



Healing Arts Students and Trainees Learn the Power of Integrating Art and Medicine

Many students at the College of Medicine are finding that involvement with the arts helps to enhance their medical school experience and may benefit their future patients.

Painting and drawing are among the activities pursued monthly by members of the College's Art Club, founded by third-year student Brian Park in early 2015. "I find that painting helps me process my experiences and slow down a little when the pace of medical school gets stressful," he says. "I thought others might benefit from this also." Ninety students participate in the club.

The club's goals are to serve as a creative outlet for expression and processing of feelings, provide a means of self-care, and help students develop and maintain a hobby to create balance in their lives, share their work with others, and recognize that medicine is an art as well as a science, according to Art Club adviser Florence Gelo, DMin, NCPsyA, associate professor, Department of Family, Community & Preventive Medicine.

Park notes that students enjoy painting with the club because it helps them relax and they enjoy the companionship of their peers. "Involvement with art also helps us become more conscious of how we feel," he says. "And knowing what we feel is important in patient care."

Art Club members have created a gallery of their work at the Queen Lane Campus, where they meet, and have also displayed their work at College events such as DUCOM Classical concerts. In addition to painting, the club has offered special programs such as a musical showcase night. They also collaborated with the Department of Psychology to host a breast cancer survivor who spoke about her experience and demonstrated how artistic expression helped her get through it.

In addition to paint nights, museum visits and guest speakers, the Art Club is talking about offering arts-and-crafts activities this year, according to second-year student Geena Chacko, incoming club president.

A second art club, known as the Art Collective, will officially launch in the fall.



At paint nights, Art Club members work companionably on their individual pieces, often based on a common theme or prompt.

FALL 2016
Vol. 4, No. 4



News: AMA, AOA, USPHS – it's an alphabet of awards



How to manage the ubiquitous smartphone



Discovery Day downtown! – October 20th

Contents

Healing Arts 1
Destination Excellence 3
Mini-Med Research 5
New Surgery Chair 11
Compliance & Privacy 11
Mind Your Smartphone 13

NEWS & EVENTS

Sim Wars, Philly Girls Play Chess,
outreach from Chinatown to
Korea to North Philadelphia 6-11

WHAT WE'RE DOING

Activities and accomplishments 14-15

ALUMNI

Free Library Resources 7
Alma Dea Morani Exhibit 9
Class notes, 1953 through 2015 16-19

Calendar 17

In Memoriam 19

pulse

Pulse, a publication for students, faculty, staff and alumni of Drexel University College of Medicine, is published five times a year by the Marketing & Communications Department
1601 Cherry Street, Suite 11484
Philadelphia, PA 19102

Marsha Braverman
Chief Marketing Officer

Jean Tracy
Editor

Heidi Karl
Art Director, Hollister Creative

Contributing writers:
Dan Heinkel, Adrienne Hovey,
Lauren Ingeno, Nancy West

Editorial Advisory Council:
Leah Cianfrani, Danielle Kane,
Michael Lombardo, Paul McGonigle, PhD,
Michael Nonnemacher, PhD, Brent Simmons, MD

Submissions may be mailed to *Pulse* c/o the Marketing & Communications Department, emailed to pulse@drexelmed.edu, or faxed to 215.255.7301.

For questions, comments or additional copies of *Pulse*, call 215.255.7330 or email pulse@drexelmed.edu.

drexel.edu/medicine
drexelmedicine.org



A New Year!

I feel exhilarated by the start of the school year. In August we welcomed 260 new medical students from 25 states across the country. Our admissions were more competitive in every regard — more applicants completed the full application process, a record number of accepted students turned down other schools to come to Drexel, and the first-years' GPAs and MCATs are higher as well.

We also are proud to have 260 new graduate students in our Graduate School of Biomedical Sciences and Professional Studies, including doctoral students and MS students in the Divisions of Biomedical Science Programs, Pre-medical and Pre-health Programs, and Interdisciplinary and Career-Oriented Programs.

Diversity is fundamental to our mission. The number of medical students who are from backgrounds traditionally underrepresented in medicine as defined by the Association of American Medical Colleges has increased to 12 percent of the class this year. At Drexel we have an inclusive definition of underrepresented in medicine that takes account of socioeconomic factors; 22 percent of the class is in this group.

Last fall, Linda Berardi-Demo, EdD, had just joined us as the associate dean for admissions and enrollment.



Daniel V. Schidlow, MD

We are so happy to have her! When we asked her to relay her experience in her almost first year here, she said she has been continually impressed by the dedication of the faculty and staff to the students and the College, and is honored to be "on this team." What I like best is she said she smiles everyday as she pulls into the parking lot, excited to start her day at "such an amazing place!"

I like to point out that not only does interest in our school remain strong, but it is obvious that our culture resonates with many people who, given the option, decide to come and join us instead of going to other places.

Brett Haislup, a first-year student who completed our post-baccalaureate premed MS degree, says he chose Drexel for medical school because it has a reputation for graduating students who become outstanding clinicians. But equally important, he says, he feels he "belongs to the environment at Drexel, where students are encouraged and supported by their peers and faculty." Also, he noted the College of Medicine's strong focus on helping the Philadelphia community.

For me this is a time of renewal — renewed enthusiasm, renewed commitment. We are now just a year away from the implementation of the new medical education curriculum, and things are already happening. For example, the renovation of a new teaching space (Room 104, for those in the know) with state-of-the-art technology has been completed at Queen Lane to enhance our ability to provide "flipped classroom" instruction in a team-centered environment.

I look forward to being on the scene when I resume my weekly lunches this semester with the Queen Lane students.

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

The Philadelphia LGBTQI Symposium

Residents in the Department of Psychiatry have a strong interest in mental health issues in the LGBTQI population. With the support of their department and program, and the leadership of then third-year resident Francis Smith, DO, the psychiatry residents organized a daylong symposium that attracted the sponsorship of Friends Hospital and the participation of the Philadelphia Department of Behavioral Health and Intellectual disAbility Services. Smith shares the results.

About two years ago, one of the psychiatry residents put together a conference on LGBTQI issues with outside speakers, and we decided to expand on the idea. I had given a seminar on the standards of care for transgender patients last fall and we branched out from there. We wanted to learn about the standards of care in terms of transgender surgery, to discuss overall psychiatric standards of care in the LGBT community, and to hear from individuals in the community themselves.

It just grew exponentially. We reserved an auditorium at Friends with 100 seats, and interest was so high that we had to turn people away. The program was really well received, so we look forward to continuing it, to share the knowledge and the issues that are faced within the LGBT community and to learn how we can better serve the community from a mental health standpoint.

An introduction to transgender medicine and surgery was presented by Sherman Leis, DO, of the Philadelphia Center for Transgender Surgery, who is chair of the Division of Plastic & Reconstructive Surgery at Philadelphia College of Osteopathic Medicine. Leis has been performing sexual reassignment surgery for more than 30 years. He discussed the different procedures one can have and the appropriate age for surgery — a heavily debated topic.

To have sexual reassignment surgery in the United States at this time, the patient has to have reached the age of full consent, 18 (the age is 16 in some European countries). Hormone therapy can start at an earlier age. To have genital reconstruction, the patient has to have had two evaluations by mental health professionals. The World Professional Association for Transgender Health has put out guidelines, and that's pretty much what everyone follows (wpath.org).

Standards of transgender mental health care and best practices were presented by Sarah Noble, DO, from the Department of Psychiatry at Albert Einstein Medical Center.

Noble went over terminology used within the LGBT community — things you should say, things you shouldn't say. She talked about what to be aware of when you have LGBT patients on the unit or when you are meeting a patient for the first time. Basically, it's a matter of opening your mind up and allowing them to help you as much as you are helping them. You have to be more culturally aware to treat that person with respect.

For example, when a transgender individual comes into the hospital, where should they be placed on the unit? In terms of policy, the consensus is they should be placed wherever they feel they should be. So you find

• *continued on page 12*



Francis Smith, DO, is now one of the chief residents in the four-year General Adult Psychiatry Residency program.

Healing Arts

• *continued from the cover*

Led by second-year students Theodore Chung and Margaret Butchy, the group has been participating in unofficial activities since early 2016.



“A collective is a group of artists that work together, sharing resources and inspiration to hone their work,” explains Butchy. “The mission of this collective is to study the intersection of the fine arts and medicine. The practices of art and medicine have a shared vocabulary: discovery, discipline, observation and empathy. The study of art helps physicians understand the human condition, as well as improving their creative thinking.

“We want to provide concrete experiences that will illustrate the diverse value of art in the practice of medicine, allowing students to exercise their humanity and integrate it into their role as physicians,” Butchy continues. “We want to facilitate discussions between students that will encourage them to nurture their creative spirits and share their art with each other. We also hope to provide collaborations with physician writers, dance therapists and medical improvisation classes.”

In addition to the art clubs, students and residents have the opportunity to explore the intersection between art and medicine through curricular courses and programs offered by Gelo.

Second- and third-year family medicine residents participate in ARTZ, a national program designed to

help residents “develop a comforting confidence in interacting with people with dementia,” according to Gelo, who coordinates Drexel’s ARTZ program. During the community medicine rotation, residents visit a residential care facility for patients with dementia.

“I want the residents to see that interacting with art makes a difference for these patients,” says Gelo. “When we arrive, the residents observe the patients who, in most cases, are just sitting in their chairs doing nothing. Then the residents begin helping the patients with simple artwork. Suddenly, patients who had nothing to say are trying to talk, making choices, interacting, laughing and sometimes remembering things.”

Residents also visit an art museum with patients who have dementia, looking together at paintings and talking about them. “The residents see that even patients with severe expressive aphasia make an effort to communicate in this setting,” Gelo notes.

“The ARTZ program provided great insight into how to counsel patients with dementia and their families on quality of life issues,” says former resident Alexandra Schieber, MD. “I plan to encourage this type of activity for my patients.”

Gelo also teaches Training the Physician’s Eye, an elective humanities course that demonstrates the integration of art and medicine during student visits to local art museums. “This is an immersive experience in looking

“Involvement with art also helps us become more conscious of how we feel. And knowing what we feel is important in patient care.”

at art and then reflecting on the importance of observation before jumping to interpretation, a lesson with a strong parallel to medicine,” Gelo emphasizes. “Students may see things differently, so they have to deal with different opinions, work as a team, verbalize their findings, and deal with uncertainty and ambiguity, just as they will as physicians.”



Research Shows Mini-Medical School Influences Students' Career Choices

The United States is expected to face an estimated shortage of 124,000 physicians by 2025, according to the Association of American Medical Colleges.* Programs such as the College of Medicine's Mini-Medical School have become an increasingly popular way to encourage high school students to consider careers in medicine, with 70 such programs in existence nationwide. However, little research has been done to assess the long-term effect of these programs on influencing career choice.

A group of Drexel medical students, residents and faculty have conducted a study to determine the motivational factors for attending the Mini-Medical school programs at the College, student satisfaction

orthopedic surgery residents; Margaret Lee, founding program coordinator for the Drexel Mini-Medical School and related programs; David Stein, MD, chair of surgery at Drexel; and Mary K. Mulcahey, MD, associate professor of orthopedic surgery.

A survey was sent to 228 students who graduated from the College's Mini-Med Summer Camp and Discovery Days program from the program's inception in 2006 through the summer of 2013. Fifty-eight students completed the survey, which was sent through an anonymous online program.

According to the study, nearly all participants said that "confirming an interest in medicine" was a primary reason for attending the Mini-Medical School program. Almost all of the College's program graduates felt their experience answered questions about pursuing a medical career and said they would participate in the program again. The survey results also indicated that participation was influenced by the prestige of the College's program and the notion that the students' chances of being accepted into medical school might be enhanced. The researchers believe that this emphasizes another valuable aspect of Mini-Medical School programs: "educating and preparing students for the competitiveness of applying to medical school."

The study's long-term data on student career paths showed that the College's Mini-Medical School programs "successfully produce a large number of students who go on to pursue a medical career," according to the researchers. Overall, 67 percent of the survey participants reported that they were either in medical school or planned to apply to medical school within the next three years. In their paper, the researchers reported that one of the most "compelling findings" was that 97 percent of the students in medical school or planning to apply indicated that the College's Mini-Medical School programs influenced their decision.

"This study demonstrates that the College of Medicine's Mini-Medical School programs serve an important role in nurturing student interest in medicine and may help those students confirm their career choice," the researchers wrote. "Studying programs like these in more detail may allow us to improve upon these programs and promote success in achieving their ultimate goal of creating more future physicians."

* Dill, M.J., and Salsberg, E.S. *The Complexities of Physician Supply and Demand: Projections Through 2025*. Center for Workforce Studies, Association of American Medical Colleges; November 2008.



This 2006 Mini-Med participant, shown ready for the OR, is now in his first year as a surgery resident.

with their experience, and whether the programs are successful at encouraging students to pursue a career in the medical field. The study, "Mini-Medical School Programs' Influence on Students' Desire to Pursue Medicine," is being published in the *Journal of the National Medical Association* (paper available online July 1, 2016). This is the first known research of this nature.

The College's research group included Angela Chang, third-year medical student; Drs. Garrett Cavanaugh and Neil S. Kumar, Drexel/Hahnemann

Burton Named AMA Foundation Minority Scholar

Shakira Burton, Class of 2018, was one of only 20 medical students nationwide to receive the 2016 AMA Foundation Minority Scholars Award. The award honors scholastic achievement and a personal commitment to improving minority health. As a recipient, Burton received a \$10,000 scholarship and was invited to attend the AMA annual meeting in Chicago with travel expenses paid by the AMA Foundation.

During her first year of medical school, Burton chose the Health Career Academy program for her service learning project, which involved meeting with 10th graders from a Philadelphia high school to introduce them to health careers and basic knowledge of health issues. Since then she participated in the Bridging the Gaps interprofessional summer program, working four days a week in a community health organization focused on hepatitis C and HIV testing, and served as a mentor/tutor in the Drexel Mentoring and Pipeline Program for students at Washington Carver High School. She has also been a regular volunteer at the



Amy Fuchs, MD, senior associate dean for student affairs, and third-year student Shakira Burton

student-run Streetside Clinic at Prevention Point Philadelphia. She serves as co-president of Drexel's chapter of the Student National Medical Association, and she was recently elected regional director of Region VIII of SNMA for 2016–2018.

Global Philadelphia

Free health screenings for the Chinatown community were offered by Drexel Family Medicine at the Philadelphia Chinatown Development Corporation Expo on June 18. Annette Gadegbeku, MD, assistant professor in the Department of Family, Community & Preventive Medicine and associate director of the

Drexel/Hahnemann Family Medicine Residency program, fielded a team that included a Mandarin-speaking intern and several medical students, some of whom spoke Cantonese or Mandarin. The Drexel group provided blood pressure, BMI and glucose testing to 96 people.

EM Residents Win SimWars

A team of four residents in the Drexel/Hahnemann Emergency Medicine Residency program won the national



Champs (l-r) Alex Vazzano, Ben Liss, Sara Mistal and Russell Goldstein. Liss and Goldstein were completing their residencies and Mistal and Vazzano were finishing their second year.

SimWars championship at the Society of Academic Emergency Medicine meeting in May in New Orleans. Ben Liss, Russell Goldstein, Sara Mistal, and Alex Vazzano competed on stage against six other talented EM Residency teams, including reigning champion Northwestern, to earn the title.

One of the creators of SimWars, Steven A. (Andy) Godwin, MD, chair of emergency medicine at the University of Florida College of Medicine–Jacksonville, says the Drexel/Hahnemann team's management of the simulated mass casualty incident was the best-run MCI simulation he has ever seen. That's a testament to their hard work and the quality of training at our clinical sites and in the Simulation Lab. Kudos as well to the coaches: Drs. Srikala Ponnuru (then interim program director for the EM Residency), associate professor and simulation fellowship director; Jessica Parsons, assistant professor and associate director, EM Residency, and student in Drexel's MS in Medical and Healthcare Simulation program; and Sharon Griswold, professor and director of the latter program.

The team will continue to compete as returning champions at the American College of Emergency Physicians conference in Las Vegas in October.

Philly Girls Play Chess

More than 120 girls from kindergarten through high school competed in the annual Philly Girls Play Chess tournament, hosted by the College of Medicine's Institute for Women's Health and Leadership for the eighth year. Held on June 7 on Drexel's University City Campus, the tournament is divided into sections based on age and also separates newer girls from more advanced players.

Philly Girls Play Chess is part of After School Activities Partnerships, or ASAP, which provides free after-school programs for city students through grants from private donors and foundations. All together 2,500 girls and boys play chess through ASAP. The goal of the "Philly Girls" initiative is to involve girls in playing, and learning the lessons of, what is traditionally a male-dominated game. At the award ceremony, top finishers and teams receive trophies, medals and a copy of Jennifer Shahade's book *Play Like a Girl!* ASAP also bestows the annual title of "Female Player of the Year" on that school year's most involved female player.



We Play on the Winning Sports Medicine Team

The U.S. men's U19 national lacrosse team came from behind to win the 2016 U19 World Championship July 16, defeating Team Canada 13-12. Behind the lacrosse team, of course, was a crack sports medicine team, led by Drs. Eugene Hong, chair of Family, Community & Preventive Medicine and chief of the Division of Sports Medicine, and Paul Kerner, an orthopedic surgeon in North Carolina who completed his residency at MCP/Hahnemann. Incidentally, Team Canada included undergraduate Marshal King, a rising sophomore from British Columbia who plays lacrosse for Drexel.

Free Health Sciences Library Resources

The Drexel University Libraries has a brand new library guide that showcases free health sciences resources. Designed with alumni in mind, the guide brings together on one web page all the electronic resources that support health sciences research and inquiry: libguides.library.drexel.edu/alumni_healthsciences.

The guide provides links to scholarly databases and resources,

such as PubMed, the Agency for Healthcare Research and Quality, free health sciences journals, electronic texts, drug information, and national and global health statistics. The Health Sciences Resource guide also lists consumer health resources, patient education information, and tutorials for Endnote Online and Zotero to organize the citations you've collected.

The Libraries participates in Loansome Doc, a PubMed service that provides articles through partnering libraries. This paid service is available to affiliated users, such as alumni, as well as to those who do not have a university affiliation. The usual charge is \$20 per article (\$40 for for-profit companies). For more information visit library.drexel.edu/loansome-doc.



Student Wins AOA Research Fellowship

Beth Ashinsky, Class of 2019, has received a 2016 Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship for her project “Engineering Nanofibrous Disc-Like Angle-Ply Structures for Intervertebral Disc Replacement.” Her mentor is Robert L. Mauck, PhD, the director of the McKay Orthopaedic Research Laboratory at the Perelman School of Medicine at the University of Pennsylvania. The award provides research support, which may be used during the summer or during the school year, as well as reimbursement for travel expenses to present the project at a national or international meeting.



Second-year student Beth Ashinsky and AOA Chapter Councilor Kathleen Ryan, MD

Annual Golf Classic Raises More Than \$260,000 for Medical School Scholarships

With the temperature in the upper 80s and a beautiful blue sky above, more than 100 golfers hit the links for the 15th annual Manuel Stamatakis Golf Classic, held by the College of Medicine on July 12 at the Philadelphia Cricket Club in Flourtown.

This year’s event raised more than \$260,000 for scholarship funds for nine medical students with proven academic ability and financial need. With that, the amount of scholarship money raised since the event began in 2001 now totals more than \$3.5 million.

This year’s fundraiser also saw the return of the Manuel Stamatakis Matching Gift Challenge for Scholarships in Medicine. Qualifying donations are matched dollar for dollar, doubling the scholarship amount for each medical student.

After a day of golf, attendees enjoyed a dinner to honor the scholarship recipients.

Manny Stamatakis, founding chair of the College of Medicine, welcomes six of the scholars (l-r): Jake Fridman, Allison Goldberg, Kelly Vitale, Nicholas Guido, Yetunde Kemi Fatade and Yehuda Kerbel. Not pictured are Gregory Gabrellas, Matilde Hoffman and Samuel Rackley.



Asia-Pacific Cardiovascular Intervention Symposium

Four faculty members — Drs. Howard Eisen, Shelley Hankins and Gary Ledley from the Division of Cardiology, and Wade Fischer from the Department of Cardiothoracic Surgery — visited South Korea in June for the 2016 Asia-Pacific Cardiovascular Intervention Symposium. The Drexel group and a group of Korean faculty co-hosted a joint session, Management of End-stage Heart Failure. The Drexel faculty made presentations, and Ledley served as moderator. Fischer moderated case discussions at a later event. Ledley also presented a research poster that took second place at the symposium. The Division of Cardiology has a longstanding relationship with Korean cardiologists,

holding monthly satellite conferences and teaching exchanges with Sejong General Hospital.



Drs. Gary Ledley (third from left), Howard Eisen and Shelley Hankins (both center), and Wade Fischer (third from right) with the key faculty at Sejong Cardiovascular Center

Anesthesiology Adopts a Classroom

Michael Green, DO, had an idea about education in the city. The chair and program director of Anesthesiology & Perioperative Medicine believes that to foster real growth, instruction has to exceed the typical subject matter. "It must include exposure to peoples from different backgrounds and foster a sense of a community beyond North Philadelphia, one that nurtures development and achievement," Green says.

His department members feel a deep sense of commitment to the community. "We see the products of the environment that these children grow up in every day," he explains. "It occurred to us that we might be able to make a difference for some of these kids just by engaging them and mentoring them."

Green pitched the School District of Philadelphia on the "adopt a classroom" concept, and in January his department started an enrichment program at John F. Hartranft Elementary School. Administrators at the school selected a group of 5th- and 6th-graders to participate. Guest speakers from among the anesthesiology faculty, staff and residents met with the students each Monday through the end of the school year.

The adults agree that the importance of the program lies not in the content but in the exposure to a group of physician-educators, many of whom came from backgrounds not entirely dissimilar from those of the students. The ultimate goal of the program is to acquaint the students with alternative paths they may choose in life and make them aware, while they are still at an impressionable age, that there are real ways to achieve their objectives. "To the extent that we improve the future of even one child, we all benefit," Green says.

One presentation focused on what someone might expect if they have to come to the hospital. Associate

Professor Paul Langevin, MD, demonstrated how physicians use some of the monitors that are attached to patients, which can be frightening to children and adolescents, and also shared his educational road to becoming a physician. Another speaker, Vincent Odenigbo, MD, clinical associate professor, described his upbringing in a Nigerian tribe and the transition from that life to being a physician in Philadelphia. A session on heart disease included stethoscopes for the students to try, an artificial heart to touch, and a former transplant patient who told the children never to smoke.

At the end of the year, the children were invited to Hahnemann University Hospital for a day of learning. As the photo documents, the program gets an A+ if achievement is measured in smiles. Notes Green, "It costs nothing, except a little time."



Hartranft students visited Hahnemann with (far left) Michael Green, DO, and (far right) Jason Lytle, school principal, and (seated at right) Bohdan Minczak, MD, PhD, Drexel Emergency Medicine.

Plastic Surgeon/Sculptor: Morani Exhibit at NCB

The Hahnemann Library is the home of a new permanent exhibit from The Drexel Collection, which displays pieces donated by Alma Dea Morani, MD, WMC '31. Morani donated several works of art, her own sculptures and pieces by her father, as well as artifacts from her travels abroad because she believed that students who have "active participation with the world of art become stronger, more humane physicians." Morani was the first female surgical resident at Woman's

Medical College of Pennsylvania and the first woman to be admitted to the American Society of Plastic and Reconstructive Surgeons (now the American Society of Plastic Surgeons).

Located outside the library on the second floor of New College Building, the exhibit explores the link between art and medicine and the overlap of the process of analysis in both fields. Studies have demonstrated the benefit of using the visual analysis of

art as a training tool for diagnostics, as a way for medical students to practice the skills of visual observation and communication outside the pressures of health care. Where and when: New College Building, 245 N. 15th Street; library.drexel.edu/hours



Teaching How We Teach

College of Medicine faculty members shared their tools and approaches to teaching ethics and professionalism with colleagues at the fourth annual conference of the Academy for Professionalism in Health Care, held April 28–30 in Philadelphia.

Dennis Novack, MD, professor of medicine and associate dean for medical education, led a pre-course, The Ethics OSCE: A Valuable Tool in Professionalism Education, with medical education faculty Pamela Duke, MD, and Steven Rosenzweig, MD, during the morning before the conference began.

The College of Medicine has employed Ethics OSCE* stations, using standardized patients, for third-year medical students since 1996. The experience is situated after the completion of a 22-hour bioethics course in the second year, and during clerkships, when students are integrating and applying their previous classroom learning. It’s an ungraded exercise that incorporates self-assessment and small group inquiry. The standardized patient cases include the topics of physician-assisted death; goals of care conversations; confidentiality; patient autonomy and medical student dilemmas; domestic violence; and informed consent.

For their peers at the conference, Novack and team created an experiential course: the participants completed a circuit of OSCE stations as active learners or observers

and then met for debriefing. The presenters shared their experiences and perspectives, including approaches to group debriefing, case generation, standardized patient calibration, and the use of WebOSCE technology for students at remote sites.

Faculty members were also involved in the following:

- The Art of Self-Reflection: Welcoming the Creative Arts into Professionalism Small Groups, an oral presentation by Steven Rosenzweig, MD, and third-year medical students Marina Moskalenko and Jennifer Lane
- The Ubiquitous Smart Phone and Professionalism, a workshop presented by Laura Vearrier, MD, assistant clinical professor, Department of Emergency Medicine (see article, page 13)
- Teaching Ethics and Professionalism in a Third-Year Surgery Clerkship — An Eight Year Experience Using the “Tilted Conference Room” Approach, a workshop presented by Michael Weingarten, MD, MBA, FACS, and Janet Fleetwood, PhD
- The Art of the Debrief in Professionalism Education: Making the Most of Reflective Narratives and Trigger Videos in Small and Large Group Settings, presented by Pamela Duke, MD; Dennis Novack, MD; Steven Rosenzweig, MD; and a Jefferson colleague.
- Changing the Culture of Medical Education in Philadelphia Area Schools, a panel discussion for which Rosenzweig was a panelist

* objective structured clinical exercise

Rising Stars: The Class of 2018

The College of Medicine held its annual Preclinical Awards Ceremony on June 28, honoring the Class of 2018 before they move into the clinical years. Awards are given to the students for academic accomplishments, professionalism and service during their first two years.

Allison Gutierrez received the U.S. Public Health Service 2016 Excellence in Public Health Award. She founded the Drexel University College of Medicine Mothers and Baby Dragons program to promote healthy pregnancies through one-on-one partnerships between low-income pregnant women and Drexel medical student companions. She has also volunteered regularly at the student-run health outreach clinics.

Left: Dexter Graves and Marie Hartman, director, Career Development Center

Right: Capt. JoAnn Hittie of the U.S. Public Health Service and Allison Gutierrez

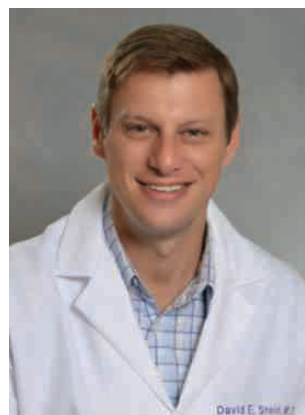


Dr. Stein Named Chair of Surgery

David E. Stein, MD, was appointed chair of the Department of Surgery at Drexel University College of Medicine effective July 1, 2016.

Stein is an associate professor and chief of the Division of Colorectal Surgery, which he formed in 2003, when he joined the College. He is also the chief operating officer of the Drexel University Physicians faculty group practice and associate dean for clinical operations at the College.

As chair of the department, Stein oversees a team of surgeons and researchers who play a critical role in the medical education and training of students and residents. Stein himself has a strong interest in curriculum development and teaching, not only in clinical and patient education, but also in interprofessional education and health care education in the lay community. He was responsible for bringing the Mini-Medical School concept to Drexel and developed several successful offshoots, including Mini-Med Summer Camp for high school juniors and seniors.



In addition to his roles at Drexel, Stein is a member of the Hahnemann University Hospital board of governors and is the immediate past president of the hospital's medical staff. He has served on numerous professional committees both at the College and at Hahnemann. He is the surgeon champion for the American College of Surgeons National Surgical Quality Improvement Program and a member of the National

Medical Student Surgical Curriculum Committee and the Simulation Committee of the Association for Surgical Education.

Over the years, Stein has consistently been named among America's Top Doctors for cancer by Castle Connolly and as one of *Philadelphia* magazine's Top Doctors for colorectal surgery. He was the Crohn's and Colitis Foundation Physician of the Year in 2011, and has been included in Super Doctors for his specialty since 2013.

He has nearly 100 presentations and publications to his credit, including 15 book chapters, and is currently a reviewer for *Diseases of the Colon and Rectum*, *American Journal of Surgery*, *Surgery for Obesity and Related Diseases*, and *Graduate Medicine*. He is a board member and the director of education for the Susan Cohan Colon Cancer Foundation and a member of the medical advisory committee of the Crohn's and Colitis Foundation Philadelphia/Delaware Valley Region.

Stein received his medical degree from the College of Medicine of SUNY Downstate Medical Center, Health Sciences Center at Brooklyn. He completed his internship and residency in general surgery at Jefferson Medical College and his fellowship in colorectal surgery at the Cleveland Clinic Foundation.

Compliance & Privacy

Physician Payments Sunshine Act

The Medicare Open Payments program requires health care manufacturing companies and group purchasing organizations to report payments made to clinicians, as required by the Affordable Care Act. The objective of the program, known as the Physician Payments Sunshine Act, is to provide transparency for



Edward Longazel
Chief Compliance & Privacy Officer

pharmaceutical and device manufacturer payments. The program provides an appeal period for clinicians to dispute the information when they consider it to be in error. Individual 2013 to 2014 data is now easily searchable online, including the dollar amount and reason for each

payment (travel, meals, speaking, consulting, gifts). Visit openpaymentsdata.cms.gov/.

JAMA Internal Medicine published an original investigation online on June 20, 2016, noting that pharmaceutical industry-sponsored meals were associated with an increased rate of prescribing brand-name medications that were being promoted. In a study of payments associated with four drugs, 95 percent of the payments were meals, with a mean value of less than \$20; additional meals and meals costing more than \$20 were associated with higher relative prescribing rates. The findings represent an association, not a cause-and-effect relationship.

On June 29, 2016, ProPublica published a new analysis, based on 2013 to 2014 Medicare Open Payment program data, showing that where a hospital is located (North vs. South) and who owns it (nonprofit vs. for-profit) make a big difference in what percentage of its doctors take industry payments: Northern and nonprofit were both associated with lower percentages. ProPublica provides a search engine that presents the data for each hospital (projects.propublica.org/graphics/d4d-hospital-lookup).

When you are considering accepting meals, gifts or other items of value offered by industry, please consult Drexel policies *CPO-1 Code of Conduct* and *CPO-1.01 CoM Business Relationships with Industry* (drexel.edu/cpo/policies). These policies outline expectations for clinician conduct, including when and how to seek approval of the Department Chair.

We never guess ... we ask! Call anytime to ask a compliance or privacy question or to request compliance or privacy training: 267.359.5598 (new number).

Confidential compliance hotline: 866.936.1010 or visit www.drexel.edu/medicine/ComplianceHotline/.

Destination Excellence

• continued from page 3

out how they see themselves. You introduce yourself: My name is Francis Smith, I go by *he*, *his* and *him* pronouns. Then you ask the patient to introduce themselves. You will see how they view themselves and express themselves, and that will also show the patient that you are aware and open to helping them the best that you can. It's the easiest way to open that door and find out how they see themselves and how they want others to see them.

First-Person Perspective

Paula Neira, MSN, JD, RN, a nurse educator at Johns Hopkins, gave us a first-person perspective on what it is like to serve in the military as a man when you don't

“... ask the patient to introduce themselves. You will see how they view themselves and express themselves, and that will also show the patient that you are aware and open to helping them the best that you can.”

identify as a man. Paul Neira graduated from the Naval Academy in 1985. During his time in the Navy, he wanted to transition from male to female, and he decided he needed to exit the military, although the Navy was really his calling. This was even before the “Don't Ask, Don't Tell” policy was instituted.

Later, Neira helped lead the effort to defeat Don't Ask, Don't Tell (repealed in 2010), so that gay and lesbian individuals could serve. However, that policy had nothing to do with transgender people, so that was still an issue until June 30 of this year, when the Pentagon lifted the ban on military service by transgender Americans.

It was eye-opening to hear from someone who has gone through the fight, who has lived with and witnessed these gender-identity issues. It's very different from reading about it or hearing about it from a faculty member.

Resources in the City

The director of LGBT Affairs in the Office of the Mayor, Nellie Fitzpatrick, was part of a panel of experts who discussed LGBT Health Care, Public Health and Public Policy. Fitzpatrick was instrumental in creating Google apps to find out where transgender bathrooms are in the city.

Among other topics from the news, the panel discussed transgender individuals being able to use the bathroom of their choice. That's not a problem in Philadelphia, and won't be, officials assured us, but

in other parts of the country it's an issue. Fitzpatrick also mentioned a new rule, issued under the nondiscrimination protections of the Affordable Care Act, that transgender people cannot be denied health care by professionals that receive federal funding, and that it is discriminatory to refuse them access to transition-related services. All insurance companies have to be compliant this year.

Another panelist was Deja Lynn Alvarez, program director of the Divine Light LGBTQ Wellness Center, a shelter for LGBTQ individuals who are homeless. People in transition or questioning, especially young people, who are going through this at a very turbulent time in life, often find their families aren't on board or even open to the idea. Sometimes they become homeless, so knowing that there are places where they can go to be safe and have in-house shelter is very important.

By the same token, if a psychiatry resident is called for a consult in the hospital and the patient is a transgender or questioning youth, just giving them a safe place to talk is helpful. It's vital to have as complete a picture as possible in order to figure out how best to help them. Providing that empathetic environment and acceptance, the space to open

up and allow them to share what's going on with their life, is the best thing you can do to help the patient. Showing that you respect them and want to help them can, in and of itself, be very therapeutic. Sometimes you might be the first person who has ever given them the chance to express themselves. So having that start from the door is very important.

One of the things I find interesting is that gender identity disorder was introduced into the Diagnostic and Statistical Manual of Mental Disorders more than 30 years ago (the term was changed to “gender dysphoria” in the DSM-5 in 2013), yet the American Psychiatric Association has never taken a stance on specific treatment guidelines. A couple of years ago, the APA put together a task force to see if there was enough evidence-based medicine within the databases and literature to support formal guidelines, and the consensus was yes, the association should move forward.

Among the task force recommendations was that mental health and medical professionals have symposiums together and invite experts to educate them on the issues and current standards, *while* guidelines are being developed. So to have a day, as we did, where we can get together, learn about and discuss the issues, and talk about creating what is essentially a standard of care, was both enlightening and important.

— Francis Smith, DO
Psychiatry Resident

Mind Your Manners: Smartphones and Professionalism

Physician usage of smartphones for professional purposes increased from 68 percent in 2012 to 85 percent in 2015, according to Laura Vearrier, MD, clinical assistant professor in the College's Department of Emergency Medicine, who recently conducted a workshop, "The Ubiquitous SmartPhone and Professionalism." Most medical students and residents use smartphones in patient care settings as well. Yet little training has been done on how to use them professionally.



Distracted doctoring is similar to distracted driving. The rapid changing of attention between tasks interrupts your cognitive process.

"In a 2014 survey of medical students, only 9 percent reported that they had received feedback on how to conduct themselves professionally when using mobile technology in a clinical setting," says Vearrier, noting that physicians also need training in professional etiquette.

To be sure, smartphones offer many benefits in the clinical setting. They keep providers up to date with evolving medical knowledge and guidelines. Medical students can access their textbooks on their phones. Applications such as medication interaction calculators enhance physical examinations, and phone cameras allow consults to take place between providers in different locations. Overall, smartphones can contribute to better communication between physicians, which can

lead to greater efficiency and accuracy in providing patient care.

But there is a downside as well. "One of the biggest downsides is that the personal devices can create a physical barrier between the provider and the patient," says Vearrier. "When patients see doctors using smartphones, they automatically think the doctor is on social media or texting for personal use rather than using clinical applications. However, most physicians and nurses use their personal devices for professional purposes, according to a 2012 survey.

"Patient perceptions are very important so it's vital to be transparent with patients about why you are using your phone," emphasizes Vearrier. "For example, share with patients that you are using an application to look up their medications to see if there are any interactions. Show them the app on your phone so they can understand the process."

Another downside is that phones are distractions. In addition to getting texts about patients, providers are also getting personal texts and calls and may be distracted by the many apps on their phones. This has led to the idea of "distracted doctoring," says Vearrier.

"Distracted doctoring is a lot like distracted driving in that there are tasks that become automated — things you do every day in your career — and you are at risk for engaging in secondary activities," she explains. "That's why everyone thinks they can text and drive, and despite education and statistics about the dangers of distracted driving, people still do it. Distracted doctoring is similar. It involves multitasking, which isn't so much performing two tasks at once, it's the rapid changing of attention between tasks. All these constant distractions interrupt your cognitive process and slow you down, as well as increase the risk of error."

Doctors, residents and medical students need to learn how to do their own triage of information that is constantly coming at them, according to Vearrier. They also need to learn how to properly integrate technology into patient care and into the physician-patient relationship so that the patient perception of mobile technology improves in the patient care setting.

One of the greatest clinical benefits of the smartphone — the camera — can also be a challenge. If a provider takes photos of a patient during a physical exam and shares them with consultants, the patient's privacy must be maintained at all times. "Providers need to be aware of where their photos are being stored and who has access to them to protect patient privacy," emphasizes Vearrier.

"Training is needed for everyone — physicians, medical students and residents," Vearrier says. "Smartphones give us huge potential to improve accuracy and streamline communication about our patients, but we have to be sure we're using them in the most professional way possible."



Dr. Bouchard

Michael J. Bouchard, PhD, associate professor, Department of Biochemistry & Molecular Biology; **Joshua Chang Mell, PhD**, assistant professor, Department of Microbiology & Immunology; and alumnus **Jason Lamontagne, PhD '15** (first author), published "Transcriptome-Wide Analysis of Hepatitis B Virus-Mediated Changes to Normal Hepatocyte Gene Expression" in *PLoS Pathogens* 12(2): e1005438, February 18.



Dr. Brady

Luther W. Brady, MD, a faculty member in the Department of Radiation Oncology, has been inducted as an "extraordinary international academic member of the Spanish Royal Academy of Medicine."

Drs. Will Dampier, research assistant professor; **Michael R. Nonnemacher**, assistant professor; **Joshua Mell**, assistant professor; **Joshua P. Earl**, research instructor; **Garth D. Ehrlich**, professor; **Vanessa Pirrone**, assistant professor; **Benjamas Aiamkitsumrit**, former student; and



Dr. Dampier



Dr. Nonnemacher

Wen Zhong; Katherine Kercher, MS; Shendra Passic, MS, research instructor; **Jean W. Williams**, research technician; and **Brian Wigdahl, PhD**, professor and chair, all in the Department of Microbiology & Immunology, are authors of "HIV-1 Genetic Variation Resulting in the Development of New Quasispecies Continues



Dr. Pirrone



Dr. Wigdahl

to Be Encountered in the Peripheral Blood of Well-Suppressed Patients" published May 19 in *PLoS ONE* 11(5): e0155382.



Dr. Earl

Joshua P. Earl, PhD, research instructor, and **Fen Z. Hu, PhD**, adjunct professor, both in the Department of Microbiology & Immunology; and **Garth D. Ehrlich, PhD** (corresponding author), professor of Microbiology & Immunology and Otolaryngology-Head and Neck Surgery are

authors of a major paper on bacterial genomics and evolution, "Comparative Genomic Analyses of the *Moraxella catarrhalis* Serosensitive and Seroresistant Lineages Demonstrates Their Independent Evolution," published in *Genome Biology and Evolution* 8(4), April 2016.



Dr. Ehrlich

Garth D. Ehrlich, PhD, professor in the Departments of Microbiology & Immunology and Otolaryngology-Head & Neck Surgery, served on the program committee for the ILADS [International Lyme and Associated Diseases Society] 6th European Conference, held in Helsinki June 9-10,

where he gave a plenary session talk, "Mechanisms of Bacterial Persistence: Is There Evidence That *Borrelia* Species Can Induce Chronic Infections?" Earlier in June, he presented "Bacterial Plurality: A New Rubric for Understanding Chronic Bacterial Infections" in grand rounds at the Staten Island University Hospital, Staten Island, N.Y.

Ehrlich was a member of the NIH ZRG1 IDM-R (02) Special Study Section on Bacterial Pathogenesis and Host Interactions, March 25; served on the United Kingdom's MRC Experimental Medicine Challenge Grant Review Committee and the European Society of Clinical Microbiology and Infectious Diseases Review Committee; and is currently a reviewer for the American Association for the Advancement of Science annual meeting symposia. He was recently appointed to the scientific advisory board of bioMérieux's BioFire.



Dr. Ferrer



Dr. Katsetos

Christina Ferrer, PhD '16, Molecular and Cell Biology and Genetics; **Tong Lu, MS '16**, Cancer Biology; **Zachary Bacigalupa**, doctoral candidate, MCBG program; **Christos**

Katsetos, MD, PhD, professor in the Departments of Pediatrics and Pathology & Laboratory Medicine, and colleagues are the authors of "O-GlcNAcylation Regulates Breast Cancer Metastasis via SIRT1 Modulation of FOXM1 Pathway" published in *Oncogene* (published online June 2016). Ferrer performed thesis work in the laboratory of **Mauricio J. Reginato, PhD**, professor in the Department of Biochemistry & Molecular Biology.



Dr. Harhay

Meera Nair Harhay, MD, MSCE, an assistant professor of medicine in the Division of Nephrology & Hypertension, and colleagues published "Measures of Global Health Status on Dialysis Signal Early Rehospitalization Risk After Kidney Transplantation" in *PLoS ONE*

11(6), June 3, 2016.



Dr. Hasni

S. Farhan Hasni, MD, a faculty member in the Department of Medicine, Division of Cardiology, was invited to Philadelphia College of Pharmacy, University of the Sciences, to address Doctor of Pharmacy students enrolled in a course on the pharmacist's role in promoting cardiovascular health. He talked about the challenge for patients of medication management; the importance of teamwork in the health care setting; and the valuable input of pharmacists in identifying potentially harmful drug interactions and drug-induced allergic reactions.



Dr. Hu

Amanda Hu, MD, an assistant professor in the Department of Otolaryngology–Head & Neck Surgery, received Drexel University’s Harold M. Myers Award for Outstanding Service. Hu was honored for her community service at the Chinatown Clinic.



Mr. Huang



Mr. Tkatch

Pablo Huang, doctoral candidate in biomedical engineering, and **Colin Tkatch**, first-year medical student, both working in the lab of **J. Yasha Kresh, PhD**, professor of cardiothoracic surgery and medicine, presented a talk, “Biologically-Inspired Spiral Laminar-Flow Generation and Its Role in Cardiovascular Implantable Devices,” at the 36th annual meeting of the International Society for Heart and Lung Transplantation, held April 27–30, in Washington, D.C. Huang received the Dean’s Travel Award from the Graduate School of Biomedical Sciences and Professional Studies to attend the meeting.



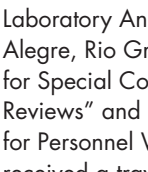
Dr. Kresh

Richard B. Huneke, DVM, MPH, professor, Department of Microbiology & Immunology, and executive director, ULAR, spoke at the 14th Congress of the Brazilian Laboratory Animal Science Association held in conjunction with the annual meeting of the Latin American Laboratory Animal Science Association May 4–6, in Porto Alegre, Rio Grande do Sul, Brazil. He presented “Topics for Special Consideration for Ethics Committee (IACUC) Reviews” and “Occupational Health and Safety Programs for Personnel Working with Research Animals.” Huneke received a travel award from the Drexel Office of International Programs to attend the meetings.



Dr. Huneke

Benjamin A. Janto, PhD, assistant professor, Department of Microbiology & Immunology; **Joshua Chang Mell, PhD**, assistant professor, Microbiology & Immunology; and **Garth D. Ehrlich, PhD**, professor in the Departments of Microbiology & Immunology and Otolaryngology–Head & Neck Surgery, are among the authors of “Identification and Characterization of *msf**, a Novel Virulence Factor in *Haemophilus influenzae*” published in *PLoS One* 11(3): e0149891, March 15, 2016.



Dr. Janto

Danielle Kulich, MLAS, research assistant, Department of Neurobiology & Anatomy, presented a poster, “Exercise Training for Animals With Spinal Cord Injury,” at the annual American Association for Laboratory Animal Science TriBranch meeting held June 6–8 in Atlantic City.



Dr. Janto

Danielle Kulich, MLAS, research assistant, Department of Neurobiology & Anatomy, presented a poster, “Exercise Training for Animals With Spinal Cord Injury,” at the annual American Association for Laboratory Animal Science TriBranch meeting held June 6–8 in Atlantic City.

Danielle Kulich, MLAS, research assistant, Department of Neurobiology & Anatomy, presented a poster, “Exercise Training for Animals With Spinal Cord Injury,” at the annual American Association for Laboratory Animal Science TriBranch meeting held June 6–8 in Atlantic City.

**Macrophage survival factor*



Dr. Mell



Dr. Nandi

Joshua Chang Mell, PhD, assistant professor, Department of Microbiology & Immunology; **Neilanjan Nandi, MD**, assistant professor of medicine, Division of Gastroenterology

& Hepatology; and Drexel colleagues Stephen Woloszynek, doctoral candidate, College of Engineering (first author); Steven Pastor, doctoral candidate, School of Biomedical Engineering, Science & Health Systems; and Gail L. Rosen, PhD, associate professor, College of Engineering, are authors of “Engineering Human Microbiota: Influencing Cellular and Community Dynamics for Therapeutic Applications” in *International Review of Cell and Molecular Biology* 324: 67–124, published March 29 [published online March 9].



Mr. Molina



Dr. Detloff

Daniel Quiros Molina, MLAS, research assistant, presented a poster, “Delivery of Pharmacological Agents Into Rat Dorsal Root Ganglion,” at the annual American Association for



Dr. Houle

Laboratory Animal Science TriBranch meeting held June 6–8 in Atlantic City. The other authors were **Megan Ryan Detloff, PhD**, instructor, and **John D. Houle, PhD**, professor, Neurobiology & Anatomy.



Dr. Pelleg

Amir Pelleg, PhD, an adjunct professor of medicine in the Division of Cardiology, presented an invited talk, “Cardiovascular Physiology and Pharmacology of ATP,” at *Cardiostim 2016: World Congress in Cardiac Electrophysiology & Cardiac Techniques*, which took place in Nice, France, June 8–11.



Dr. Poggio

Juan Lucas Poggio, MD, MS, associate professor of surgery, is the recipient, together with a colleague in Israel, of a 2016/17 Louis and Bessie Stein Family Fellowship for Exchanges With Israeli Universities. Their project is “Biophysical Patterns and Clinical Aspects of Colon Tumor Mitochondrial Membranes.” The award carries with it a \$20,000 fellowship and the title “Stein Fellow.” Poggio’s collaborator is at the Ilse Katz Institute for Nanotechnology, Ben Gurion University of the Negev.

SPREAD THE WORD

Let people know what you’re doing: Send news of grants, honors, presentations and publications to pulse@drexelmed.edu. Please include full names and departments of any Drexel collaborators.

'50s

Hector A. Feliciano, MD, HU '53, writes, "I am the last living graduate of Hahnemann Medical College of Philadelphia in Puerto Rico. Still practicing two days — one day seeing private patients at a group of my trainees in family medicine, and one day teaching [problem-based learning] at Universidad Central del Caribe Medical School. Just celebrated my 70th wedding anniversary with my wife, who worked at the Strawbridge & Clothier store on Market Street while I was a medical student. I am director at the largest private nonprofit foundation in Puerto Rico, founder of the Puerto Rico Academy of Family Medicine and past president of the American Heart Association Puerto Rico Chapter. Still a member of AOA Honor Society—Zeta [now Delta Zeta] Chapter. Hope to practice a few more years; I am only 90. Thanks to Hahnemann for its excellent education and for instilling in me to be an eternal student of medicine."



**Julia Krout,
MLAS '09**

MLAS Alumni Stand Out

Alumni of the Master of Laboratory Animal Science program are a force when they gather with their peers at the annual American Association for Laboratory Animal Science TriBranch meeting. The conference, which includes the Delaware Valley, New Jersey and New York branches, was held this year June 6–8 in Atlantic City. **Julia Krout, MLAS '09**, who works at New York University, was elected TriBranch chair for 2017. She presented a poster at the meeting.

Other MLAS alumni presenters were **Khary Adams, '05**, of Incyte Corporation (two posters); **James Brennan, '16**, of Bristol-Myers Squibb, who made a platform presentation and was a poster author; **Kristina Carter, '14**, of Mount Sinai, New York City (poster); **Penny Devlin, '06**, of Penn State University at Hershey (poster); **Danielle Kulich, '14**, and **Daniel Quiros Molina, '14**, who work at Drexel College of Medicine (posters); and **Melissa Semenas, '15**, of GlaxoSmithKline (platform presentation).

Kelly Patterson, '15, of Montclair State University, and **Stephany Silva, '12**, of the University of Pennsylvania, were presenters of the Mini Leadership Academy Workshop.

June Greenspan-Margolis, MD, WMC '59, in private practice of adult, child and adolescent psychiatry and psychoanalysis in Jenkintown, Pa., has been named clinical professor of psychiatry at the Perelman School of Medicine at the University of Pennsylvania.

'60s

S. Thomas Westerman, MD, HU '60, retired ear, nose and throat physician and former clinical professor of otolaryngology at the College of Medicine, was inducted into Red Bank [N.J.] Regional High School's Distinguished Alumni Hall of Fame.

'70s

Norman Kreisman, PhD, MCP '71, professor and vice chair, Department of Physiology, Tulane University School of Medicine, celebrated 45 years on Tulane's faculty. He directed the Human Physiology Course for the past 20 years and won the University's top teaching awards, including the Chancellor's Teaching Scholar Award and the President's Award for Excellence in Graduate and Professional Teaching. He will be honored in October for co-founding Tulane's Interdisciplinary Program in Neuroscience, at the ceremony celebrating its 30th anniversary.

Lynn DeLisi, MD, MCP '72, served as a co-editor for the March 2016 issue of the journal *Current Opinion in Psychiatry*. DeLisi is an attending psychiatrist in the VA Boston Healthcare System and a professor of psychiatry at Harvard University's Medical School.

Anthony J. Ricketti, MD, HU '78, a pulmonologist and allergy specialist, has been named a 2016 Top Doctor in Trenton, N.J.

Thomas J. Zaydon Jr., MD, HU '78, was elected to the board of trustees of the Southeastern Society of Plastic and Reconstructive Surgeons. He is the immediate past president of the Florida Society of Plastic Surgeons, and serves on the board of trustees of that organization as well. He has been named program director of the educational program at the Florida Plastic Surgery Forum to be held in December under the auspices of the Florida Society of Plastic Surgeons and the American Society for Aesthetic Plastic Surgery.

S. Bruce Greenberg, MD, HU '79, has been inducted as a fellow in the American College of Radiology. He is a professor of radiology and pediatrics at the University of Arkansas for Medical Sciences, in Little Rock.

Ihor S. Sawczuk, MD, MCP '79, formerly executive vice president and chief medical officer of Hackensack University Medical Center, began his new role as president of the organization.

'80s

Christine Petti, MD, MCP '81, was voted Best Cosmetic Surgeon in the South Bay region of Los Angeles in the *Easy*

Reader News contest. Her day spa, Spa Bella, was named Best Medical Spa.

Paul H. Deutsch, MD, MCP '82; RPh, was recognized as one of *Connecticut Magazine's* Top Docs of 2016. He is an internal medicine physician with a private practice in Norwich, Conn.

Larry McLean, PhD, Biochemistry, MCP '82, a life sciences instructor at Ivy Tech Community College of Indiana, Lawrenceburg, received the Gerald I. Lamkin Award for Excellence in Instruction.

Clifford Hudis, MD, MCP '83, chief of the Breast Medicine Service at Memorial Sloan Kettering Cancer Center, where he also serves as vice president for Government Relations and chief advocacy officer, has been named the next CEO of the American Society of Clinical Oncology. Hudis is also a professor of medicine at Weill Cornell Medical College.

Rosemary Leeming, MD, HU '83, was named the new chief medical officer of Geisinger Medical Center in Danville, Pa. She is the first woman to serve in the physician leadership role in Geisinger's 100-year history.

Raul Perez, MD, HU '84, has returned to Visalia Medical Clinic in Visalia, Calif., as a family practice physician. He rejoined Visalia from Greenley Primary Care in Sonora. He was previously with Visalia for 19 years.

Michael I. Rothman, MD, HU '84, a radiologist in private practice in Bethlehem, Pa., was inducted as a fellow in the American College of Radiology.

Meena S. Desai, MD, MCP '86, an anesthesiologist and managing partner for Nova Anesthesia Professionals in Villanova, Pa., has been elected chair of the Accreditation Association for Ambulatory Health Care.

Rosaleen B. Parsons, MD, MCP '86, Fox Chase Cancer Center's chair of diagnostic imaging, was elected a fellow of the Society of Abdominal Radiology.

Joseph Raduazzo, MD, HU '86, a primary care physician with Beth Israel Deaconess HealthCare—Pastor Medical Group in Brookline, Mass., received the health system's annual Golden Stethoscope Award.

Reginald Blaber III, MD, HU '89; Cardiology Fellow, MCPHU '98, executive director of the Lourdes Cardiovascular Institute and vice president of cardiac services at Lourdes Health System, was named to the New Jersey Cardiovascular Health Advisory Panel. He practices in Cherry Hill, N.J.

Janice Faye Wiesman, MD, HU '89, is the author of *Peripheral Neuropathy: What It Is and What You Can Do to Feel Better* (Johns Hopkins Press, October 2016). She is an associate clinical professor of neurology at New York University School of Medicine and an adjunct assistant professor of neurology at Boston University School of Medicine.

Calendar

August

National Immunization Awareness Month

1–5 **Year 1 Orientation**

5 **White Coat Ceremony**
Philadelphia Hilton City Avenue
Information: caitlin.kaltenbach@drexelmed.edu

September

World Alzheimer's Month

5 **Labor Day**

October

National Breast Cancer Awareness Month

20 **Discovery Day: New venue!**
Medical students, graduate students, residents, fellows and postdoctoral trainees present their research: more than 300 posters and platform presentations on biomedical and clinical topics
Pennsylvania Convention Center
Contact: Alyssa Abrohms, alyssa.abrohms@drexelmed.edu

November

American Diabetes Month

3 **Careers Beyond the Bench**
A professional and career development symposium presented by the Graduate School of Biomedical Sciences and Professional Studies
Contact: Denise Cotter, denise.cotter@drexelmed.edu

13 **Drexel Neuroscience Alumni Reception**
Morton's The Steakhouse, San Diego

24 **Thanksgiving**

Save the Dates in 2017

May 18-20 **Alumni Weekend**
Calling all classes ending in 2 or 7 and our Grand Classes who graduated more than 50 years ago!

May 19 **Commencement**

Alumni: For additional information about alumni events, please call 215.762.2371, email medical_alumni@drexel.edu, or visit drexel.edu/medicine/alumni/events or [alumni/reunions](http://drexel.edu/alumni/reunions).

'90s

Clark D. Gerhart, MD, HU '90, of the Commonwealth Health bariatric program presented a weight loss surgery seminar in May in Mountain Top, Pa.

James C. Robinson, MD, MCP '90, neurosurgeon and founder of the Atlanta-based practice Brain Expert, wrote an article on brain tumor awareness month.

Lauren Simon, MD, HU '90, was named the California Academy of Family Physicians 2016 Hero of Family Medicine for her work in the San Bernardino area.

Robert Hennon, MD, MCP '91, joined Mary Black Physicians Group—Cherokee Surgical Associates in Gaffney, S.C., as a surgeon.

Annette Lee, MD, HU '91, joined Abington Reproductive Medicine as partner and medical director of the in vitro fertilization program at Abington Jefferson Health's Toll Center for Reproductive Science in Abington, Pa.

Ari D. Brooks, MD, HU '92, director of endocrine and oncology surgery and the Integrated Breast Center at Pennsylvania Hospital, joined the expert panel on a live

video chat on skin cancer hosted by Penn Medicine and Virtua Cancer Center.

Har Chi Lau, MD, MCP '92, was recognized as a 2016 Top Doctor in the Sleepy Hollow, N.Y., area. Dr. Lau is a general surgeon at Hudson Valley Surgical Group and affiliated with Phelps Memorial Hospital Center and Saint John's Riverside Hospital.

Thomas Nguyen, MD, HU '92, joined Kettering Physician Network Primary Care at Sycamore Family Medicine in Miamisburg, Ohio.

Thomas N. Bottoni, MD, HU '93, has recently been awarded the "Outstanding Teacher of the Year" award by the graduating Emergency Medicine Residency class at the Naval Medical Center in Portsmouth, Va. It is the sixth time he has received this award since he joined the teaching staff in 2008.

Amy Crawford-Faucher, MD, MCP '94, a family medicine physician, became the residency director at Forbes Family Medicine Residency program, part of the Allegheny Health Network in Pittsburgh. She also serves on the board of directors of the Family Medicine Education Consortium.

Erik Happ, MD, HU '97, has been appointed director of neuro-ophthalmology and neuro-ophthalmic trauma at Allegheny General Hospital in Pittsburgh.

Anurag Agarwal, MD, MCPHU '99, a facial plastic surgeon based in Naples, Fla., was recognized on Castle Connolly's Top Doctors in Florida list.

Jeffrey L. Williams, MD, MCPHU '99; FHRS, joined Lakeland Regional Health's Heart Center as co-director of the Heart Rhythm Center, serving as both an electrophysiologist and cardiologist, in Lakeland, Fla.

'00s

Raj Khanna, DMD; MD, MCPHU '00, will head the new Department of Dentistry, Oral and Maxillofacial Surgery at the Joan C. Edwards School of Medicine at Marshall University in West Virginia. He has served as division chief of oral and maxillofacial surgery under the Department of Surgery since 2002.

Tara Randis, MD, MCPHU '00, assistant professor of pediatrics at New York University School of Medicine, served as co-editor of the April 2016 issue of *Current Opinion in Pediatrics*.

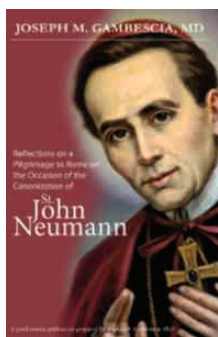
Tony Reed, MD, MCPHU, '00; MBA, joined Temple University Hospital as associate chief medical officer.

Melanie Skrocki Crane, MD, MCPHU '01, an internist at the Riverside Medical Clinic in Riverside, Calif., was appointed president of the Riverside County Medical Association.

Posthumous Reflections on a Saint

In the early 1960s, the Vatican asked two physicians to examine the body of Blessed John Neumann, a step on the path to canonization. One of those physicians was Joseph M. Gambescia, MD, HU '44, a devout Roman Catholic who was a professor at Hahnemann. Later, Gambescia examined the body again at the request of the director of the National Shrine of Blessed John Neumann and reviewed the medical records of several people to help validate any medical miracles.

Gambescia, who died in 1991, went to the Vatican in 1977 to hear John Neumann declared a saint by the Pope. On that journey, he wrote *Reflections on a Pilgrimage to Rome on the Occasion of the Canonization of St. John Neumann*. Stephen F. Gambescia, PhD, MEd, a professor in Drexel's College of Nursing & Health Professions, came across the manuscript for *Reflections* in his father's archives, added photographs and had it published (CreateSpace Independent Publishing Platform, 2016, Amazon).



Kenny Mai, MD, MCPHU '01, joined Saint Agnes Medical Providers in Fresno, Calif., as an orthopedic surgeon.

Pamela R. Lacy, MD, MCPHU '02, medical director of obstetrics at Baptist Memorial Hospital–Golden Triangle in Columbus, Miss., has joined the local advisory board of Cadence Bank.

Wendi Wohltmann, MD '03, a board certified dermatologist and dermatopathologist in the US Air Force, is the program director of the San Antonio Uniformed Services Health Education Consortium Dermatology Residency Program.

Sarah M. Kane, MD '05, an obstetrician-gynecologist with Norton Healthcare in Louisville, Ky., delivered the commencement address at Smethport [Pa.] Area Junior-Senior High School, her alma mater. Before moving to Louisville, Kane was an assistant professor of obstetrics and gynecology at Case Western Reserve University.

Ngoc Minh Le, MD '05, a pediatric neurologist, has joined the clinical team of Courtagen Life Sciences in Woburn, Mass., as a medical consultant. He was previously co-director of the Neurogenetics/Neurometabolic Clinic and the Ion Channel Epilepsy (Dravet Syndrome) Clinic at Miami Children's Hospital.

Jared Shipley, MD '05, joined the Oregon Clinic, in Portland, as a physician specializing in pulmonary medicine.

Erik Sylvain, MD '06, was named chief of the Section of Thoracic Surgery at Lehigh Valley Health Network and is part of LVPG Cardiac and Thoracic Surgery group. Sylvain performs both cardiac and thoracic procedures but focuses on robotic thoracic surgery. He is board-certified in both general and thoracic surgery.

Farah "Bobby" Awadalla, MD '08, a dermatologist, has launched a drinkable vitamin supplement called UVO, said to be formulated to protect and repair the skin from sun damage. He practices at Coast Dermatology & Laser Surgery Center in Laguna Beach, Calif.

Laura Napier, MD '08, was named interim chair and medical director of the Emergency Department at Mercy Hospital & Medical Center in Chicago. She is also the quality director at the hospital.

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 215.762.2371 or emailing medical.alumni@drexel.edu. This will ensure that you receive alumni publications, invitations and other important news.

Julia Krout, MLAS '09, presented "Gnotobiotics: What Is the Fuss?" at the Microbiome and Mice 2016: Advancing Microbiome Research Symposium in New York City on April 26. Also see MLAS, page 16.

Jessica Lee Tenney, MD '09, received the 2016 PerkinElmer Diagnostics Travel Award from the American College of Medical Genetics and Genomics (ACMG) Foundation at its Annual Clinical Genetics Meeting. Tenney is a clinical instructor for the UCLA David Geffen School of Medicine and is also a research fellow for the International Skeletal Dysplasia Registry at UCLA.

'10s

Jason R. Woloski, MD '14, chief family medicine resident at Penn State Health Milton S. Hershey Medical Center, has received the American Academy of Family Physicians Award for Excellence in Graduate Medical Education. Of the 3,500 eligible family medicine residents across the country, only 12 were selected for this designation. Woloski also was recently elected to the Pennsylvania Academy of Family Physicians board of directors.

Jason Lamontagne, PhD '15, see Bouchard, page 14.

Kristen Camille Stabingas, MD '15, an intern at Allegheny General Hospital, Pittsburgh, delivered the commencement address at Schuylkill Haven Area High School, her alma mater.

Jacqueline Watson, MLAS '16, research specialist, Department of Avian Medicine & Pathology at the University of Pennsylvania School of Veterinary Medicine, won the student competition for her poster presentation, "Evaluation of the Effectiveness of Three Non-Confrontational Handling Techniques on the Behavior of Horses During a Simulated Mildly Aversive Veterinary Procedure" at the 12th Annual International Society for Equitation Science conference in Saumur, France.

Former Residents and Fellows

Thomas Connolly, MD; Orthopaedic Surgery Residency, HU '89, joined Geisinger Bloomsburg Hospital, Bloomsburg, Pa., as an orthopedic surgeon.

In Memoriam

Alumni

Jonathan Greco, MD, HU '84, May 26
Elisabeth Louisa Macrae, MD, WMC '68, May 29
Beth A. Schubert, MD, MCP '91, June 3
M. Virginia Tuggle, MD, WMC '49, May 28



DREXEL UNIVERSITY

College of

Medicine

Suite 11484, 1601 Cherry Street
Philadelphia, PA 19102

drexel.edu/medicine

Non-profit Org.

U.S. Postage

PAID

Philadelphia, PA
Permit # 5600

NEW VENUE

SAVE THE DATE:

DISCOVERY DAY

THURSDAY, OCTOBER 20, 2016

WE'VE GROWN INTO THE BIGTIME! This year, with more than 500 attendees expected, the College of Medicine's annual day of research will be held at the Pennsylvania Convention Center in Center City.

Medical students, graduate students, residents, fellows and postdoctoral trainees will present their research for judging. The day will feature more than 300 posters on diverse biomedical and clinical topics and several platform presentations.

Mark your calendars! Questions? Email alyssa.abrohms@drexelmed.edu.