the need for best practices and standard of care for prevention and treatment of anal dysplasia, which can lead to anal cancer if not treated. Juan Lucas Poggio, MD, associate professor of surgery and chief of the Division of Colorectal Surgery, was chair of the event.

The opening session outlined what we mean by anal health and wellness; who is at risk for anal cancer and why; the latest statistics on HPV and anal cancer; and current screening guidelines.

A panel of experts in the fields of infectious diseases,

oncology and colorectal surgery discussed diagnosis, staging, and treatment of anal cancer in a breakout session for physicians and other health care providers. Another session, for the wider community as well as clinicians, addressed prevention and risk-reduction strategies for those engaging in anal sex; appropriate communication between providers and patients about anal sex and anal health; anal health care policies; and sensitivity in delivering an anal cancer diagnosis and supporting the patient.

Speakers included faculty from Drexel, the University of North Carolina School of Medicine and Penn Medicine; representatives of Philadelphia FIGHT and the Bradbury-Sullivan LGBT Community Center; and advocates. Philadelphia FIGHT is a comprehensive health services organization providing primary care, consumer education, research and advocacy for people living with HIV/AIDS and those at high risk.



DrExcel Health Kicks Off October 10

A new student organization, DrExcel Health, intends to be a platform to facilitate interdisciplinary collaboration between students to tackle unmet clinical challenges under physician mentorship.

DrExcel Health was the brainchild of Drexel medical student Kush Mody, Class of 2020, who earned his BS in biological sciences from the University in 2016. His idea grew out of the desire to forge relationships between seemingly disparate disciplines that had one focus in mind: patient care. From the device that is used to check a diabetic patient's blood sugar, to the electronic blood pressure cuff, to the robotics used by the surgeon — there is already an interdisciplinary approach at work here, the founders explain. So why not create a platform that begins to inculcate collaboration at the grassroots level while building on Drexel's prestige in these various disciplines?

With that in mind, Kush, half a dozen other medical

students and one student each from the Close School of Entrepreneurship, the School of Biomedical Engineering, Science and Health Systems, and the College of Medicine's Graduate School of Biomedical Sciences and Professional Studies joined forces to become an official student organization and create a platform that extends beyond project development to provide multiple opportunities for professional development. Advisers include faculty in each of the above-named schools, as well as the LeBow College of Business.

Several projects already lined up by the group will be carried out by teams comprising one medical student, one or two biomedical engineering students and one business or entrepreneurship student.

DrExcel Health plans a kickoff event on October 10 and will be represented at the University City Campus activities fair in mid-October. The successful seminar series launched last year continues this fall. For specifics, contact Temi Daramola, td543@drexel.edu.

New members are welcome!

Dr. Ahmed Receives Ellis Island Medal of Honor

Ziauddin Ahmed, MD, a professor of medicine in the Division of Nephrology & Hypertension, was among a select group of accomplished individuals who were presented with the 2018 Ellis Island Medal of Honor at a ceremony on May 12.

The Ellis Island Medals of Honor embody the spirit of America in their salute to tolerance, diversity and patriotism. Honorees may be native-born or naturalized citizens, but "most importantly, they are individuals who have made it their mission to share their wealth of knowledge, indomitable courage, boundless compassion, unique talents and selfless generosity with those less fortunate" (Ellis Island Honors Society). Ahmed has been a member of the College faculty since 1986 when he joined Medical College of Pennsylvania. He came to the United States from Bangladesh in 1980.



Our Family Ties

After eight years at the helm of the College of Medicine, Daniel V. Schidlow, MD, has announced that he will step down as dean at the end of June 2019. He was named the Walter H. and Leonore Annenberg Dean and senior vice president for medical affairs in 2012, following eight months as interim dean.

An internationally recognized clinician in pediatric pulmonary diseases, Dean Schidlow served as physician-in-chief at St. Christopher's Hospital for Children, chair of the Drexel Department of Pediatrics and senior associate dean of the pediatric clinical campus before becoming interim dean.

During his tenure, he has developed and implemented a modern vision for the College of Medicine, overseeing the transformation of undergraduate medical education into a state-of-the-art curriculum, establishing the Graduate School of Biomedical Sciences and Professional Studies within the College, and growing the research enterprise in an increasingly competitive environment. The College has added new clinical affiliates, strengthened relationships with existing academic campuses, and in April announced

plans to jointly develop a branch medical school campus at Tower Health near Reading Hospital.

A staunch supporter of the Drexel Pathway to Medical School program for those underrepresented in medicine, Dean Schidlow has increased student and faculty diversity. He has also championed professional development for emerging faculty leaders.

Known for his wit, his bow ties and his love of classical music and opera, he has made it his practice to get to know students and to provide strong support for their life-work balance and community engagement.

Dean Schidlow has been an unflappable and caring leader during times of rapid change in health care. After a well-deserved sabbatical beginning in July 2019, he will return to the faculty to pursue his passion for education and academic endeavors.

A committee headed by Aleister J. Saunders, PhD, senior vice provost for research at the University, will lead a nationwide search for a new dean.



REFRESH! Information Skills For Health Sciences Research

Faculty, residents, staff — anyone who wants to brush up on how to search the evidence-based medicine resources the Drexel Libraries supports — is invited to register for a REFRESH workshop.

REFRESH provides an introduction to locating evidence-based material using resources licensed by the Drexel University Libraries. The workshop will detail how to

formulate a clinical question and discuss levels of evidence. A demonstration of PubMed's Clinical Queries search feature, DynaMed, and the Cochrane Database of Systematic Reviews will be included. Specific features in Clinical Key and AccessMedicine will also be explored.

The workshop is held on the second Friday of every month from 9 to 11 a.m. in the Hahnemann Library computer classroom.

Visit libguides.library.drexel.edu/refresh to register for a workshop or to find online resources and tutorials.

Love Your Heart!

They will! More than 50 women — and a few men — attended Love Your Heart! A Free Community Heart Health Event on May 30 at Metropolitan Baptist Church in West Philadelphia. The target audience was African-American women in the Powelton Village/Mantua communities, who may be at higher risk for heart disease and may have inadequate access to health care.

A panel of three Drexel physicians spoke about reducing the risk of heart disease and stroke: cardiologist John Fontaine; family physician Annette Gadegbeku; and psychiatrist Barbara Schindler. A collaboration between the College of Medicine's Institute for Women's Health and Leadership, and the Community Wellness HUB operated by the College of Nursing and Health Professions, Love Your Heart followed the interactive



Kevin Cahill, Joe Cahill and Lauren Cahill; panelists Drs. Schindler, Fontaine and Gadegbeku; moderator Lynn Yeakel; and Loretta Sweet Jemmott, PhD, Community Wellness HUB

format of the institute's Conversations About Women's Health, inviting questions and discussion. Free blood pressure and stroke risk screenings were available on site. The event was sponsored by Lauren Cahill to raise awareness of heart disease in memory of her mother, Diane Cahill.

Medical Mission: Repairing Children's Spines in Colombia

The rewards inherent in treating children who otherwise would not have such care have made Amrit Khalsa, MD, something of a frequent flier on medical mission trips. An assistant professor in the Department of Orthopaedic Surgery, Khalsa went to Colombia in May with an outreach team sponsored by Global Spine Outreach. This was his third trip with the organization, which provides free-of-charge complex spinal surgeries for pediatric patients.

The team of four fellowship-trained spine surgeons, including Khalsa; two neurophysiologists to monitor nerve function during surgery; two surgical device implant specialists; and four administrative volunteers traveled to Cali, where they were based in a hospital that



is consistently ranked as one of the top five in South America.

During the weeklong mission, the group saw more than 70 children in the clinic and performed 20 surgeries on children ranging in age from 7 to 19 with varying degrees of spinal deformities.

Global Spine Outreach runs a trip to this location every six months for continued follow-up and care. In addition to Colombia, Khalsa has also participated in a similar trip to Mexico.

"This trip to Colombia was amazing," says Khalsa. "It was very rewarding to be able to help so many children in just one week. Global Spine Outreach is a great organization."

A graduate of Johns Hopkins University and Tulane University School of Medicine, Khalsa completed the Drexel/Hahnemann Orthopaedic Surgery Residency program in 2016, followed by a fellowship in spine surgery at the San Diego Spine Foundation.

For more information about Global Spine Outreach, visit their website at globalspineoutreach.org.

ELAM Welcomes 24th Class of Fellows

ELAM, the *Hedwig van Ameringen* Executive Leadership in Academic Medicine Program for Women, has welcomed the 2018-2019 fellows, its 24th class.

Still the only longitudinal program in North America dedicated to preparing women for senior leadership roles in schools of medicine, dentistry, public health and pharmacy, ELAM counts more than a thousand graduates. Alumni, or ELUMs, serve in leadership positions at 259 U.S. and Canadian academic health centers.

"Applications to the ELAM Program increased by 11 percent this year," says Nancy D. Spector, MD, executive director. "To accommodate the strong pool of applicants, we expanded our class size by six, to [total] 60 fellows. The fellows come from 53 institutions around the world,

including from Qatar and Pakistan."

In order to be accepted into the program, each fellow must be nominated and supported by the dean or other senior official of her institution. ELAM continues to cultivate strong relationships with participating institutions throughout the yearlong fellowship. One aspect of this relationship is the requirement that each fellow conduct an Institutional Action Project, developed in collaboration with the fellow's dean or other senior official, to address an institutional or departmental need or priority.

"We are extremely excited to see the impact these women will have on their institutions as they work through the ELAM curriculum and develop their action projects," says Spector. "The projects the fellows conduct not only

help them understand the challenges facing academic health centers and the skills a leader must possess to address these challenges, but also often result in concrete changes at their institutions."

The work for this incoming class began in May with online assignments and community-building activities that will continue through the end of the program in April 2019. The first of three weeklong, in-residence sessions brought the fellows together at the Chubb Conference Center in Lafayette Hill, Pennsylvania, on September 22.

Visit drexel.edu/medicine/elam.



ELAM fellows come together as a class for three, weeklong sessions.

We Are Top Doctors

When *Philadelphia* magazine published its annual list of the region's "Top Doctors" in May, it included 123 members of the College of Medicine faculty. We were represented in more than 50 specialties and subspecialties, from adolescent medicine to urology.

This year's Top Docs issue also featured essays by two College of Medicine faculty members. Assistant Professor of Medicine Kevin F. D'Mello, MD, wrote about the inevitability of errors, and the need for transparency and honest self-evaluation. Assistant Professor of Obstetrics & Gynecology Damien Croft, MD, MPH, wrote about having empathy for the realities patients are facing.

Congratulations to the faculty members who were recognized this year (the list and links to the essays can be found at bit.ly/2utzVzz).



The Martha Montgomery Awards for Sex and Gender Research

The Martha Montgomery Awards for Sex and Gender Research, established by her family, were presented for the first time at the 2018 Sex and Gender Research Forum, held last spring.

Martha Montgomery was a strong figure at Drexel University for two decades before her premature death at the age of 62. After graduating from Bryn Mawr College, at 19, she married, raised her family, and resumed her education at the University of Pennsylvania, earning her PhD. She joined Drexel in 1972, teaching a variety of humanities and philosophy courses, and eventually became chair of the Humanities & Communications Department. Later she was appointed assistant vice president for research development and then AVP for program evaluation.

Always ahead of her time, Montgomery developed a specialty in applied and professional ethics for engineering students, and her work in professional and engineering ethics earned several awards. In keeping with her pioneering arc, Montgomery served on the Drexel commission that recommended requiring all students and faculty to have personal computers — Drexel was the first university in the country to do so — and also served on the selection committee that picked the Macintosh as the device.

Perhaps because of her own success, Montgomery supported women (and men) in science and academics, as well as women as mothers and wives. "Her advocacy

for women, both scholarship about women and for women who were scholars, is her greatest legacy," says her son Owen Montgomery, MD, chair of the Department of Obstetrics & Gynecology at the College of Medicine. An undergraduate award in the College of Arts and Sciences — the Martha Montgomery Award for Outstanding Scholarship in Women's Studies — already honors her memory.

The 2018 Martha Montgomery Awards for Sex and Gender Research were given for two presentations at the Sex and Gender Research Forum:

Best Research Talk: Janell Mensinger, PhD, Department of Epidemiology & Biostatistics, Dornsife School of Public Health, for "Social Identity Threat and the Implications of Weight Stigma on Healthcare Avoidance in Women."

Best Flash Talk: Jennifer Nasser, PhD, RD, Department of Nutrition Sciences, College of Nursing & Health Professions, for "Sex-specific Clinical Practice Guidelines and Effective Healthcare for the Patient Who Is Transgender."

The Montgomery family, including College of Medicine faculty members Owen, HU '81, and his wife, Kymberlee Montgomery, DNP, WHNP-C, and Owen's siblings, Mary Montgomery Sickles, MD; Ruth Montgomery, PhD; and DeWitt H. Montgomery III, established the two new awards.

Final Jeopardy

Trainees in the Drexel/Hahnemann Pathology Residency program triumphed over other Pennsylvania teams in the Jeopardy contest hosted by the Pennsylvania Association of Pathologists last spring. The home talent bested competitors from Penn State Hershey, the University of Pennsylvania, Temple, Pennsylvania Hospital, and the University of Pittsburgh Medical Center to take the cup. Go team!

Drs. Diego Morales and Shaymaa Ashi won the contest in the final round.



Graduate Student Awards

The Graduate School of Biomedical Sciences and Professional Studies honored graduating students at a pre-Commencement reception at The Logan on May 16. Prizes for academic excellence were awarded in each program, and the doctoral students received their hoods from their mentors.



Tim Beck

Tim Beck, who was graduating from the MD/PhD program, received the 2018 Amedeo Bondi, PhD, Endowed Graduate Award for excellence in research performance during the training experience. This is the highest recognition given to students in Biomedical Graduate Studies programs.

MS candidate Marc Hem Lee gave an inspiring talk about resilience and opportunity (in part): "I'll start by sharing a story about a student whose vision for his life faded with each bout of adversity. His life's path, however, teaches him many things, and it takes him a number of years, and a number of journeys, to learn the meaning and the value of being empowered by his own choices. Every day is a new chance to sharpen his vision and to take steps toward it,

and the ultimate measure of his success is the gratitude he expresses when things go well, and the grace he musters when they don't." (Read the entire speech at bit.ly/2xheGS7.)



Elizabeth Parzych received her hood from her mentor, James Burns, PhD.

Natural Defenses

• *continued from the cover*

"If we can better characterize the roles of chemokines in the central nervous system, we can develop therapies that promote their neuroprotective abilities and reduce or reverse neuronal deficits," she says. "I would like to find a path to get adjuvant HAND treatments to the clinic, whether it's a way to slow down the functional damage or reduce the neurocognitive impairments as people age."

In her newest NIH-funded work, Meucci is also studying how factors such as drug abuse — specifically opiate use disorder — may hasten the onset of neurological symptoms by contributing to the destruction of dendritic spines and excitotoxicity. "We believe opiates could alter the normal function of select chemokine receptors in a way that contributes to overall damage," she says.

Multiple Models

In the lab, Meucci's team deploys *in vitro*, *ex vivo*, and *in vivo* models to examine the disease's impact on cognitive function. "In the animal models we can reproduce aspects of the disease at the cellular and system level, and determine how to promote pathways that are neuroprotective. Notably, we are able to characterize the change in [dendritic] spines, molecular mediators and cognitive performance in the same animal — which allows us to draw compelling conclusions about mechanistic details, and helps identify potential therapeutic targets. Also, we have access through the NIH to unique brain repositories

that provide ways to validate these cellular targets in human specimens, taking us closer to the human pathology."

An upcoming paper will present Meucci's recent findings on changes in complex cognitive behavior in animal models as a result of specific molecular alterations induced by HIV neurotoxins. "This could be a valuable preclinical model to test candidate drugs against HAND and other neuroinflammatory disorders, which would be a major advantage in the field. What has always interested me is the intersection of neuroscience, immunology and pharmacology — this work sits right at the crossroads."

HIV/AIDS is not the global pandemic people once feared. Therapies have allowed HIV/AIDS patients to live nearly normal life spans, and the clinical manifestations of the disease have changed. Still, about 40 million people worldwide are living with HIV, and as Meucci points out, HAND can deeply impact patients' quality of life, everyday functioning and overall survival.

"You can see cognitive dysfunction, such as loss of attention or loss of memory or the ability to accomplish complex tasks, in treated patients," she says. "Furthermore, the virus gets into the brain very early on, which creates major obstacles to virus eradication and effective treatment. Last but not least, as treated patients are getting older, comorbidities, such as cardiovascular or renal disorders and cancer, present unique challenges," she continues. "Though we think of HIV/AIDS almost as a chronic disease now, these disorders still demand a treatment."

We Are So Honored!

Alpha Omega Alpha Honor Medical Society

This year, 54 members of the College of Medicine community were inducted into Alpha Omega Alpha Honor Medical Society. Election to AOA signifies the physician's dedication to the art and profession of healing. The College of Medicine chapter (Delta Zeta) presented its Volunteer Faculty Award to Andrew McNeil, MD, in the Department of Infectious Diseases at Kaiser Permanente South Sacramento Medical Center.

The alumni inductees were Paul R. Gittens, MD '03, a urologist who is medical director of the Philadelphia Center for Sexual Medicine, and Robert Hyun Cho, MD '04, Orthopaedics Residency '09, chief of staff at Shriners' Hospital for Children in Los Angeles. The faculty inductees were Drs. Theodore Fallon Jr., Psychiatry; Peter D. Pizzutillo, Pediatrics; Juan Lucas Poggio, Surgery; B. Brent Simmons, Family Medicine; and David E. Stein, Surgery. Drs. William Hochgertel, a pediatrics resident at St. Christopher's, and Christina Payne, a rheumatology

fellow, were the inducted trainees. Student inductees are listed below.

Gold Humanism Honor Society

The Gold Humanism Honor Society recognizes students, residents and faculty who are exemplars of compassionate patient care and who serve as role models, mentors and leaders in medicine. Seniors are nominated for induction by their peers; house staff are nominated by the Drexel chapter; faculty members are chosen by a committee of faculty and administration.

The newest members are faculty Drs. Greg Alleyne, Ob/Gyn; Kevin D'Mello, Medicine; John Fobia, Surgery; and Katie McPeak, Pediatrics; house staff Drs. Alvaro Galvez, Surgery; Kevin Gu, Medicine; William Hochgertel, Pediatrics; Nakul Rao, Surgery; Kevin Rurak, Medicine; Kunal Shah, Medicine; Omar Sheriff, Medicine; Nicole Stutzman, Pediatrics; and Sumra Tayebaly, Ob/Gyn (previously elected). Student inductees are listed below.



Attending the joint AOA and Gold Society banquet are (l-r, sitting) Drs. William Hochgertel, Greg Alleyne, Christina Payne, Nicole Stutzman, Paul Gittens, Brent Simmons and Peter Pizzutillo; (standing) Drs. Valerie Weber, Kevin Rurak, Kunal Shah, Amy Fuchs, Kevin Gu, Omar Sheriff, Nakul Rao, Katie McPeak (speaker and GHHS inductee) Steven Rosenzweig, Kathleen Ryan, Theodore Fallon and Kevin D'Mello. The dinner was held at the Germantown Cricket Club on May 16.

Class of 2018 Inductees

AOA

Naveen Balan
Emily Chan
William Coffey
Ryan Cox
Grace Dewitt
Karley Dutra
Whitney Fink
Hannah Gold
Allison Gutierrez
Meghan Hayes
Jason Heald
Brenton Hill
Matilde Hoffman

Timothy Holleran
Saarah Hussain
Saagar Jadeja
Shivani Kapur
Samantha Lacroce
Rachel Lande
Anthony Linfante
Michael Lorentsen
Mitchell MacCready Jr.
Rebecca Meredith
Jonathan Mikolinis
Pooja Monpara
Emily Murphy
Varun Padmanaban

Rohan Patel
Emily Peoples
Thomas Peterson
Chichen Qiu
Justin Rackley
Kelly Ruland
Ravindra Sangitha
Hannah Sterling
Sean Sullivan
Adam Taylor
Robert Tenney
Andrew Touati
Matthew Urban
Elizabeth Usedom

Gaurav Varma
Alexandra Vaughn
Adam Wetzel
Amanda Zeiger

Gold Society

Naveen Balan
Eric Belser
Shelby Brown
Kemi Fatade
Rebecca Golden
Anne Goldring
Mignon Hills
Saarah Hussain

Molly Kaplan
Quynhdiem Lam
Esther Lin
Mitchell MacCready Jr.
Benjamin Nicholas
Monique Patel
Emily Peoples
Jason Roley
Laura Smallcomb
Sean Sullivan
Harun Thimmiah
David Tomajan
Vrunda Vithalani
Hannah Wirth



Andrea Verghese and Dr. Mapow



Dr. D'Mello and Alexa-Rae Pesce



Dr. Rurak

Golden Apple Awards

The medical students honor the dedication of faculty, mentors and staff with the Golden Apple Awards, which were presented on April 10. Individuals are recognized for excellence in teaching by each class. The Student Body and Student Government Association awards recognize service.

Class of 2021

Foundations & Frontiers

Esther Chernak, MD, MPH, Frontiers
Kirsten Larson, PhD, Foundations of Basic Science
Steven Rosenzweig, MD, Foundations of Patient Care
Francis Sessler, PhD, Foundations of Basic Science
Todd Strohlic, PhD, VMD, Case-Based Learning

Class of 2020

Interdisciplinary Foundations of Medicine

Cheryl Hanau, MD, Pathology & Laboratory Medicine
Donna Russo, PhD, Medical Microbiology
Michael White, PhD, Medical Pharmacology
Sunil Verma, MD, Introduction to Clinical Psychiatry

Program for Integrated Learning

Donna Antonucci, MD, Small Group Facilitator
Amy Baranoski, MD, Medical Pathophysiology
Lynn Watson, MD, Small Group Facilitator

Class of 2019

Interdisciplinary Foundations of Medicine

Beth Mapow, DO, Pathology & Laboratory Medicine

Program for Integrated Learning

Barbara Simon, MD, Medical Pathophysiology

Attending Physician

Kevin D'Mello, MD, Internal Medicine, Hahnemann
Robert Massaro, MD, OB/GYN, Monmouth
Peter Pickens, MD, Internal Medicine, Abington
Kathleen Ryan, MD, Internal Medicine, Hahnemann

Resident Physician

Jessica Fazendin, MD, Surgery, Hahnemann
William Hochgertel, MD, Pediatrics, St. Christopher's
William Morano, MD, Surgery, Hahnemann
Sanghee Suh, MD, Pediatrics, St. Christopher's

Class of 2018

Attending Physician

Joseph Boselli, MD, Internal Medicine, Hahnemann
Joseph Costic, DO, Surgery, Hahnemann
Sarah Long, MD, Pediatrics, St. Christopher's
S. Nini Malayaman, MD, Anesthesiology, Hahnemann
Robert Promisloff, DO, Internal Medicine, Hahnemann

Resident Physician

Yasir Al-Khalili, MD, Neurology, Hahnemann
Ryan McGuire, MD, Ophthalmology, Hahnemann
Mario Montalvo, DO, Internal Medicine, Hahnemann
Kevin Rurak, MD, Internal Medicine, Hahnemann

Student Body

For Outstanding Service to the Community

Jill Adaman, PhD, Office of Student Wellbeing
De'Shea Bentley, Public Safety
Karen Shulik, Office of Student Affairs & Career Advising

Student Government Association

For Outstanding Service to the Student Body

Patrick Emile, Food Service
Anna-kay Thomas, Office of Student Affairs & Career Advising



Julianna Cervino and Dr. Promisloff



Ms. Bentley and Temi Daramola



Dr. Suh and Emna Bakillah

Graduate School Faculty Awards

Faculty members of the Graduate School of Biomedical Sciences and Professional Studies were honored at a reception at The Logan on May 9. Awards were given in seven categories.



Dr. Jost and graduating student Marc Hem Lee, Division of Pre-medical and Pre-health Programs



Graduate School Dean Elisabeth Van Bockstaele, PhD, and Dr. Gaurnier-Hausser



Dr. Bouchard received his award from students Carlie Mendoza and Andrew Matamoros

Division of Pre-medical & Pre-health Programs

Best Professor

Monika Jost, PhD
Pathology & Laboratory Medicine

Kirsten Larson, PhD
Microbiology & Immunology

Best Mentor

Anita Gaurnier-Hausser, PhD

Monika Jost, PhD

Best Adjunct Faculty

Michael Carchidi, PhD

Division of Interdisciplinary & Career-Oriented Programs

Best Professor

Joanne Mathiasen, PhD
Pharmacology & Physiology

Elise Mosser, PhD
Microbiology & Immunology

Sandra Urdaneta-Hartmann, MD, PhD
Microbiology & Immunology

Division of Biomedical Science Programs

Best Professor

Michael Bouchard, PhD
Biochemistry & Molecular Biology

Best Advisor/Mentor

Peter Baas, PhD
Neurobiology & Anatomy

Best Student Advocate

Ramesh Raghupathi, PhD
Neurobiology & Anatomy



Drs. Urdaneta-Hartmann, Michael Nonnemacher and Mosser



Dr. Raghupathi



Drs. Larson and Douglas Baird



Senior Vice Dean Valerie Weber, MD; Graduate School Dean Elisabeth Van Bockstaele, PhD; Drexel Trustee Stanley W. Silverman; College Dean Daniel V. Schidlow, MD; Drexel University Provost M. Brian Blake, PhD; Commencement speaker Ignacio Sánchez Díaz, MD; Drexel Chair Richard Greenawalt; and Drexel President John Fry



Commencement 2018

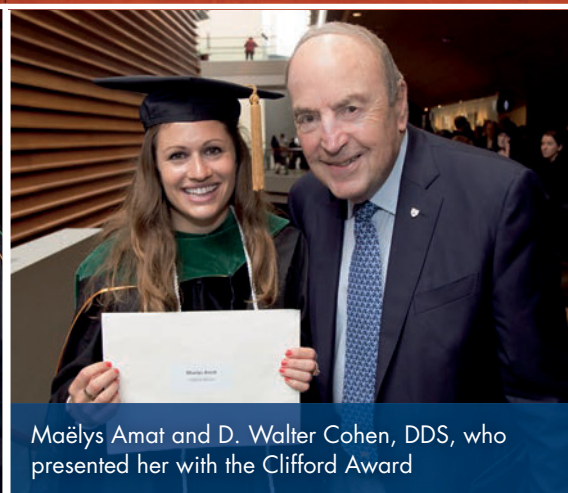
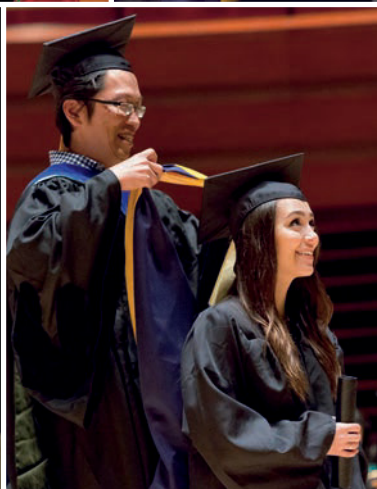


Reciting The Graduate Student Oath



The Oath of Hippocrates





Maëlys Amat and D. Walter Cohen, DDS, who presented her with the Clifford Award

Jessica Ausborn, PhD, instructor in the computational neuroscience group of Ilya Rybak, PhD, Department of Neurobiology & Anatomy, was this year's recipient of the Edward Jekkal Muscular Dystrophy Research Fellowship for her proposal "Control Strategies of Descending Command Systems for the Generation of Context Specific Locomotor Behaviors." This fellowship is designed to strengthen the training of senior postdoctoral students and facilitate the career development of young research faculty members interested in research related to neuromuscular diseases and motor neuron atrophies. The fellowship will provide funding for two years in the amount of \$53,000 per year.



Peter Baas, PhD, professor, Department of Neurobiology & Anatomy, presented a talk, "New Advances on the Mechanisms by Which Molecular Motor Proteins Organize Neuronal Microtubules," at the Mini Symposium on Neuron Mechanics and Growth, held at the Hebrew University of Jerusalem in May. Baas also presented a seminar, "Tau: It's Not What You Think," at the Weizmann Institute of Science in Rehovot, Israel, in May.

Baas received a three-year grant totaling \$1,007,925 from the Department of Defense entitled "Microtubule-based Therapy for Neurodegeneration in Gulf War Illness: Studies With hiPSC-Derived Neurons From Gulf War Veterans."

Liang Qiang, MD, PhD, research assistant professor, Department of Neurobiology & Anatomy, is co-investigator on the grant.



Daniel Bender, DO, in his first year in the Child & Adolescent Psychiatry Fellowship received the 2018 Kenneth Gordon Jr., MD, Award, a competitive award offered each year to one local child psychiatry fellow by the Regional Council of Child and Adolescent Psychiatry of Eastern

Pennsylvania and Southern New Jersey, based on an essay that best exemplifies Gordon's advocacy work and career.

Jadwiga Bilchak, a PhD candidate in neuroscience, has been awarded one of three scholarships from the Wings for Life Foundation to attend the Neuroscience School of Advanced Studies course on spinal cord injury in Venice, Italy, in September. Bilchak is conducting her thesis research in the laboratory of Marie-Pascale Côté, PhD, research assistant professor, Department of Neurobiology & Anatomy.



Elizabeth Blankenhorn, PhD, a professor in the Department of Microbiology & Immunology, was inducted into the College of Physicians of Philadelphia in May. She was nominated for the honor by the organization's president, George Wohlfreich, MD, with the support of

Drexel College of Medicine Dean Daniel V. Schidlow, MD. Blankenhorn received her PhD from the California Institute of Technology. She joined Hahnemann University School

of Medicine (predecessor of Drexel College of Medicine) in 1985 from the University of Pennsylvania, rising quickly through the ranks. She is the course director for Immunology I and teaches in the Molecular Biology and Genetics, Advanced Immunology, and Medical Immunology courses. She has served on dozens of College and University committees and has been a member of the Drexel Faculty Senate since 2014. She recently served on the advisory board for the Midwinter Conference of Immunologists and as a council member for the Research Programs Advisory Committee at the National Multiple Sclerosis Society. Current grant-supported research includes the genetics of amyotrophic lateral sclerosis, multiple sclerosis and diabetes. Blankenhorn has more than 100 peer-reviewed publications.



Zachary Brodnik, a PhD candidate in neuroscience, received both the Japan Neuroscience Society Travel Award and the Society for Neuroscience JNS Travel Award to present a poster at the 41st annual meeting of the Japan Neuroscience Society, held July 26-29 in Kobe. Earlier

this year, he received the 2018 Society for Biological Psychiatry Predoctoral Travel Fellowship to attend and present a poster at the society's annual meeting, May 10-12 in New York City. Brodnik is doing research in the laboratory of Rodrigo España, PhD.

Eileen Collyer, PhD, postdoctoral fellow in the laboratory of Veronica Tom, PhD, in the Department of Neurobiology & Anatomy, was this year's recipient of the Christopher Reeve Fellowship for her proposal "Role of the BET Proteins in the Development of Autonomic Dysreflexia After Spinal Cord Injury." This fellowship was established to support research and training of scientists and clinicians working in the area of spinal cord and brain injury research.



Marie-Pascale Côté, PhD, research assistant professor, Department of Neurobiology & Anatomy, delivered a speech, "Activity-Dependent Increase in BDNF Shifts Chloride Homeostasis to Improve Spasticity After SCI," at the fourth annual Shriners-Temple Symposium on Neural

Repair in June 2018. In addition, Côté has published a review article, "Spinal Control of Locomotion: Individual Neurons, Their Circuits and Functions," in the June issue of *Frontiers in Physiology*, along with colleagues at CUNY.



Dr. Dougherty



Dr. Giszter

Kimberly Dougherty, PhD, assistant professor, and **Simon Giszter, PhD**, professor, both in the Department of Neurobiology & Anatomy, were awarded a \$3,201,855 (total) five-year

multi-PI R01 grant from the National Institute of Neurological Disorders and Stroke for their joint project "Crucial Spinal Circuit Changes That Mediate Locomotion Benefits of Combined Biological/Bionic/Rehabilitation Therapies After Spinal Cord Injury."



Rodrigo España, PhD, assistant professor, Department of Neurobiology & Anatomy, has been awarded an NIH R01 grant renewal for his project "Hypocretin/Orexin Regulation of Dopamine Signaling and Cocaine Reinforcement." He also presented his work "Hypocretin/Orexin

Influences Dopamine Neurotransmission and Cocaine Associated Behavior" at the Monitoring Molecules in Neuroscience meeting held March 25-28 in Oxford, U.K.



Itzhak Fischer, PhD, professor and chair, Department of Neurobiology & Anatomy, and Peter Galie, PhD, assistant professor at Rowan University, have obtained a two-year grant from the Craig Neilsen Foundation, "Transplanting Pre-Vascularized Scaffold to Repair Spinal Cord Injury."



John M. Fontaine, MD, MBA, professor of medicine in the Division of Cardiology; **Sona M. Franklin, MD**, research associate (now also an internal medicine resident at St. Mary Medical Center); **Gilbert Essilfie, MD**, Cardiovascular Disease Fellowship '18, currently a

fellow in clinical cardiac electrophysiology; and **Lilian E. Ahiable, MD**, Cardiovascular Disease Fellowship '18, are the authors of "Cardiac Resynchronization Therapy: A Comparative Analysis of Mortality in African Americans and Caucasians" published in *Pacing and Clinical Electrophysiology (PACE)*, May 2018 (PMID: 29570216).

African Americans historically have been under-represented in clinical trials, and cardiac resynchronization therapy is underutilized in this population, thus its benefits are not well defined. The study found that the long-term survival benefit was similar in African Americans (n = 131) and Caucasians (n = 163). The presence of multiple comorbidities adversely influences outcomes, and in African Americans the lack of coronary surgical intervention or therapeutic modulation of the neurohormonal system is associated with increased mortality.

Andrew Gargiulo, doctoral student in the laboratory of Jessica Barson, PhD, Department of Neurobiology & Anatomy, won a Junior Investigator Award and was a finalist for the Enoch Gordis Research Recognition Award at the Research Society on Alcoholism 2018 meeting held in San Diego, California, in June.



Peter Gaskill, PhD, assistant professor, Department of Pharmacology & Physiology, received a Comprehensive Neuro-AIDS Center Pilot Grant Award for his project "Evaluating the Interaction of Dopamine and Microglia in HIV-associated Neuroinflammation."

Calendar

October

- 9 **Drexel University College of Medicine General Faculty Meeting**
New College Building, 12-1 p.m.
Contact: Michele Taylor, mt475@drexel.edu
- 10 **Power in Medicine: A Conversation About Bias in Our Clinical Spaces**
Invited speakers and details:
<http://bit.ly/PowerInMedicine>
New College Building, 8 a.m.–noon
CME credit available; free but registration required
Contact: Brenda Wills, bw29@drexel.edu
- 11 **New Faculty Orientation**
Queen Lane Campus, 3-4:30 p.m.
Contact: Michele Taylor, mt475@drexel.edu
- Faculty Reception**
Queen Lane Campus, 5-6:30 p.m.
Contact: Michele Taylor, mt475@drexel.edu
- 23 **Discovery 2018: College of Medicine Research Day**
The Pennsylvania Convention Center
Information: drexel.edu/medicine/discoveryday
Contact: Stephanie Schleidt, ss3946@drexel.edu

November

- 22 **Thanksgiving**
- 30 **Annual Medical Education Faculty Development Day**
Queen Lane Campus, 7:30 a.m.–2 p.m.
Contact: clinicaleducation@drexel.edu

Save the Dates

A Day With the Newborn, January 25
St. Christopher's Hospital for Children
Contact: alma.barbarena@americanacademic.com

Sex and Gender Research Forum, March 13
Contact: jkb48@drexel.edu

Ongoing

Drexel Medicine Physician Refresher/ Re-entry Course
Contact: Cynthia Johnson, 215.762.2580

Alumni: For information about alumni events, please call toll-free 888.DUGRADS (888.384.7237), email medical.alumni@drexel.edu or visit drexel.edu/medicine/alumni/events.



Florence Gelo, DMin, NCPsychA, associate professor in the Department of Family, Community & Preventive Medicine, is the author of "The Painter and the Potter: Voices in Color and Texture" published in the Spring 2018 issue of *Hektoen International: A Journal of Medical*

Humanities (hekint.org/2018/05/24/the-painter-and-the-potter-voices-in-color-and-texture).

Simon Giszter, PhD, professor, Neurobiology and Anatomy, was an invited speaker at the 8th Annual Advances in Spinal Cord Injury Research symposium in May at Rutgers New Jersey Medical School. His presentation was titled "How Some Spinal Complete Rats Can Walk: Basic Science of Spinal Motor Control and Promoting Mechanisms of Recovery Using Combined Therapies." Giszter was also an invited speaker at the Neuroengineering Symposium: "Probing and Rewiring Neural Circuits," organized by Catherine von Reyn, PhD, as part of the 2nd International Neuroergonomics Conference: The Brain at Work and in Everyday Life, hosted by Drexel University in June. His talk was "Enhancing and Directing Cortical and Spinal Plasticity: Lessons From the Rodent Model of Spinal Cord Injury."

Giszter was co-organizer of a workshop, "Modularity and Compositionality in Motor Control: Issues and Perspectives," held in celebration of the scientific contributions of Emilio Bizzi, MD, institute professor emeritus at MIT. Giszter chaired the introduction and first session of the workshop, "What Are the Neural Bases of Modularity in the Nervous System?" The workshop followed the International Neural Control of Movement meeting in Santa Fe, New Mexico.



Haviva Goldman, PhD, associate professor, Department of Neurobiology & Anatomy, has been appointed vice chair of medical education in the department effective July 1, 2018. In this role, she will oversee the department's medical teaching program, including Medical Embryology,

Gross Anatomy, Microanatomy and Neuroscience threads within the College of Medicine's integrated curriculum, and will continue to develop the department's educational mission.



Sharon Griswold, MD, MPH, professor of emergency medicine, has been honored by the Simulation Academy of the Society for Academic Emergency Medicine with its 2018 Distinguished Educator Award for "a career demonstrating sustained excellence and contribution to simulation-

based training in emergency medicine." Griswold is the founder and director of the MS in Medical & Healthcare Simulation program. She was the first woman at the College of Medicine to earn the rank of professor of emergency medicine.



Ms. Gupta



Dr. Barson

Anuranita Gupta, BS/MD student; **Andrew Gargiulo**, doctoral student; **Genevieve Curtis**, graduate student; **Preeti Badve**, research assistant; **Surya Pandey**, doctoral student, all

members of the Barson Lab, and **Jessica R. Barson, PhD**, assistant professor, Department of Neurobiology & Anatomy, published a paper, "Pituitary Adenylate Cyclase-Activating Polypeptide-27 (PACAP-27) in the Thalamic Paraventricular Nucleus Is Stimulated by Ethanol Drinking," in *Alcoholism: Clinical & Experimental Research* (2018, in press).



Michael Lane, PhD, assistant professor in the Department of Neurobiology & Anatomy, gave a platform presentation, "Spinal Interneurons and Phrenic Plasticity After Cervical Spinal Cord Injury," at the Intermittent Hypoxia Retreat in Gainesville, Florida, in April. Lane also presented two

invited seminars, at the University of Melbourne and the Florey Institute of Neuroscience and Mental Health, in Melbourne, Australia, in June. This work was published in *Journal of Neurotrauma* in June and was recently accepted into *Trends in Neurosciences*. This research also serves as the basis for a recently funded R01 from the National Institute of Neurological Disorders and Stroke.



Daniel Mascarenhas, MD, clinical professor in the Department of Medicine, was invited by the Heart Rhythm Society to serve as guest faculty at the 39th annual scientific sessions in Boston on May 11. He presented "Administrative Perspective: Reuse of CIEDs in India." He is also the author of "Role of Cardiovascular Implantable Electronic Devices in Delivering Individualized Disease-guided Management of Patients With Non-valvular Atrial Fibrillation and High Bleeding Risk," which has been accepted for publication by *Acta Cardiologica*.



Hemalatha Muralidharan, MS, neuroscience doctoral student in the laboratory of Peter Baas, PhD, presented a poster, "KIFC1, A Mitotic Motor Protein Crosslinks Microtubules in a Manner That Opposes Axon Retraction," at the EMBO-EMBL Symposium, Microtubules: From Atoms to Complexes, held in May at the European Molecular Biology Laboratory in Heidelberg, Germany.



C. Virginia O'Hayer, PhD, clinical associate professor, Department of Psychiatry, and director of the Center City Clinic for Behavioral Medicine, has been elected chair of the Pennsylvania and Delaware Directors of Clinical Training. The organization was founded in 2016 to address

the needs of doctoral candidates in psychology, who must complete clinical externships, and to coordinate a process

and timeline with training sites across the Greater Philadelphia area. The uniform timeline and associated “match day” protect both students and training sites from pressure to commit or make an offer in advance.

Ankita Patil, MS, neuroscience doctoral student in the laboratory of Peter Baas, PhD, in the Department of Neurobiology & Anatomy, received a 2018-2019 Dean’s Fellowship for Excellence in Collaborative or Themed Research. Patil also presented a poster entitled “Novel Molecular Mechanisms Regulating Microtubule Polarity Orientation in the Axon” at the Cytoskeletal Motors Gordon Research Conference in July 2018 in Vermont.

Aditya Pawar, MD, a resident in the Drexel/Hahnemann Adult Psychiatry Residency program, was a lead contributor to “Comparison of Early Intervention Services vs Treatment as Usual for Early-Phase Psychosis: A Systematic Review, Meta-analysis, and Meta-regression” published in *JAMA Psychiatry*, June 2018 (published online May 2).



Dr. Pelleg **Dr. Schulman**

Amir Pelleg, PhD, adjunct professor of medicine; **Edward S. Schulman, MD**, professor of medicine; and Peter J. Barnes, DM, professor and head of respiratory medicine at the

National Heart and Lung Institute, London, U.K., published “Adenosine 5'-triphosphate’s Role in Bradycardia and Syncope Associated With Pulmonary Embolism” in *Respiratory Research* (2018) 19:142; published online July 28.

Liang Qiang, MD, PhD, research assistant professor, Department of Neurobiology & Anatomy, and **Peter Baas, PhD**, professor, Department of Neurobiology & Anatomy, published a paper with their neuroscience doctoral students **Timothy Austin, PhD '18**, and **Hemalatha Muralidharan, MS**, “Tau Does Not Stabilize Axonal Microtubules But Rather Enables Them to Have Long Labile Domains,” in *Current Biology* (doi: 10.1016/j.cub.2018.05.045).

Qiang also delivered a keynote speech, “A New Mouse Model for Hereditary Spastic Paraplegia,” at the Tissue Engineering and Regenerative Medicine International Society–Asia Pacific Meeting 2017 (TERMIS-AP 2017) in Nantong, China, in September 2017.

• continued on next page



Psychiatry resident Aditya Pawar, MD (right), with Professor Donna Sudak, MD, took third place for his poster presentation and was a member of the winning Mind Games team.

Honorable Mention: Clonidine Abuse: A Case Report and Review of Literature

Aarya Rajalakshmi and Aditya Pawar (residents) and Thambipillai Suresh Kumar (faculty)

Other Honors

Drexel’s team also matched wits with other psychiatry programs to win Mind Games on the Schuylkill. Team members included residents Mario Mangiardi, Aditya Pawar and Aarya Rajalakshmi.

In addition, first-year child and adolescent psychiatry fellow Mikal Hicks-Black (a graduate of the adult psychiatry program) received an award for her dedication to family-based care.

*The article “Suicide and Deliberate Self-Harm in Pakistan: A Scoping Review” was published in *BMC Psychiatry* (2018) 18:44.

Drexel Psychiatry Shines at Colloquium of Scholars

The College of Medicine hosted the Philadelphia Psychiatric Society’s Colloquium of Scholars on April 14. The annual education meeting elicits friendly competition among the Philadelphia-area psychiatry residency programs. Many Drexel residents participated and, gracious hosting aside, they are entitled to say they won the event.

Poster Presentations

1st Place: Restoring Prefrontal Inhibition to Treat Cognitive Symptoms of Schizophrenia

Yasmin Mohabbat (resident), Linda A. Chamberlin (MD/PhD student), Brielle R. Ferguson (2017 PhD alumna), and Wen-Jun Gao (faculty)

2nd Place: Suicide and Deliberate Self-Harm in Pakistan: A Scoping Review*

Sara Bachani (resident), Sualeha S. Shekhani, Shagufta Perveen, Dur-e-Sameen Hashmi, Khawaja Akbar and Murad M. Khan (other authors from Aga Khan University, Pakistan)

3rd Place: Immunosuppressants Associated Psychosis on Consultation Psychiatry

Aditya Pawar and Aarya Rajalakshmi (residents); Sunil Verma and Donna Sudak (faculty)

Margo Randelman, a PhD candidate in the Department of Neurobiology & Anatomy, received a travel award to attend the Intermittent Hypoxia Retreat in Gainesville, Florida, in April and present a Data Blitz talk on her work "Daily Acute Intermittent Hypercapnia Training to Improve Respiratory Plasticity Following Spinal Cord Injury."

Kathryn Stroup MD, and **Leah Scherzer, MD**, both assistant professors in the Department of Pediatrics, and former pediatrics faculty members Drs. Benjamin Sanders, Bruce Bernstein and Lee M. Pachter, published a research article, "A New EHR Training Curriculum and Assessment for Pediatric Residents," in *Applied Clinical Informatics*, Volume 8, Issue 4, pp 994-1002 (2017). The research was done at St. Christopher's Hospital for Children.



Dr. Taylor

Daniel R. Taylor, DO, associate professor of pediatrics, is the author of "Medical Mystery: The Toddler Who Walked Like an Old Man," published in the Health section of the *Philadelphia Inquirer* (online April 13); and "Medical Mystery: Kids Who Can't Stop Going" (online June 1). The

Inquirer also published two opinion pieces by Taylor: "The Stress of Poverty Is a Serious Disease for Philly Kids" (online May 21) and "My Patients Are Kids Caught in the Middle of the Opioid Crisis. Who Speaks for Them?" (online June 14).

Mark Trombetta, MD, and the late **Luther Brady, MD** (see In Memoriam, page 23), both professors in the

Department of Radiation Oncology, are editors of *Alternate Fractionation in Radiotherapy: Paradigm Change* (Springer, 2018). Trombetta is the system director of clinical programs at Allegheny Health Network Cancer Institute, Division of Radiation Oncology, Allegheny General Hospital.



Lyandysha (Lana) Zholudeva, a PhD candidate in the Department of Neurobiology & Anatomy, received a travel award to attend the Intermittent Hypoxia Retreat in Gainesville, Florida, in April and present a Data Blitz talk on her work "Intermittent Hypoxia Enhances Connectivity Between Neuronal Progenitors and Injured Cervical Spinal Cord."

Zholudeva also received a travel award to attend the joint meeting of the American Society for Neural Therapy and Repair and the International Symposia on Neural Transplantation in Clearwater, Florida, to make a platform presentation, "Transplantation of Neural Progenitors and V2a Interneurons After Cervical Spinal Cord Injury," also in April. This work was published in *Journal of Neurotrauma** in June and was recently accepted into *Trends in Neurosciences*.

*Lyandysha V. Zholudeva; Liang Qiang, PhD, research assistant professor; Victoria M. Spruance [PhD Neuroscience '18]; Margo L. Randelman, a PhD candidate; Tatiana Bezdudnaya, PhD, instructor; Itzhak Fischer, PhD, professor and chair; and Michael A. Lane, PhD, assistant professor, all in the Department of Neurobiology & Anatomy, published "Transplantation of Neural Progenitors and V2a Interneurons After Cervical Spinal Cord Injury" in *Journal of Neurotrauma* (2018) doi.org/10.1089/neu.2017.5439 (online ahead of editing: June 6).

Young Scientists Star at ISNV/SNIP Symposium

A dozen graduate students representing the Departments of Microbiology & Immunology and Pharmacology & Physiology made presentations at the 2018 Society on NeuroImmune Pharmacology (SNIP) scientific conference, held jointly with the International Symposium on NeuroVirology (ISNV) and the Conference on HIV in the Central Nervous System (organized by the NeuroVirology group), last spring in Chicago. The exciting meeting bridged the fields of neurovirology, immunology, and pharmacology, featuring a broad array of topics and special sessions on drugs of abuse and infectious diseases that impact the neuroimmune axis.

Brian Wigdahl, PhD, chair of the Department of

Microbiology & Immunology, is co-chair of the ISNV Meetings Committee, on which Michael Nonnemacher, PhD, associate professor in the department, also serves. Olimpia Meucci, PhD, chair of the Department of Pharmacology & Physiology, is chair of the SNIP Communications Committee, and Peter Gaskill, PhD, assistant professor, Pharmacology & Physiology, is vice chair of the SNIP Meetings Committee.

Four students received an Early Career Investigator Travel Award for the symposium: medical student Gordon Hill (mentor, Meucci); Alex Allen, a third-year graduate student, who was selected for an oral presentation (mentor, Wigdahl); Jennifer Marcy, a second-year MS student (mentor, Vanessa Pirrone, PhD); and Jamie Marino, second-year PhD student (mentor, Nonnemacher).

Compliance & Privacy: HIPAA

All HIPAA Privacy Policies and Procedures are available online at drexel.edu/cpo/privacy/privacy-policies, together with information on Drexel's HIPAA Privacy and Security Program.



Tell your colleagues what you're doing. Email CoM_Pulse@drexel.edu.

More Than 100 Participate in Faculty Day

More than 100 faculty members from the basic science and clinical departments attended Faculty Professional Development Day on June 1, at the Queen Lane Campus. All four basic science departments and 11 clinical departments were represented, and participants ranged from early-career to senior faculty.

Dena Hofkosh, MD, MEd, associate dean for faculty affairs at the University of Pittsburgh School of Medicine, presented the keynote talk, "Promoting Faculty Well-Being," and led a discussion and workshop. Individual career planning was the next topic. Senior faculty offered CV review and feedback sessions, and 45 faculty members

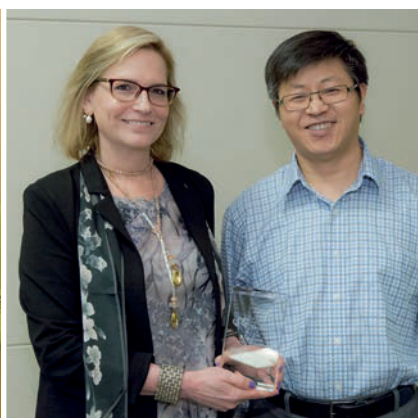
met one-on-one with a facilitator.

Faculty innovation was on display in what were called SNIP-ITs: 10 faculty members made TED talk-style presentations on topics ranging from "Social Determinants of Chronic Kidney Disease in Philadelphia" to "The Most Important Thing I Learned Since Residency." There were also a dozen poster presentations.

In celebration of faculty achievement, faculty awards were given to 14 deserving recipients, who were recognized for their excellence in scientific research, education, patient care, professionalism, community impact, leadership and mentoring.



Ellie Cantor, PhD, MCP '79, presents Vanessa Durand, DO, with her fellowship award letter.



Nancy Spector, MD, associate dean for faculty development, with awardee Wen-Jun Gao, MD, PhD



Senior Vice Dean Valerie Weber, MD, and Zarro award winner Theodore Corbin, MD, MPP

Faculty Awards

2018 Mary Dewitt Pettit Fellowships

- Margaret Gilfillan, MD, Department of Pediatrics, for her project, "Exposure to Hyperoxia Results in MicroRNA-451 Mediated Inhibition of the Macrophage Migratory Inhibitory Factor Pathway in Bronchopulmonary Dysplasia"
- Vanessa Durand, DO, Department of Pediatrics, for her project, "Implicit Bias: Impact of Medical Staff Exposure to Urban Patient Population Over Time"

Julian Marsh Faculty Scholar Award

- Wen-Jun Gao, MD, PhD, Department of Neurobiology & Anatomy

June Klinghoffer Clinical Educator Award

- Pamela Duke, MD, Division of Internal Medicine

Oksana Korzeniowski Patient Care Award

- Kevin D'Mello, MD, Division of Internal Medicine
- Shareen Kelly, MD, Department of Pediatrics

William Likoff Clinical Excellence Award

- Paul Nyirjesy, MD, Department of Obstetrics & Gynecology

Vincent Zarro Community Outreach Award

- Theodore Corbin, MD, MPP, Department of Emergency Medicine

Angelo Pinto Educator Award

- Amy Baranoski, MD, Division of Infectious Diseases & HIV Medicine

Elias Abrutyn Mentoring Award

- Mauricio Reginato, PhD, Department of Biochemistry & Molecular Biology

Early Career Clinical Scientist Award

- Alison Carey, MD, Department of Pediatrics

Emerging Clinical Leader and Innovation Award

- Nicholas Kuzma, MD, Department of Pediatrics

Young Investigator Award

- Kimberly Dougherty, PhD, Department of Neurobiology & Anatomy
- Patrick Osei-Owusu, PhD, Department of Pharmacology & Physiology

For descriptions of the awards and a list of previous winners, visit bit.ly/ducomfacultyawards.

'40s

Carl Records, MD, HU '43, was honored by proclamations from the mayors of the City of Cape May and the Township of Lower, both in Cape May County, New Jersey, in celebration of his 100th birthday.

Aimee Madeline Wiggins Richmond, MD, WMC '48, received the Albert Nelson Marquis Lifetime Achievement Award from Marquis Who's Who. She worked at a private practice in Middletown, Ohio, for 40 years before retiring in 2003.

'50s

Renate L. Soulen, MD, WMC '57, was presented with the 2018 Gold Medal from the Society of Interventional Radiology at the society's annual meeting. She served as a professor of radiology at Wayne State University and director of magnetic resonance imaging at the Detroit Medical Center before retiring in 2005.

'60s

Joel Schwartz, MD, HU '65; Child and Adolescent Psychiatry Fellowship, HU '72, is the author of a new book, *Shrink Unwrapped* (IPBooks, 2018), a humorous novel about a psychiatrist undergoing his own psychoanalysis. Schwartz is the emeritus chair of psychiatry at Abington Memorial Hospital. He has written several other books,



both fiction and nonfiction. His *Noses Are Red: How to Nurture Your Child's Sense of Humor* was showcased at the 2017 BookExpo America.

Jerold J. Yecies, MD, HU '66, of Stockton, California, received the 2018 Lifetime Achievement Award of the San Joaquin County Medical Society. The honor was presented at the society's annual membership dinner in June. The first board-certified allergist to practice in San Joaquin County, Yecies and his partners in Allergy, Immunology and Asthma Medical Group have expanded to eight locations, and the practice has served more than 100,000 patients in its 45 years.



'70s

Marylou Buyse, MD, WMC '70, joined Precision for Value as vice president, Integrated Health Solutions, for the company's Quality and Population Health Solutions team.

Lawrence R. Ricci, MD, HU '73, wrote a new book, *What Happened in the Woodshed: The Secret Lives of Battered Children and a Profession Protecting Them* (Praeger, 2018).

Stephen Colen, MD, HU '74, a plastic surgeon based in New York City, joined the board of directors of The Gift of Life Marrow Registry, a nonprofit bone marrow registry that facilitates marrow and blood stem cell transplants for patients with leukemia, lymphoma and other blood-related diseases.

Mariell Jessup, MD, HU '76, received the American Heart Association's highest volunteer honor, the Gold

Health Sciences Resources for Alumni Online

The Alumni Guide to Health Sciences Resources created by the Drexel University Libraries is a treasury of free databases, journals, drug information, patient education materials and other tools.

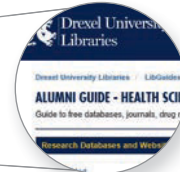
The website is a clearly organized one-pager packed with useful links and descriptions of what you'll find. Among the databases you can access:

- PubMed, the National Library of Medicine's free search service, comprising more than 23 million citations.
- Trip (Turning Research Into Practice), a directory of links to high-quality sources of medical information on the web.
- Agency for Healthcare Research and Quality
- National Academies Press. View reports from the National Academies of Sciences.
- theNNT, a searchable resource of evidence-based medicine summaries with a focus on patient-oriented evidence.

In addition, you can access free journals through the following:

- BioMed Central Open Access
- Directory of Open Access Journals
- Highwire Free Online Full-Text Articles
- Morbidity and Mortality Weekly Report
- Public Library of Science
- PubMed Central Journals

There are also links to health statistics, citation management tools and an interlibrary loan service called Loansome Doc.



Visit libguides.library.drexel.edu/alumni_healthsciences/.

Heart Award, during the Gold Heart Banquet on June 26 in Plano, Texas. Jessup is the inaugural chief scientific officer of the Foundation Leducq, an international grant-making institution that funds cardiovascular and neurovascular research.

Kenneth S. Kosik, MD, MCP '76, was elected as a fellow of the American Association for the Advancement of Science. He is the Harriman Professor of Neuroscience and co-director of the Neuroscience Research Institute, University of California, Santa Barbara.

Stephen Klasko, MD, HU '78, president of Thomas Jefferson University and CEO of Jefferson Health, was the only hospital executive named among Fast Company's Most Creative People in Business for 2018. He was also the winner in the Visionary category of the Ernst & Young 2018 Entrepreneur of the Year Greater Philadelphia awards.

Victor H. Mailey, MD, HU '78, received the George G. Haydock Award from the Lloyd Center for the Environment. He is a retired general practitioner of family medicine in New Bedford, Massachusetts.

Donald J. Wilfong Jr., MD, HU '79, is vice chair of the Department of Medicine at West Penn Hospital and medical director of the STAR [Simulation Teaching and Academic Research] Center at Allegheny Health System. He practices with West Penn Medical Associates in Cheswick and Pittsburgh, Pennsylvania.

'80s

Andrew Cichelli, MD HU '80, a pulmonologist and critical care medicine specialist, received a 2018 Excellence in Clinical Education Award from the Medical College of Georgia at Augusta University. He practices at East Georgia Pulmonary & Sleep Disorder Medicine in Statesboro, Georgia.

Claire M. Cohen, MD, HU '80, a child and adolescent psychiatrist serving patients with Wesley Spectrum Services, has been named a 2018 Top Doctor in Pittsburgh, Pennsylvania.

Susan Hostetter Krieger, MD, HU '81, joined Mount Nittany Health in State College, Pennsylvania, as the medical director of palliative care services.

Daniel J. Rader, MD, HU '84, chair of the Department of Genetics in the Perelman School of Medicine at the University of Pennsylvania, was awarded the Antonio M. Gotto Jr. Prize in Atherosclerosis Research by the International Atherosclerosis Society. The prize, which is given once every three years, recognizes outstanding scientific or medical advancement in understanding the causes and development of atherosclerosis.

Joseph Cacchione, MD, HU '85, was appointed interim ministry market executive for Ascension Michigan while continuing in his current role as president of Ascension Medical Group.

Richard Malamut, MD, HU '85, has been named chief medical officer at Braeburn, a biopharmaceutical company in Plymouth Meeting, Pennsylvania. He joined Braeburn from Avanir Pharmaceuticals, where he also was CMO. Braeburn's focus is the development of long-acting medicines to treat opioid addiction.

Stephen A. Chidylo, MD, HU '87; DDS, a plastic, reconstructive and maxillofacial surgeon, has opened a new office in Manahawkin, New Jersey, to serve the southern Ocean County region, and has added surgical staff privileges at Southern Ocean Medical Center. He is celebrating his 25th year in practice in Monmouth County.

Patrick Hwu, MD, MCP '87, head of the MD Anderson Cancer Center's Division of Cancer Medicine, was inducted into the Johns Hopkins Society of Scholars.

Dennis E. Mayer, MD, HU '87, a general surgeon, has joined the Cherokee Surgical Associates office of the Mary Black Physicians Group in Gaffney, South Carolina. He will also maintain his practice with the Mary Black Physicians Group Surgical Specialties in Spartanburg County.

Theresa Eichenwald, MD, MCP '88, was appointed medical director at CitiWell, the wellness program at Citibank in Irving, Texas.

Nicholas Tsarouhas, MD, HU '89, was inducted into Rider University's Science Stairway of Fame on June 9 as a part of the Rider Alumni Awards Ceremony. Tsarouhas, an emergency medicine physician at The Children's Hospital of Philadelphia and a professor of clinical pediatrics at the University of Pennsylvania's Perelman School of Medicine, received his undergraduate degree from Rider and served on Rider's Science Advisory Board from 2007 to 2017.

'90s

Elisa F. Segal, MD, HU '91, is senior clinical solutions medical director, manager, at national Aetna Medicaid. She has been leading the opioid initiative — A Prescription for Change — at Mercy Care since 2016, is a member of the Arizona governor's Goal Council and state taskforce on opioids, and is the author of the white paper *A Prescription for Change* and the booklets *If at First You Don't Prescribe* and *Power Over Pain*. Segal conceived of, organized and served as speaker, emcee and course director for "Changing the Conversation: A Prescriber's Symposium," a conference sponsored by Mercy Care, held June 2, 2018, in Tempe, Arizona, and speaks locally and nationally on this subject.



Patrice M. Weiss, MD, HU '92, was invited as a keynote speaker for *Becker's Hospital Review's* Health IT + Revenue Cycle 2018 Conference, September 19 to 22 in Chicago. Weiss is executive vice president and CMO of Roanoke, Virginia-based Carilion Clinic, and a professor of obstetrics and gynecology at the Virginia Tech Carilion School of Medicine.

Charlene Ives, MD, MCP '95, a specialist in oncology and hematology at Southwest Vermont Medical Center, has been elected to a three-year term on the board of directors of the Bennington Rescue Squad.

Zoyla Almeida, MD, HU '97, a gynecologic surgeon at the West Boca Medical Center in Boca Raton, Florida, was highlighted in the "Salute to Physicians" section in *South Florida Hospital News and Healthcare Report*.

Karyn Woelflein, MD, MCP '97, joined the Pain Center at Mercy Hospital, a full-spectrum pain management and rehabilitation clinic in Portland, Maine.

Daniel Albo, MD; PhD Molecular Pathobiology, MCP '98, has been named chair of the Department of Surgery at the Medical College of Georgia at Augusta University. Albo, who formerly served as vice chair, is the Floyd C. Jarrell Jr. MD Distinguished Chair in Surgical Oncology. He directs Oncology Surgical Services and Health Services Research at the Georgia Cancer Center and co-leads the Colorectal Cancer Team.



David Junkin Jr., MD; MS Medical Science, MCP '98, joined the medical team at the Hackensack Meridian Health Orthopedic and Spine Institute of New Jersey.

Yaping Shou, MD; PhD Molecular Biology & Biotechnology, MCP '98, joined Trillium Therapeutics in June as the chief medical officer. Trillium is a clinical stage immunoncology company in Toronto. Shou previously served as executive medical director at Takeda Pharmaceuticals.

Britton Frome, MD, MCPHU '99, co-founder of Go To Ortho in Lake Oswego, Oregon, was featured by *Becker's Spine Review* as an "Orthopedic Surgeon to Know." Frome received his MS in medical science from Hahnemann in 1996.

Jeffrey Kile, MD, MCPHU '99, a pediatrician at the Pediatric Associates of Kingston in Kingston, Pennsylvania, was profiled in an article in the National Doctors Day edition of the *Times Leader*.

Michael Machuzak, MD, MCPHU '99, served as guest speaker at the commencement ceremony for Pennsylvania's Mount Carmel Area High School, of which he is a graduate. Machuzak is a pulmonologist at the Cleveland Clinic's Respiratory Institute.

'00s

Ian B.K. Martin, MD, MCPHU '00, has been appointed professor and system chair of the Department of Emergency Medicine and professor of medicine at the Medical College of Wisconsin. He will also become emergency physician-in-

chief of the Froedtert and MCW health network. He joins MCW from West Virginia School of Medicine, where he was professor and chair of emergency medicine, and professor of medicine.

Sean N. Higginson, MD, MCPHU '01, a neuroradiologist with Radiology Consultants of Lynchburg (Virginia), has been named president of the practice.

Ashkan Naraghi, MD '04, a pulmonologist and critical care physician with 8920 Medical Associates in Beverly Hills, California, has been named a 2018 Top Doctor in Los Angeles.

Melissa Pugliano-Mauro, MD '04, a dermatologist, received the "Everyday Hero" award from the Pennsylvania Medical Society for going above and beyond in providing patient care. She is the clinic director of UPMC St. Margaret Dermatology and program director for the Dermatology Residency program at the University of Pittsburgh. She was selected for the award from a statewide pool of nominees; she is the first recipient from Pittsburgh.



Kelly Rose Kane, MD '05, opened her own dermatology practice, Kane Dermatology, in Somers Point, New Jersey.

Dennis Salotti, MS Clinical Research Organization & Management '08, became the chief operating officer at Avoca Group, Inc.

'10s

Brett Beaulieu, DMD; PBC Interdisciplinary Health Science '11, a general dentist with both the Johnston Dental Group and Harborside Family Dental, has been named a 2018 Top Doctor in Johnston and East Providence, Rhode Island.

Jessica Brumfield, DO; MS Biological Sciences '11, was featured in the "Resident Spotlight" in *The Moultrie Observer*, which highlights physicians training at the Georgia South Family Medicine Residency Program.

Christopher Chong, MD '13, joined the medical staff of Our Lady of Lourdes Medical Center in Camden, New Jersey. He specializes in sports medicine. Chong was previously an attending at Mercy Health System in Upper Darby, Pennsylvania. He completed his primary care sports medicine fellowship at Crozer Keystone Health System following a family medicine residency at Crozer Chester Medical Center.



Kelvin Monroe, MS Interdisciplinary Health Sciences '13, earned his medical degree from Geisinger Commonwealth School of Medicine in May. He is doing his residency in pediatrics at the University of Texas Health Science Center at San Antonio.

Nicholas Girardi, MD '14, joined the medical team at Dermatology & Advanced Skin Care in Ellicott City, Maryland, part of Integrated Dermatology.

Jason R. Woloski, MD '14, was recently promoted to assistant program director of the Geisinger Kistler Family Medicine Residency program in Wilkes-Barre, Pennsylvania. He sees patients at the Geisinger Kingston Outpatient Clinic and Geisinger Wyoming Valley Hospital. He also serves as a clinical assistant professor of family medicine for the Geisinger Commonwealth School of Medicine in Scranton (formerly The Commonwealth Medical College). Woloski completed his residency in family medicine at Penn State Health Milton S. Hershey Medical Center.



Luke Gatta, MD '16, a resident at Duke University, was mentioned in "Health Department Ob/Gyn Clinic Going Strong," an article in *The Warren Record* about the Warren County Health Department's weekly obstetrics and gynecology clinic, where care is provided through a partnership between the health department and Duke University Medical Center's ob/gyn department.

Former Residents and Fellows

(alphabetical)

Lilian E. Ahiable, MD; Drexel/Hahnemann Cardiovascular Disease Fellowship '18. See "What We're Doing" (Fontaine).

Gilbert Essilfie, MD; Drexel/Hahnemann Cardiovascular Disease Fellowship '18. See "What We're Doing" (Fontaine).

Lauren Giustra, MD; Obstetrics & Gynecology Residency, MCP '96, joined the Rome Hospital Foundation's board of directors. She and her husband, **Ankur M. Desai, MD; Obstetrics & Gynecology Residency, HU '96**, co-founded their practice, Mohawk Valley Women's Health Associates in Rome, New York.

Mo Lareef, MD; Drexel/Hahnemann General Surgery Residency '10, a surgical oncologist, joined the medical staff at Crozer-Keystone General Surgery Associates at Ridley Park and Glen Mills, Pennsylvania. He completed his fellowship in surgical oncology at Fox Chase Cancer Center.

Gela Mchedlishvili, MD; Internal Medicine Residency, MCP '96, a nephrologist, has received his MBA with a concentration in health care management from York College of Pennsylvania. He practices with WellSpan Health in York and is the site director of WellSpan Nephrology, as well as director of the DaVita Dialysis unit and York Hospital acute dialysis unit.



Rabie Stephan, MD; Renal/Pancreas Transplant Fellow, HU '93, joined Carthage Area Hospital, Carthage, New York, as a general surgeon. He specializes in a wide range of laparoscopic procedures.

Altha Stewart, MD; General Psychiatry Residency, HU '82, took office as president of the American Psychiatric Association on May 9. An associate professor of psychiatry and director of the Center for Health in Justice Involved Youth at the University of Tennessee Health Science Center in Memphis, she is the first African American to lead the 37,000-member APA since its founding in 1844.



We want to hear from you. Email medical.alumni@drexel.edu or call toll-free 888.384.7237. Website: drexel.edu/medicine/alumni

In Memoriam

Edward G. Dailey, MD, HU '58, July 2, 2018
Richard G. Ellis, MD, HU '45, June 2, 2018
Geraldine Fink, MD, WMC '53, April 13, 2018
Edwin N. Freeman, MD, HU '55, June 29, 2018
John J. Gain III, MD, HU '91, May 7, 2018
Pauline Haas, MD, WMC '50, May 17, 2018
Stanley Hadley Jr., MD, HU '58, April 21, 2018
Thomas Patrick Lynch, PhD '13, April 28, 2018
Robert I. Morris, MD, HU '66, April 17, 2017
Axel K. Olsen, PhD, HU '83, May 24, 2018
Jonathan Y. Richmond, PhD, HU '68, June 27, 2018
Lee F. Schuchardt, PhD, HU '65, May 2, 2018
William Seidman, MD, HU '62, March 29, 2018
Lola P. Shapiro, MD, HU '51, January 12, 2018
Albert R. Tama, MD, HU '55, June 5, 2018
Harry L. Thomas, MD, retired clinical professor of surgery, June 14, 2018
Maria Verso Burt, MD, WMC '66, May 24, 2018

Luther W. Brady, MD, a renowned radiation oncologist and a faculty member who had served as professor and chair of the Department of Radiation Oncology and Nuclear Medicine at Hahnemann University and MCPHU School of Medicine, died on July 13. He was 92. In the course of his career, he was elected president of every major professional society in his field. He was a fellow of both the American College of Radiology and the American College of Radiation Oncology. He chaired the Radiation Therapy Oncology Group, a nationwide consortium to evaluate forms of cancer treatment, as well as the radiation oncology committee for the Accreditation Council for Graduate Medical Education. His contributions were recognized with numerous honorary degrees and fellowships from institutions in the United States and abroad. He served on the board of George Washington University, and the governing board of the GW School of Medicine and Medical Center.

Correction: In error, Donald J. Wilfong Jr., HU '79, was listed in "In Memoriam" in the Spring issue of *Pulse*. We regret the mistake and the distress it caused to Dr. Wilfong, his family and friends.



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D. Walter Cohen, DDS Chancellor Emeritus, Teacher, Mentor, Friend

D. Walter Cohen, DDS, chancellor emeritus of the College of Medicine, and former president and chancellor of the Medical College of Pennsylvania, died on June 29. He was 91.

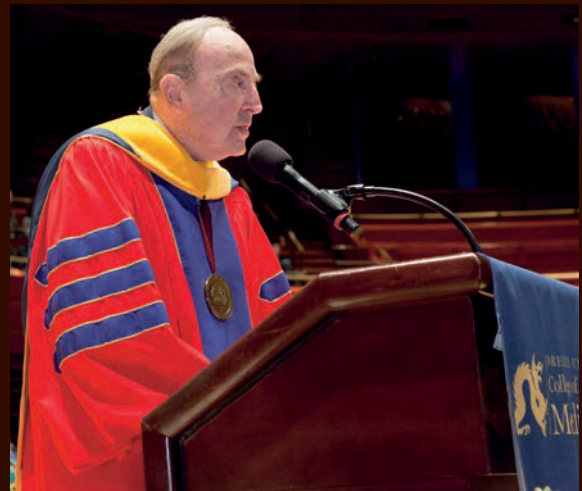
Beloved teacher, mentor and inspiration to generations of students and faculty, Dr. Cohen became president of MCP in 1986, following a 35-year career at the University of Pennsylvania School of Dental Medicine, including 11 years as dean.

During his tenure as MCP president, he was instrumental in adding the 15-acre Queen Lane Campus and led the endowment of 16 academic chairs and professorships. He was especially proud to have been a driving force behind the highly successful Executive Leadership in Academic Medicine Program for Women (ELAM).

When Drexel took over management of the merged MCPHU School of Medicine, Cohen was a strong supporter. He served as a trustee of Drexel University College of Medicine from 2008 to 2014, when the College was brought under the Drexel board, and then served as a member of the College of Medicine Advisory Council.

Cohen created the Betty A. Cohen Endowed Chair in Women's Health at the College in honor of his late wife, as well as the D. Walter Cohen Endowed Fund and a lectureship. He was also a champion of Drexel's School of Public Health and the College of Nursing & Health Professions' 11th Street Family Health Services complex. He cared deeply about the Judaic Studies program at Drexel and was an early investor in the Raymond G. Perelman Center for Jewish Life.

Cohen's contributions to dentistry, medicine and academ-



Each year at Commencement, Dr. Cohen announced the recipient of the Maurice C. Clifford, MD, Leadership Award, the only student award presented during the ceremony. For another picture, see page 13.

ics were recognized with numerous awards and honors from all over the world, including honorary degrees from the Hebrew University of Jerusalem, the University of Athens, the Louis Pasteur University in Strasbourg and Drexel University, among others. In 1990, Ambassador Walter Annenberg endowed the D. Walter Cohen Professorship and Chair in Periodontics at Penn Dental Medicine.

Cohen is survived by three children, Jane E. Millner, Amy Cohen and Dr. Joanne Cohen Katz, five grandchildren, two great-grandchildren and his partner, Claire Reichlin.