



Drexel Sports Medicine: A Fresh Look at Women

Female athletes tend to experience more frequent ACL (anterior cruciate ligament) injuries and concussions than their male counterparts, but participation in injury prevention programs can help women to avoid these and other injuries, according to Thomas Trojjan, MD, and Ellen Casey, MD, physicians who recently joined Drexel Sports Medicine.

"The most frequent injuries we see in active females are runner's knee, ankle sprains and stress fractures in the lower limbs," says Casey, who has particular expertise in the female athlete.

Casey notes that some women have anatomical features that can increase risk of injury, such as loose joints and leg alignment, but these can be overcome through an injury prevention exercise program.

"Strengthening the hips and core muscles is key, including the abdominal wall, diaphragm, muscles in the back and pelvic floor," she emphasizes. "These muscles function together to provide a stable base for the arms and legs to work from. When there is poor strength, endurance or coordination of those muscles, injuries are more likely to occur."

"When we increase muscle strength and coordination, we increase performance," says Trojjan, who is the lead physician for Drexel Athletics and a former NIH Women's Health Scholar. "And by reducing injuries, we reduce the risk of these young athletes developing problems down the

road. Research shows that one-third to one-half of female athletes who tear their ACL develop osteoarthritis 15 years later," he says.

Casey notes the importance of the female athlete triad, defined as the relationship between nutrition, a healthy menstrual cycle and bone health. "Each of those entities can exist along a continuum from optimal health to severe dysfunction such as anorexia, amenorrhea and osteoporosis. The triad is something that every female athlete should be aware of because a caloric deficit can increase an athlete's risk of stress fracture, poor performance, infertility and post-menopausal fractures," she says.

Some female athletes could be under-eating inadvertently; for example, soccer players who don't understand that they need to add 300 to 400 calories per day during the



Drs. Thomas Trojjan and Ellen Casey make injury prevention a special focus.

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Resources to foster
community and
personal growth



New faculty receive
a warm welcome
from colleagues



Discovery 2014
celebrates research
and bestows awards

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pulse

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Welcome Dr. Weber!

It is exciting to have our educational team complete and moving forward under the energizing leadership of Dr. Valerie Weber. From the moment she was told of her selection as the next vice dean for educational affairs, Dr. Weber became



Daniel V. Schidlow, MD

engaged with the team that was providing interim leadership for the educational enterprise. Well before she started at Queen Lane, Dr. Weber was discussing operational and strategic issues with me and the transition team, so when she arrived on October 1, it did not feel to us like her first day, it felt like the continuation of a relationship that had already started. From the beginning, she has shown herself to be a highly perceptive person. Her thoughtfulness and judicious approach to issues and to people is reflected in her steady and apparently unflappable

disposition. She has very quickly grasped the concerns of the College and has already established an excellent working relationship with her team as well as others in the school — even though, at this writing, she has only been here a month.

The task in front of Dr. Weber is significant. On the one hand, she and her team need to address the immediate issues raised by the last LCME accreditation survey, which pointed out the need for changes in one of our two pre-clinical tracks, Interdisciplinary Foundations of Medicine. On the other hand, she is becoming the steward of a broader curricular change that will probably take the better part of the next three to five years to implement and consolidate. Our medical school will be a leader in creative activity in medical education, leveraging the tools and expertise of a national research University to enhance the curriculum, develop new approaches to knowledge delivery, and prepare our students for the changing health care environment. I have full confidence that Dr. Weber will succeed.

Dr. Weber brings to this job not only her experience as a clinician and a physician leader, but also the unique perspective of having been in on the ground floor of a completely new medical school — The Commonwealth Medical College. As part of the senior leadership team, she led the development of the school's curriculum (including an innovative longitudinal clerkship), as well as attending to myriad other matters associated with a nascent medical school in a relatively challenging environment. Dr. Weber was instrumental in TCMC's achieving accreditation, and her experience there will be of great help to her in implementing the changes that need to be carried out here at DUCoM.



Dr. Weber came to us through a national search that involved many good candidates. The committee saw in her all the qualities and characteristics of an intelligent physician/educational leader with more than the requisite experience, but beyond that, she has a gift for working with people. I hope you have a chance to welcome her.

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

Resources for Diversity and Inclusion

One of the foundations of Drexel's success is the diversity of its students, faculty and professional staff. Many of the resources developed to strengthen that diversity offer individuals the opportunity to foster personal growth and build community.

Drexel supports the creation of **Colleague Resource Groups**, or workplace affinity groups, as some organizations call them. Each Colleague Resource Group consists of 10 or more employees who work together to promote awareness and understanding of issues important to traditionally underrepresented groups. Membership is open to all faculty and professional staff. The University's Colleague Resource Groups are the LGBTQA+ Professional Staff and Faculty Network; the Black Faculty and Professional Staff Association; Bienvenidos, for Latino, Latin American and other employees sharing Bienvenidos' interests; and our newest group, Women's Finance. The mission of Women's Finance is to provide a safe space for women to share their financial knowledge, research topics of interest, set financial goals, and become financially well informed. Each Colleague Resource Group offers at least one program annually for underrepresented students. For more information, please visit drexel.edu/diversity/groups/overview/Employees/CRG.

The **Employee Ambassador Program** is designed to promote a welcoming and inclusive work environment at Drexel. The Office of Equality & Diversity sends welcome letters to our new employees and facilitates connections between a new employee and a Drexel Employee Ambassador. The program is informal — the ambassador and the new employee generally meet for coffee or perhaps just make contact by email or over the phone. The feedback from new employees has been very positive. The program is seeking more employees at all three of Drexel's Philadelphia campuses to volunteer as ambassadors. To volunteer, please visit drexel.edu/diversity/groups/overview/Employees/EAP.

The **Book Circle** attracts faculty, professional staff and students who come together to discuss topics that are important to understanding the dynamics of diversity and inclusion. The Book Circle meets four times a year from noon to 1:30 over a light lunch. Meetings are held on both the Center City and University City Campuses. A limited number of

complimentary copies of the selected book are available a month before each meeting. The most recent book to be discussed was *The Immortal Life of Henrietta Lacks* by Rebecca Skloot. To see all the 2014-15 titles, visit drexel.edu/diversity/center/bookCircle.

A wealth of useful information can be found in the **WIRED for Success Guide**, a well-organized handbook of cross-cultural best practices for our welcoming, inclusive, respectful, engaging and diverse (WIRED) community. A PDF is available at drexel.edu/diversity.

These benchmark qualities of our community are also reflected in **WIRED Training**, diversity and inclusion training offered by the Office of Equality & Diversity. For information, visit drexel.edu/oed/training/wired.

At Drexel, we look for both internal and external resources to share and help to implement a strong, diverse and inclusive organization. If you have information to share, or if you would like more information about Colleague Resource Groups, the Employee Ambassador Program, or the Book Circle at the Intercultural Center, please contact me at 215.571.3839 or mcgrevious@drexel.edu.

— Millie Carvalho-Grevious, PhD
Diversity and Inclusion Coordinator
Office of Equality & Diversity



Millie Carvalho-Grevious, PhD

Women's Care Center Offers Insurance Enrollment Help

The Drexel Medicine Women's Care Center is providing on-site services to assist patients in enrolling in health insurance, thanks to the extension of a grant from the National Family Planning and Reproductive Health Association.

The center was initially selected as a "Get Covered: Family Planning" grantee in January 2014 and awarded a one-year grant that allowed the staff to integrate Affordable Care Act education and enrollment services into its clinical sites. The grant has now been extended to allow the center to provide on-site services during the ACA open enrollment period that runs through February 15, 2015.

All of the center's staff, from phone operators to clinical providers, has been educated about the ACA and



Sandra Wolf, MD

enrollment. In addition, there are two full-time staff members who are Certified Application Counselors and can help individuals apply for medical insurance and public assistance, and determine eligibility for tax credits and other cost reductions.

The Women's Care Center specializes in gynecologic care, family planning care and obstetrics for women with limited or no health insurance. It serves as a one-stop shop for patients with multiple health care needs.

"We are much more than a clinic," says Executive Director Sandra Wolf, MD, who is also an associate professor in the Department of Obstetrics & Gynecology. "We have approximately 20,000 patient visits a year, all from an underserved, urban population that is very diverse, ranging from refugees just starting their assimilation into our culture to the working poor of Philadelphia. We have a large number of safety net programs and projects." Visit drexelmed.edu/wcc or call 215.762.7824.

Sports Medicine for Women

• *continued from the cover*

season to maintain a good energy balance. They may begin skipping periods, which can lead to decreased bone density and put them at risk for stress fracture.

"It's important to educate female athletes about this, using multiple providers," Casey stresses. "Often the interdisciplinary team includes the coach, a sports dietician, a physician and a sports psychologist or psychiatrist if there is a true eating disorder." Currently, Casey and Trojian are collaborating with other Drexel physicians and specialists to build a Female Athlete Program that aligns all the appropriate providers so the female athlete can make a seamless transition from one to the other as needed.

Casey and Trojian have both been principal investigators of research studies focused on the role of hormones in ACL injuries. "In work at Northwestern," Casey says, "we found that around the day of ovulation just after the estrogen level is highest, response in the quadriceps muscles decreases by two- to four-fold. This is the first time anyone has demonstrated a change in the knee reflex (a basic unit of neuromuscular control) over the menstrual cycle." She and Trojian are designing future studies to further investigate how hormones might affect athletic function and injury risk.

"Some studies suggest that some ACL injuries tend to cluster around that same time period in the menstrual cycle where we saw that decrease in activity," Casey explains. "It's a first step in understanding the role of sex hormones in contributing to the risk of ACL injuries. Ultimately, I hope to find a way to intervene and protect women from being as susceptible to these injuries."

Another significant concern is concussions, which are more common in female athletes. "We're not certain why — whether it's gender, strength or playing difference," says

Trojian, who served as the sports medicine adviser to the Connecticut Interscholastic Athletic Conference. "In soccer, women now have the highest rate of concussions. Most of these concussions occur because of one player colliding with another, not from heading the ball. But why does this happen more in women? Is neck strength an issue or playing style? Having watched a lot of female teams play, I have seen that they seem to be more willing to jump and dive and collide with other players to get the ball. I believe it is because they are more aggressive, not weaker."

In any case, it's important that female athletes take enough time to recover from concussions before returning to play. Research has shown that if you don't allow complete healing and recovery to take place before suffering another concussion, permanent nerve damage will take place. "Nerve cells take longer to heal in adolescents than in college students because the brain continues to develop into college age," explains Trojian.

Trojian is working to encourage more coaches to use injury prevention programs with their female athletes. He is currently involved in a study to develop a 10-minute injury prevention program. "We surveyed sports team coaches and found that 80 percent of them were willing to do a 10-minute program before starting practice, but only 20 percent were willing to do 20 minutes," he explains. "We whittled the exercises down to the essential 10 minutes, and those mobility and muscle control activities really helped to reduce injury."

Diversifying exercise is another way to improve performance and health. "We recommend that female runners take days off from long runs and do lower-body resistance or weight training instead," says Casey. "Do speed or sprint drills some days and longer runs on others. This limits the risk of overuse injuries and improves your cardiovascular fitness at the same time."



Megan Detloff, PhD, and Shaoping Hou, PhD, Neurobiology & Anatomy



Drs. Owen Montgomery (back), chair, and (l-r) Danielle Cullen, Luisa Galdi and Damien Croft, Obstetrics & Gynecology



Drs. Andres Castellanos, chief, Bariatric & Minimally Invasive Surgery, and Daniel V. Schidlow, Annenberg Dean



Drs. David Schonfeld, chair, and Nick Kuzma, Pediatrics

New Faculty Welcomed by Colleagues

The College of Medicine's new faculty members were officially introduced at a reception on October 23 at the top of Loews Hotel. After Dean Daniel V. Schidlow, MD, welcomed the guests, Valerie Weber, MD, the new vice dean for educational affairs, was recognized. Then Mary Moran, MD, vice dean for faculty affairs and professional development, called on the chairs to introduce the new members of their departments, which they did with evident pride.



Soumya Chakravarty, MD, PhD, and Carolyn O'Connor, MD, chief, Rheumatology



Drs. Laura Wangenstein, Family Medicine, and Iva Hacker-Delany and Erin Sabolick, Emergency Medicine



Benjamin Janto, PhD; Joshua Earl, MS; and Joshua Mell, PhD, Microbiology & Immunology



Drs. James Reynolds, chair, Medicine, and Maneesh Jain, Hematology/Oncology



Drs. Mary Moran, Faculty Affairs, and Joseph Ortiz and Myron Yanoff, chair, Ophthalmology



Drs. Joshua Wert, Sankalp Sehgal and Michael Green, chair, Anesthesiology & Perioperative Medicine

2014 Simulation Center Grant Awards

As a significant element of its research mission, the Independence Blue Cross Medical Education Simulation Center at the College of Medicine funds research activities designed to yield important and influential findings on the impact of medical education simulation training on health outcomes and patient safety. The principal investigator must be a full-time College of Medicine faculty member, but collaborative projects involving faculty from the other colleges and schools are strongly encouraged. A scientific review panel comprising faculty from across the University evaluated grant applications to the center, and three were selected for funding:

Ultrasound-Based 3D Deformable Simulation of the Human Breast

PI: Lydia Komarnicky-Kocher, MD, Radiation Oncology
Co-Investigators: M. Liebman, PhD, Pharmacology & Physiology
E. Gualtieri, PhD, Applied Informatics, College of Computing & Informatics

Wearable Soft Electronic Sensing for Palpation

PI: D. Scott Lind, MD, Surgery
Co-Investigator: Y.J. Visell, PhD, Electrical & Computer Engineering, College of Engineering

The Virtual Human Heart

PI: Arnold J. Smolen, PhD, Neurobiology & Anatomy and Office of Educational Affairs
Co-Investigators: D. Mauriello, Animation and VFX, Westphal College
J. Fernsler, Animation and VFX, Westphal College

TraumaMan Dedicated to Memory of Dr. Perlman

Drexel University College of Medicine recently paid tribute to the memory of longtime faculty member Morton H. Perlman, MD, with the dedication of the Department of Surgery's TraumaMan® in Perlman's honor. TraumaMan is a lifelike simulation manikin, approved for advanced trauma life support courses, that permits medical residents to practice trauma resuscitations and procedures such as chest tube insertion or laparotomy. The simulator's tissue mimics human tissue.

Perlman served as a professor in the Department of Surgery for more than 30 years and received numerous accolades throughout his career, including the Lindback Award for Distinguished Teaching. He passed away on September 25, 2013.

Pictured from left to right are Perlman's daughter Nancy



E. Perlman, MD, HU '98; his wife, Esther Perlman; D. Scott Lind, MD, chairman of the Department of Surgery; and Perlman's son Daniel M. Perlman. Perlman is also survived by another son, Jonathan R. Perlman, and daughter, Judith Rifkin, and 11 grandchildren.

Call for Nominations of Candidates for AOA Election

Attention all AOA Alumni and Faculty Members of Drexel University College of Medicine, Hahnemann and MCP Delta Zeta Chapter: The Delta Zeta Chapter of Alpha Omega Alpha is requesting nominations of candidates for AOA election. Following are the categories of candidates who will be considered.

Alumni: After 10 years or more following graduation, alumni who have distinguished themselves in their professional careers and are judged on the basis of achievement to be qualified, may be elected to membership. No more than five alumni members per year may be elected.



Faculty: A chapter may elect to membership up to five faculty members each year from the faculty of the College of Medicine who have distinguished themselves in their

professional careers and are judged on the basis of achievement to be qualified. Such faculty members must hold an earned doctoral degree.

Residents and fellows: The chapter may elect to membership up to six graduate trainees after their first year of training, based on continued achievement and promise.

Nominations must be submitted online at surveymonkey.com/s/AOAnominationN6X5DJK. This includes a brief description of the nominee's achievements and emailing a copy of his or her curriculum vitae. The deadline for submitting nominations is **December 31, 2014**. Late or incomplete nominations, including those without a CV, will not be considered.

For more information about the Delta Zeta Chapter, contact Kathy Ryan, MD, AOA councilor, at kathleen.ryan@drexelmed.edu, or Marie Hartman, director of the Career Development Center, at mhartman@drexelmed.edu.

The First-Ever Dean's Cup

College of Medicine students eager to begin a tradition to celebrate school unity organized the first-ever Dean's Cup this year on September 6. Between their studies, they arranged for food, music and all manner of competitive games to take place at Buckley Field in University City. Medical students, graduate students, faculty, staff and alumni were invited to come out and take part or just cheer on their favorite teams. It was a beautiful day, and so successful that the "first-ever" is now referred to as the "annual" Dean's Cup.



Doctor or Doctress?

The Legacy Center, the repository for the records and heritage of the College and its predecessor institutions, recently launched *Doctor or Doctress?*, a website that explores American history through the stories of women physicians. The project was funded by the Pew Center for Arts & Heritage through the Heritage Philadelphia Program.

Because high school and undergraduate students are increasingly required to use and understand primary sources, the site was developed to provide historic documentation that would be not only available but truly accessible to a young audience. Using the resources in *Doctor or Doctress?*, students learn core American history themes — such as the Age of Reform, the Civil War, the World Wars, the Progressive Era, the Great Depression, and social justice issues — through the lens of 19th- and early 20th-century women physicians.

Approaching broad historical topics through individual women's experiences, students understand and use primary sources to make their own well-informed interpretations of American history — interpretations that include women's perspectives. Another goal is to help build historical thinking and critical analysis skills. Video, audio, timelines, maps,

contextualized presentations of primary source documents, and interpretive metadata provide the guidance that students need to place primary source documents in historical and cultural context.

The story of the American Women's Hospitals in World War I France includes the 1919 photo below. Visit doctordoctress.org.



Careers Beyond the Bench

Close to 300 graduate students and postdocs from around the region descended on Drexel’s Mandell Theater on September 5 to attend Careers Beyond the Bench, a new professional development conference presented by the College of Medicine’s Graduate School of Biomedical



Sciences and Professional Studies. A dozen highly accomplished speakers discussed a diverse array of career options in private industry, the federal government, and foundations and nonprofits.

The keynote speaker, Philip S. Clifford, PhD, associate dean for research in the College of Applied Health Sciences at the University of Illinois at Chicago, talked about the elements of an individual development plan, introducing participants to the website myidp.sciencecareers.org, and discussed the value of strategic networking. The event itself was structured to provide specific opportunities for networking during lunch, when the guest faculty and several Drexel faculty members each hosted a table, and again at the concluding reception.

Next in the professional development series, the Graduate School is planning Success in Academia, a conference that will focus on strengthening the profile of the PhD and postdoc for an academic career, including market trends, landing a faculty position, grant writing and managing a laboratory.

William J. Martin, PhD (left), executive director, Theravance, and Sally Rockey, PhD, deputy director for extramural research, NIH, listen as Rob Ring, PhD, chief scientific officer of Autism Speaks, makes a point. Each made a separate presentation before participating in the interactive panel discussion.

Lifehackers: How to Tie a Bow Tie

If a life hack is a tip or a trick to solve a problem or simplify your life, you’d think the pre-tied bow tie would be a perfect example. But think again: At Drexel University College of Medicine, lifehackers simplify their lives by learning how to do things right. Kyle Brong and Trish Melvin started the group Lifehackers, Melvin explains, “to teach medical students life skills, such as changing a tire, jump-starting a car, self-defense, sewing, cooking ... and tying bow ties.” After noticing some students wearing pre-tied bow ties at various events, Dean Daniel V. Schidlow, MD, mentioned in his blog that he wanted to teach medical students how to tie a bow tie. Melvin took note, and “How to Tie a Bow Tie” was added to the Lifehackers curriculum. Apparently the offering was long overdue — some 30 medical students came to the dean’s seminar. “Unfortunately I couldn’t get my bow tie on in time for the picture,” Brong says. Even the dean acknowledges that sometimes a pre-tied tie can be an acceptable option.



Above: Dean Schidlow, Trish Melvin and Kyle Brong

Corporate Compliance & Privacy Update

The Corporate Compliance & Privacy Office posts its most recent updates on the web at drexel.edu/cpo/update. To request training or report an issue, please call the Corpo-

rate Compliance & Privacy Office at 215.255.7818. An independent confidential hotline is available to report sensitive or confidential issues; call toll-free 866.358.1010.

CTRI Seed Funding Awarded to Diverse Array of Projects

The first rounds of seed funding from the Clinical & Translational Research Institute drew widespread interest. Founding Director James E. Barrett, PhD, and Deputy Director Olympia Meucci, MD, PhD, say they were pleased by the number and scope of the submissions. Each application was evaluated by three independent reviewers from across the University. The first round drew 35 applications; the second, 24. Awards of approximately \$75,000 were made to 15 projects (the PI is listed first):

Seena Ajit, PhD (Pharmacology & Physiology): *Role of X-linked Long Non-coding RNAs in Chronic Pain with Female Predominance.*

Enrique Aradillas-Lopez, MD (Neurology); Seena Ajit, PhD (Pharmacology & Physiology); Guillermo Alexander, PhD (Neurology): *Mechanisms Involved in the Efficacy of Plasma Exchange Therapy for the Treatment of Complex Regional Pain Syndrome.*

Wilbur Bowne, MD (Surgery): *Validating a Novel Drug Delivery Platform for Cancer Therapy Through Human Sample Analysis and In Vivo Studies.*

Paul Campbell, PhD (Pharmacology & Physiology): *Pancreatic Cancer Progression Depends on Interactive Tumor Microenvironment Signaling.*

Jane Fedorczyk, PhD (Physical Therapy, College of Nursing & Health Professions): *Hand Function Augmentation Using the Exo-skin Tendon Actuated Soft Exoskeleton in Patients With Distal Radius and Metacarpal Fractures.*

Terry Heiman-Patterson, MD (Neurology): *Use of fNIR to Detect Cognitive Changes in ALS: Cross Section and Longitudinal Studies.*

Jeffrey Jacobson, MD (Medicine): *Pegylated Liposomes for Antiviral/Virolytic Drug Delivery.*



DREXEL UNIVERSITY

Clinical & Translational
Research Institute

Felix Kim, PhD (Pharmacology & Physiology); Alessandro Graziano, PhD (Pharmacology & Physiology); Terry Heiman-Patterson, MD (Neurology); Paul McGonigle, PhD (Pharmacology & Physiology); Joseph Salvino, PhD (Pharmacology & Physiology): *Targeting Sigma-1 for the Treatment of ALS.*

Agustin Legido, MD, PhD (Pediatrics); James Connell, PhD (AJ Drexel Autism Institute); Michael Goldenthal, PhD (Pediatrics): *Does Clinical Treatment Targeting Mitochondrial Dysfunction Impact ASD?*

Mary Mulcahey, MD (Orthopedic Surgery); Michele Marcolongo, PhD (Materials Science & Engineering): *The Effect of Intra-Articular Knee Injections of Biomimetic Aggrecan in an In Vivo Arthritic Rabbit Model.*

Jennifer Nasser, PhD (Nutrition Sciences, College of Nursing & Health Professions); Hasan Ayaz, PhD (Biomedical Engineering): *fNIRS Assessment of Dorsolateral and Dorsomedial Prefrontal Cortex in Response to Food as a Marker for "Loss of Control."*

Christopher Vinnard, MD (Infectious Diseases, Internal Medicine); Joseph Salvino, PhD (Pharmacology & Physiology); Hans Schlecht, MD (Medicine): *A Novel Method to Detect Rifamycins in Biologic Samples.*

Boris Polyak, PhD (Surgery): *Detection of Colon Cancer by Tumor-Specific Nanoparticles.*

Mark Zarella, PhD (Pathology): *Optical Coherence Tomography of the Periprostatic Urethra to Guide Treatment in Prostate Cancer.*

Institute Presents Marion Spencer Fay Award to Neonatologist

The Institute for Women's Health and Leadership at the College of Medicine presented the 2014 Marion Spencer Fay Award to Phyllis A. Dennery, MD, a professor of pediatrics at the Perelman School of Medicine at the University of Pennsylvania and the chief of the Division of Neonatology and Newborn Services at The Children's Hospital of Philadelphia and the University of Pennsylvania Health System.

Marion Spencer Fay, PhD, was dean and president of Woman's Medical College of Pennsylvania, a predecessor institution of Drexel College of Medicine, from 1946 to 1963. The National Board for Women in Medicine established the award in her name in 1963 and later



transferred administration of the award to the institute.

Dennery was honored on October 21 at Drexel's Bossone Research Enterprise Center, where she delivered the annual Marion Spencer Fay Award lecture and received the award, which includes a \$10,000 honorarium.

In addition to her prominence as an educator and clinician, Dennery is recognized as a pioneering scientist in the area of neonatal oxidative lung disease. She rose through the academic ranks at Stanford University before being recruited to Penn in 2003. Dennery completed the Executive Leadership in Academic Medicine (ELAM[®]) program at Drexel University College of Medicine in 2006.



Dr. Belkoff

Laurence H. Belkoff, DO, clinical assistant professor of surgery, a urologic surgeon, has received the highest award bestowed by the American College of Osteopathic Surgeons: the Orel F. Martin Medal. The award, presented on September 19, recognizes outstanding service in

the areas of surgery, education, leadership and research. Belkoff is a senior partner with Urologic Consultants of Southeastern Pennsylvania.



Dr. Chakravarty

Soumya D. Chakravarty, MD, PhD, assistant professor of medicine, Division of Rheumatology, has been elected to fellowship in the American College of Physicians. Chakravarty joined the faculty in July. His area of interest is inflammatory arthritis — specifically, rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis.



Mr. Clancy

Michael R. Clancy, MBA, director of financial planning, Division of Medical Education, was the speaker at the Association for Women in Science Philadelphia Chapter annual networking meeting held September 23 at Thomas Jefferson University. The topic was

“Finance Fundamentals.” On October 2, Clancy gave a premed finance talk at Villanova University, where the College of Medicine has students in a fast track program.



Dr. Ehrlich

Garth D. Ehrlich, PhD, a professor in the Departments of Microbiology & Immunology and Otolaryngology–Head & Neck Surgery, gave a keynote speech at the Microbiology & Infectious Diseases Asia Congress, Oxford Global, held June 10–11 in Singapore. The title of his address was

“Next Generation Molecular Diagnostics Provide for Comprehensive Pathogen Screening at the Domain Level.” On June 12, he gave a talk, “Chronic Bacterial Infections Are Universally Associated With the Biofilm Phenotype,” at the National University of Singapore/Nanyang Technological University Singapore Centre on Environmental Life Sciences Engineering, a center for the study of biofilms.

In October, Ehrlich delivered a keynote address, “Alzheimer’s Disease: The Oral-Systemic Link Indicating a Dental Pathogen Etiology,” at the TDO Endodontics Meeting, held October 2–4 in San Diego. In addition, Ehrlich served as a member of the Infectious Diseases and Microbiology Integrated Review Group for the National Institutes of Health Clinical Research and Field Studies of Infectious Diseases Study Section, October 15–16. He was also chosen as the Dr. Andrew Bruce and Margaret Bruce Visiting Scholar, Queens University, Kingston, Ontario, Canada, October 20–24, where he delivered a public lecture, “Man vs. Microbe: Are We Winning the War of the Genomes?,” as well as a seminar to the surgical research community titled “What Next Generation Molecular

Diagnostics and Microbiome Studies Are Revealing About Sterile Sites and Sterile Conditions.”

Ehrlich has been asked to serve on the program committee for the 18th International Symposium on Recent Advances in Otitis Media, to be held June 7–12, 2015, in Washington, D.C.

Siamac Esfandi, MD, assistant professor of neurology, has received certification as a Multiple Sclerosis Certified Specialist from the Consortium of Multiple Sclerosis Centers.



Dr. Harris

Erica Harris, MD, instructor of emergency medicine; **Rachel Compton, MSW, LSW**, social worker, Healing Hurt People program, Department of Emergency Medicine; **Richard Baccare, LSW**, community intervention specialist, Healing

Hurt People; **Christine Campbell, RN**, Department of Emergency Medicine; **Nadine Schwartz, MD**, assistant professor of psychiatry; and **Matthew Moront, MD**, assistant professor of pediatrics and



Dr. Moront



Dr. Schwartz

surgery, are authors of “The Psychological Sequelae of Violent Injury in a Pediatric Intervention” in *Journal of Pediatric Surgery* (published online September 11). The other authors were Jonathan Purtle, DrPh, MPH (lead), School of Public Health, and St. Christopher’s Hospital for Children staff members Ashley Morris, Danielle DiBartolo, MSW, LSW, and Karen Vogel.



Dr. Joshi

Suresh G. Joshi, MD, PhD, director of the Center for Surgical Infection and Biofilm, and assistant professor, Department of Microbiology & Immunology, and School of Biomedical Engineering, Science & Health Systems, and Biomedical Engineering colleagues Margaret Wheatley, PhD;

Lorenzo Albala (lead author), master’s student, and Utku Ercan, former graduate student, won a first place at Drexel University Research Day for their poster presentation “Indirect Plasma Sterilization of Ultrasound Contrast Agent.”

Joshi, Ercan (lead author), Frank Ji, PhD, College of Arts & Sciences, and Ari Brooks, MD, former clinical faculty member, presented “NAC Solution Activated by Nonthermal DBD Plasma Is Highly Antimicrobial and Mounts Predominantly Nitrosative Stress in *Escherichia coli*” at the 114th annual conference of the American Society for Microbiology, held May 17–20 in Boston. The same group presented “Cellular Responses in *Escherichia coli* upon Exposure to Non-Thermal DBD Plasma-Treated N-Acetylcysteine (NAC) Solution” at the 5th International Conference on Plasma Medicine, May 18–23 in Nara, Japan.

Joshi, master’s student Jonell Belle and Biomedical Engineering colleagues Michael Neidrauer, PhD (lead), and Kenneth Barbee, PhD, and graduate students Aparna Bhattacharyya, Sarah Julius and Camilla Moorehead won second place for their poster “Controlled Release of Nitric Oxide Through Zeolite Sachets” at the American Wound

Healing Society annual conference, held April 23–27 in Orlando. The group also presented “Antibacterial Effect of a Nitric Oxide Releasing Sachet” at the Surgical Infection Society of North America meeting held April 30–May 3 in Baltimore, Md.

Joshi (co-principal investigator, NIH sub-award); **Christopher Emery, MD** (co-PI), clinical associate professor of pathology; and **Richard Hamilton, MD**, professor and chair, Department of Emergency Medicine; and University colleagues Wei-Heng Shih, PhD (PI), College of Engineering, and Wan Shih, PhD (co-PI), Biomedical Engineering, received a National Institutes of Health STTR Phase I grant for the study “Rapid, Accurate, and Low-Cost Stool *Clostridium difficile* Genetic Test.”



Dr. Kalani

Amir Kalani, MD, PhD, second-year internal medicine resident, won the American College of Gastroenterology GutRunners Award for his abstract “Reduced Healthcare Utilization Achieved by a Multidisciplinary Behavioral Intervention for Adolescents With Irritable Bowel Syndrome (IBS): Four-Year Healthcare Utilization Data Including Diagnostic Imaging Studies, Number and Nature of Healthcare Visits.” The award is given to the best research in gastroenterology that utilizes nutrition and exercise to improve the digestive system. Kalani presented his poster and received the award at the American College of Gastroenterology meeting held October 17–22 in Philadelphia.

Kalani; **Alison Petrie, MD**, second-year family medicine resident; and Malathy Kapali, MD, Tashia Orr and Michael Lawson, MD, at College of Medicine affiliate Kaiser Permanente, Sacramento, published “Chronic Inflammation Predisposing to Cancer Metastasis: Lesson Learned from a Chronically Embedded Foreign Body in a Duodenal Diverticulum” in *Journal of Gastrointestinal Cancer* (published online March 15).



Mr. Kohli

Ajay Kohli, a fourth-year medical student, won the Crowd Favorite Award in the Primary Care Challenge pitch-off at Harvard Medical School on September 16. Kohli was one of six finalists, chosen by crowd-sourced voting, who were flown to Boston to pitch their primary care innovation proposals to a panel of judges. Kohli presented a platform for better monitoring and prevention of congestive heart failure. His grandfather’s death from congestive heart failure inspired him to think differently about the monitoring process.



Dr. Lippa

Carol F. Lippa, MD, professor and interim chair, Department of Neurology, and director, Memory Disorders Program, is the author of “Finding the ‘A’ Team” and “As the Symptoms Progress” in *What If It’s Not Alzheimer’s: A Caregiver’s Guide to Dementia*, 3rd edition (Prometheus Books, October 2014). Also, Lippa was an invited participant in the Governor’s Pennsylvania State Plan for Alzheimer’s Disease Forum, September 24 in Harrisburg.



Dr. Mazin

Alexander Mazin, PhD, professor, Department of Biochemistry & Molecular Biology; Fei Huang, PhD, a former postdoc in the Mazin Lab, now an assistant professor in China; and Mikir Patel, MS ’13, Molecular & Cell Biology & Genetics program, are among the authors of “Transcript-RNA-Templated DNA Recombination and Repair” in *Nature* (published online September 3).



Dr. Novack

Dennis H. Novack, MD, professor of medicine; **Christof Daetwyler, MD**, associate professor, Technology in Medical Education, and **Barbara A. Schindler, MD**, vice dean emerita, Educational and Academic Affairs, and professor of



Dr. Daetwyler



Dr. Schindler

psychiatry and pediatrics, are among the authors of “Efficacy of a Media-Rich, Internet-Based Learning Module Plus Small Group Debriefing on Medical Trainees’ Attitudes and Communication Skills

with Patients with Substance Use Disorders: Results of a Two-Center, Cluster Randomized Controlled Trial” in *Academic Medicine* (published online; in press).



Ms. Rivera

Belinda Rivera, a student in the Online Master of Laboratory Animal Science program, presented “Advanced Principles and Practices of Working in an ABSL3,” a pre-conference course for the 57th Annual Biological Safety Conference, on October 5 in San Diego. She also presented “Principles and Practices of Working in an ABSL3 Facility,” a workshop for the American Association for Animal Laboratory Science 65th National Meeting, on October 20 in San Antonio.

Lolita Robinson, an assistant case manager at the Dorothy Mann Center for Pediatric and Adolescent HIV at St. Christopher’s Hospital for Children, was chosen by the National Association of Case Managers to receive the annual Peer Case Manager Award. The award was presented at a luncheon during the organization’s national meeting in Philadelphia in October.

Gokul Swaminathan, PhD ’14; Daniel Pascual, MS ’14; Germaine Rival, MS ’14; Renzo Perales-Linares, doctoral candidate; **Julio Martin-Garcia, PhD**, associate



Dr. Martin-Garcia



Dr. Navas-Martin

professor; and **Sonia Navas-Martin, PhD**, assistant professor, all in the Department of Microbiology & Immunology, published “Hepatitis C Virus Core Protein Enhances HIV-1 Replication in Human Macrophages Through TLR2, JNK, and MEK1/2-dependent Upregulation of TNF- α and IL-6,” a peer-reviewed research paper, in *FEBS Letters* online August 14.



Dr. Vearrier

David Vearrier, MD, assistant professor of emergency medicine, was invited to address the VI International Seminar of Occupational Health in Mining Operation, held October 23–24 in Lima, Peru. The title of his talk was “Occupational Health of Miners at Altitude.”



Dr. Vibert

Yanick Vibert, DO, assistant professor of pediatrics, has been named the 2014 Roosevelt Award for Services to Humanity Honoree by the March of Dimes Southeast Pennsylvania Division. She is an attending neonatologist at St. Christopher’s Hospital for Children. The award was presented on

November 6 at the March of Dimes Signature Chefs Gala in Philadelphia.



Ms. Vita

Maureen Vita, MA, ATR-BC, LPC, art therapist with Drexel Cancer Care, received the award for Innovative Applications of Art Therapy from the Delaware Valley Art Therapy Association board of directors. The award was presented on

September 20 at the association’s annual conference. At the conference, Vita co-facilitated a workshop on an art therapy intervention, Self-Book®, along with Self-Book’s developer. Vita also just completed a year-long clinical trial of the intervention that studied emotional distress in 60 female cancer patients.



Ms. Vogelsong and her children.

Erin Vogelsong, MS, assistant professor and co-director of the Master of Laboratory Animal Science programs in the Graduate School of Biomedical Sciences and Professional Studies, received the 2014 ACTS [Animal Care Training Services] Training and Education Award from the Delaware Valley

Branch of the American Association for Laboratory Animal Science. The award was presented September 10 at the branch meeting.



Dr. Yanoff

Myron Yanoff, MD, professor and chair, Department of Ophthalmology, is co-lead editor of *Ophthalmology*, 4th edition (Elsevier), which won “Highly Commended” in the surgical specialties category in the 2014 British Medical Association Book Awards.



Ms. Yeakel

Lynn Yeakel, MSM, director of the Institute for Women’s Health and Leadership and founder and co-chair of Vision 2020, has won the 2014 Helena Devereux Women in Leadership Award given by the Main Line Chamber of Commerce and Devereux. The award was presented

September 30. In addition, Yeakel was the keynote luncheon speaker on November 1 at the 41st Annual Leadership Conference of the National Conference of Puerto Rican Women, held in Philadelphia at Le Méridien.

Taylor Honored Twice for Child Advocacy

Daniel Taylor, DO, associate professor of pediatrics, received the Patricia A. Fox Trailblazer Award from Women Against Abuse in recognition of his service and commitment to Philadelphia’s youngest survivors of domestic violence. For the past seven years, Taylor and a team of medical professionals from St. Christopher’s Hospital for Children have provided wellness visits for boys and girls living in Women Against Abuse’s emergency safe haven.

He also received the 2014 Drexel University President’s Award for Civic Engagement. Taylor founded the web-based Children’s Advocacy Project known as Cap4Kids, which has been replicated in 12 communities across the country, and is still the administrator of the Philadelphia site. He was also recognized for his work at St. Christopher’s, his work with the Reach Out & Read program, his youth violence reduction efforts, and his columns in the *Philadelphia Inquirer*.



Pediatrician Daniel Taylor was honored at a Women Against Abuse event October 3 in Love Park.

Discovery 2014

Discovery 2014, held October 2 on the Queen Lane Campus, boasted more than 260 posters and presentations for the day, followed by a dinner and awards ceremony.

Outstanding Senior Graduate Platform Presentation

1st prize: Matthew Jennis
2nd prize: Kristina Shahriari
3rd prize: Lanfranco Leo

Outstanding Senior Graduate Student Poster

1st prize: Anand Rao
2nd prize: Fei Shen
3rd prize: Mariana Gadaleta
Honorable mention: Tim Beck, Neha Solanki-Patel

Outstanding Technician Poster

1st prize: Katherine Kercher
2nd prize: Julien Bouyer
3rd prize: Matthew Stout
Honorable mention: Adam Clemens

Outstanding Clinical Resident/Fellow Case Studies and Community Projects Poster

1st prize: Mitchell Storace
2nd prize: Elnar Rakhshan
3rd prize: Jason Shames

Outstanding Clinical Resident/Fellow Research Poster

1st prize: Martin Miguel Amor
2nd prize: Nishi Patel
3rd prize: Shilpa Chaudhari

Outstanding Medical Student Poster

1st prize: Cory Heal
2nd prize: Ronald Paranal
3rd prize: Daniel Huettner

Outstanding Postdoctoral Fellow Poster

1st prize: Mariana Bernui
2nd prize: Fang Guo
Honorable mention: Devasena Ponnalagu

Outstanding Junior Graduate Student Poster

1st prize (tie): Lindsay Festa, Jennifer Ross
3rd prize: Charles Wang
Honorable mention: R. Vivian Allahyari

Outstanding Undergraduate Poster

1st prize: Mary-Katharine McMullen (Penn)
2nd prize: Swetha Chandrasekar (Drexel)
3rd prize: Shannon Bessonett (Elizabethtown)



Mariana Bernui, PhD (right), was a postdoctoral fellow in the laboratory of Michele Kutzler, PhD, assistant professor of medicine, and microbiology and immunology, and assistant dean for faculty development. Bernui became a member of the College faculty on November 1.



Kirsten Larson, associate professor of microbiology and immunology, congratulates second-year medical student Cory Heal on his first prize.



Lindsay Festa and Jennifer Ross, both doctoral students in the Department of Pharmacology & Physiology, shared the honors for Outstanding Junior Graduate Student Poster.



Matthew Jennis, a PhD candidate in the Molecular and Cell Biology and Genetics program, won first prize for his platform presentation.

Seeing the Big Picture: Diane Delpy, MS '12

Diane Delpy had a graduate school experience many would envy. She says that one of the more difficult aspects of earning her degree was to stop reading class material while she was at work. Delpy, who received her MS in the Clinical Research Organization and Management program, found her assigned readings that interesting. Her fascination extends to all aspects of her field, and her ability to see the big picture, not just in the pharmaceutical industry, is a great asset.

Delpy, who is French, had already attained a master's in bioengineering and industrial biology from the École de Biologie Industrielle in France when she decided to pursue a research career in America. Her goal was to master basic research, progress to pre-clinical, then move to clinical research. She began working for Drexel University College of Medicine in an oncology lab focusing on breast cancer therapies.

As a member of the lab, Delpy attended a breast cancer research meeting in Baltimore where she had the opportunity to meet cancer survivors. This was a revelation. "I got so focused on optimizing the experiment, on mixing reagent B and reagent C and waiting 30 minutes, and incubating overnight — I was so deep into the basic science," she says, "I forgot how, ultimately, you are doing that for people.

"Being an engineer, I'm always looking for ways to improve what I am doing," she explains. "I was thinking what I need is a better understanding of how the drug development process goes. When I started looking into that, I realized clinical research is the best of everything I want to do. You might actually be touching the life of the patient directly, and you're still doing the science."

Around this time, Delpy learned of the online MS in Clinical Research Organization and Management program. While colleagues in the lab encouraged her to pursue her doctorate, Delpy preferred to go "broad" in her knowledge rather than "deep." She wanted to understand all aspects of the drug development process, not one specific area.

"This is exactly what I need," Delpy thought of the degree. "I need someone to teach me the bigger picture."

Excited about the program's content, Delpy admits she had doubts about a degree program that exists completely online. "I have to admit, I was very surprised," she

reflects. "At first I thought, 'Well it's just going to be me and the computer for two years,' but that really wasn't it."

Despite not meeting in person, the students in her program developed a great collegiality. Delpy felt connected with and supported by her instructors as well; she still counts them as a resource. With the community spread across the country, LinkedIn has been a boon.

Delpy continued to work in the Drexel lab as a research assistant while enrolled in the master's program, attaining her degree in 2012. She is now an associate research scientist at Bristol Myers Squibb in Princeton, N.J., with a focus on oncology therapies.



Diane Delpy says her master's program made her a better scientist and a more versatile and valuable employee.

Delpy says the master's in clinical research has made her a better scientist as well as a more valuable employee. First, her education prompted her to design experiments differently. Delpy, who works in pre-clinical research, anticipates questions the clinical team or the FDA may have about a drug candidate once it moves into clinical trials. "Modifying or adding a few more parameters to an existing experiment requires almost no time and resources," she says, "but doing the same thing five years later is costly and lengthy." Delpy credits the master's with giving her "a whole different view of my research — a bigger picture."

Second, she also appreciates gaining the big picture in terms of how versatile she is as an employee. With classes in

epidemiology, pharmaceutical law, innovative R&D, and strategic planning, among other courses, the master's gave her an understanding of multiple phases of drug development: "Science, business, marketing, intellectual property. It covered everything." Delpy feels prepared to work in a range of fields within the industry.

The degree program is also getting international attention thanks to Delpy. Representing France, she attended a 2013 UN conference on women in science. One goal was to get women in developing countries more involved with science. Delpy shared her positive experience with the online degree program, a vehicle that could increase educational access in many countries.

"I don't think I realized before starting the master's how powerful it was going to be for me," she says. "It's a launching pad." She sees it as a potential launching pad for others as well.

'60s

Lionel U. Mailloux, MD, HU '62, a clinical professor of medicine at Hofstra North Shore–LIJ University of Medicine, was invited to present at the American Society of Nephrology annual meeting, held in Philadelphia November 12–15. Part of a special panel dealing with the care of dialysis patients, he spoke on "Treating Hypertension in the ESRD Patient."



A.J. DiMarino Jr., MD, HU '68, chair of the division of gastroenterology and hepatology and director of the Celiac Center at Thomas Jefferson University Hospital in Philadelphia, was ranked among "160 gastroenterologists to know – 2014" by *Becker's Hospital Review*.

'70s

Theodore W. Uroskie, MD, HU '70, a retired obstetrician/gynecologist, was named co-chair of the 22nd annual Cancer Survivors Celebration of the Northeast Regional Cancer Institute, located in Scranton, Pa.

Linda A. Pape, MD, MCP '72; Internal Medicine Resident, MCP '75, received the Minerva Award from the SUNY Potsdam Alumni Association for outstanding professional achievement. A cardiologist, Pape is a professor of medicine and pathology and has conducted clinical research at the University of Massachusetts Medical Center since 1979.

William M. Zurhellen, MD, HU '72, joined Mount Kisco Medical Group in Jefferson Valley, N.Y. Zurhellen is board certified in pediatrics and pediatric advanced life support.

Mary Lou Marsh, MD, MCP '73, anesthesiologist, CEO, CMO and founder of BevMD, a medical beverage company focused on optimizing patients' preoperative experience, was selected as a finalist for the 2014 *San Diego Business Journal* Healthcare Champions award.

Thelma Z. Korpman, MD, HU '74, an anesthesiologist, was ranked among the "2014 Top Doctors" by the *Riverside, Calif., magazine Inland Empire*. Korpman is chair of the California Medical Association Political Action Committee and practices at Kaiser Permanente Fontana Medical Center in Fontana, Calif.

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

Steven J. Barrer, MD, HU '76, stepped down as chief of neurosurgery at Abington Memorial Hospital in May but remains director of the Neurosciences Institute and president of the medical staff. In October he was honored with an endowed award in his name that will be presented annually for excellence in the neurosciences at Abington. His first book, *Exercise Will Hurt You*, a humorous case for moderation, was released this fall (Seven Stories Press).

• continued on next page

Calendar

January

Cervical Cancer Awareness Month

30 **A Day with the Newborn: 18th Annual Symposium**
St. Christopher's Hospital for Children,
7:15 a.m.–4:30 p.m.
Contact: alma.barberena@tenethealth.com

February

American Heart Month

14 **Pediatric AIDS Benefit Concert**
Main Building, University City Campus

March

National Colorectal Cancer Awareness Month

20 **Match Day**

April

Stress Awareness Month

17–19 **Fifth National Forum on Women's Issues in Gastroenterology and Hepatology**
Sonesta Hotel Philadelphia
Contact: Jennifer Sumter, 215.762.2580

May

Arthritis Awareness Month

1–2 **Alumni Weekend**

13–15 **Classes of 1965 – 50 Year Reunion**

15 **Commencement
Golden Dragon Luncheon**

June

Men's Health Month

5 **14th Annual Faculty Development Day**
Queen Lane Campus

18–21 **ENRICH: AACH National Faculty Development Course**
"Meeting at the Crossroads of Communication and Professionalism"
Hosted by Drexel University College of Medicine
Queen Lane Campus
Visit aachonline.org/dnn/Events/ENRICH.aspx

22 **Stamatakis Golf Classic**

Alumni: For reunion information, please call 215.255.7345 or email medical.alumni@drexel.edu or visit drexelmed.edu/alumni/reunions.

Larry Allen Wolk, MD, HU '76; Former Resident, HU, a Philadelphia family practitioner who has spent the past 19 years affiliated with Girard Medical Center, created an iPhone app that lets doctors submit and verify prescriptions electronically without calling them in to a hospital.

Ray Fabius, MD, HU '77, co-founder and president of HealthNEXT, became the sixth recipient of the Global Leadership in Corporate Health Award. Sponsored by the American College of Occupational and Environmental Medicine and the National Business Group on Health, the award was presented at the 28th National Conference on Health, Productivity and Human Capital, held September 16–18 in Dallas.



William H. Ayers Jr., MD, MCP '78, was elected president of the medical staff of Riddle Hospital in Media, Pa. Ayers, a general surgeon, serves as campus chief of the Department of Surgery at Riddle Hospital and is medical director of the Riddle Hospital Comprehensive Breast Center.

Stephen K. Klasko, MD, HU '78, president of Thomas Jefferson University and president and chief executive officer of Thomas Jefferson University Health System, was listed among the "500+ People to Know in Healthcare" by *Becker's Hospital Review*.

'80s

Christine Angela Petti, MD, MCP '81, and her Los Angeles-area medical day spa, Spa Bella, were recently named "Best Cosmetic Surgeon" and "Best Medical Spa" in the Torrance, Calif., *Daily Breeze* Readers Choice Award.

Michael D. Mitchell, MD, MCP '82, medical director of the WCA Hospital Sports Medicine Center in Jamestown, N.Y., completed the requirements for recertification as a sports medicine physician of the American Board of Family Practice and was awarded its Certificate of Added Qualifications in Sports Medicine.

Jeffrey L. Canose, MD, MCP '83, was named senior executive vice president and chief operating officer of Texas Health Resources in Arlington, Texas. Canose joined Texas Health in January 2006 as senior vice president and COO of Texas Health Presbyterian Hospital Dallas.

Wanda D. Filer, MD, HU '83, has been named president-elect of the American Academy of Family Physicians. She has served on the board of the academy for three years. Filer is the founder and president of the Strategic Health Institute in York, Pa., a consulting firm, and practices at Family First Health, a federally qualified health center in York and Adams Counties.



Jonathan P. Hosey, MD, HU '83, received the Joseph C. Donchess Distinguished Service Award from Wyoming Seminary of Kingston, Pa. A neurologist and director of the neurology residency training program at Geisinger Medical Center in Danville, Pa., Hosey has served as an associate and director of the Neurology Department and medical director of the neuroscience service line. He also is a professor in the Neurology Department at Temple University School of Medicine. He and his wife, **Linda M. Famiglio, MD, HU '83**, are founders and directors of Camp Victory, a camp for children with epilepsy, in Millville, Pa.

Jacob Skezas, MD, HU '85, was named to the McKeesport (Pennsylvania) High School Hall of Fame. Skezas is a physician for the Guthrie Medical Group in Ithaca, N.Y., and has been medical director at Kendal at Ithaca, a continuing care retirement community, since 1997.

Richard J. Leidinger, MD, HU '86, has joined the urology team at TAMC, a not-for-profit provider of health care services in northern Maine. Leidinger has practiced in Maine for more than two decades. He is a lieutenant colonel in the National Guard.

Monica Norris, MD, MCP '88, was appointed medical director of Gateway Medical Associates, PC, a physician-owned practice with nine sites in Chester and Delaware counties in Pennsylvania.

Brian Spivack, MD, MCP '88, was ranked among the "2014 Top Doctors" by the *Riverside, Calif.*, magazine *Inland Empire*. Spivack specializes in general surgery and oncologic surgery at Upland Surgeons of Upland, Calif.

'90s

Lauren M. Simon, MD, HU '90, was named May 2014 Family Physician of the Month and received the 2014 Barbara Harris Award for Educational Excellence from the California Academy of Family Physicians. Simon is an associate professor of family medicine and assistant director of the family medicine residency program at Loma Linda University, Loma Linda, Calif.

Mark Roth, MD, MCP '92, a board-certified general surgeon, has joined the medical staff of Sharon Regional Health System of Sharon, Pa. He was previously with Waynesboro Hospital, Waynesboro, Pa.

Laura Lazarus, MD, HU '96, a breast surgeon, has joined the Center for Restorative Breast Surgery and the St. Charles Surgical Hospital in New Orleans. Previously with Greenwich Hospital in Greenwich, Conn., Lazarus was named a "Top Doctor" in the New York Metro area for three consecutive years, 2012–14.

Sandra S. Lee, MD, HU '98, a dermatologist, was ranked among the 2014 Top Doctors by the *Riverside, Calif.*, magazine *Inland Empire*. Lee practices at Skin Physicians and Surgeons of Upland, Calif. She completed fellowship training in laser, dermatologic and cosmetic surgery.

Sachin Shah, MD, MCP '98, was elected secretary/treasurer of Nyack (New York) Hospital's medical staff. Shah, a partner of Emergency Medical Associates in Parsippany, N.J., is the emergency department director at Nyack Hospital and a member of the hospital's medical executive committee. Shah also serves as an assistant clinical professor for the Department of Emergency Medicine at New York Medical College, Valhalla, N.Y.

Jazmine A. Harris, MD, MCPHU '99, was appointed interim chief medical officer at CompleteCare Health Network in Glassboro, N.J., while the current CMO is on sabbatical. Harris has been a pediatrician at Complete Care for the past four years.

Shervin Naderi, MD, MCPHU '99, a rhinoplasty specialist, received the 2014 Vitals Top 10 Doctor Award. He is the founder of Naderi Center for Rhinoplasty & Cosmetic Surgery located in Herndon, Va.

'00s

Gregory Poulter, MD '02, has joined OrthoIndy and the Indiana Orthopaedic Hospital in Indianapolis as an orthopedic spine surgeon. Previously, Poulter worked as a spine surgeon at Vail-Summit Orthopaedics in Vail, Colo., where he was a founding member and chair of the Vail-Summit Research and Education Foundation.

Steven Appleby, MD '03, an interventional cardiologist, joined St. Mary High Desert Medical Group of Apple Valley, Calif. He most recently practiced at HeartScape Cardiovascular Center of Orange County. Appleby is board certified in cardiology and interventional cardiology.

Carolyn Lacey, MD '03, completed her active duty commitment with the U.S. Air Force in 2014 and was honorably discharged with the rank of major. Lacey completed her cardiovascular diseases fellowship at National Naval Medical Center in Maryland and Walter Reed Army Medical Center, and was serving at Travis AFB. Board certified in internal medicine and cardiovascular disease, she is now with John Muir Medical Center in Walnut Creek and Concord, Calif.

Robert H. Cho, MD '04; Orthopedic Surgery Resident, '09, was recognized as a "Rising Star" among "Super Doctors" in *Los Angeles* magazine. Cho is a pediatric orthopedic surgeon at Shriners Hospital for Children in Los Angeles.

Dirk Verbrugge, MD '04, a pediatric emergency physician, joined OU Children's Physicians, located at the Children's Hospital at OU Medical Center in Oklahoma City, which is affiliated with the University of Oklahoma College of Medicine. Verbrugge completed his fellowship at Arkansas Children's Hospital and served as chief resident at the University of Oklahoma College of Medicine.

Naveen Kumar, MD '05, a plastic surgeon, has joined the Smartlipo team at BodyLase Skin Spa of Raleigh, N.C. He completed his general surgery residency at St. Barnabas Medical Center in Livingston, N.J. He was then accepted for further training in plastic surgery at Duke

University Hospital, where he was awarded The Plastic Surgery Foundation Pilot Research Grant.

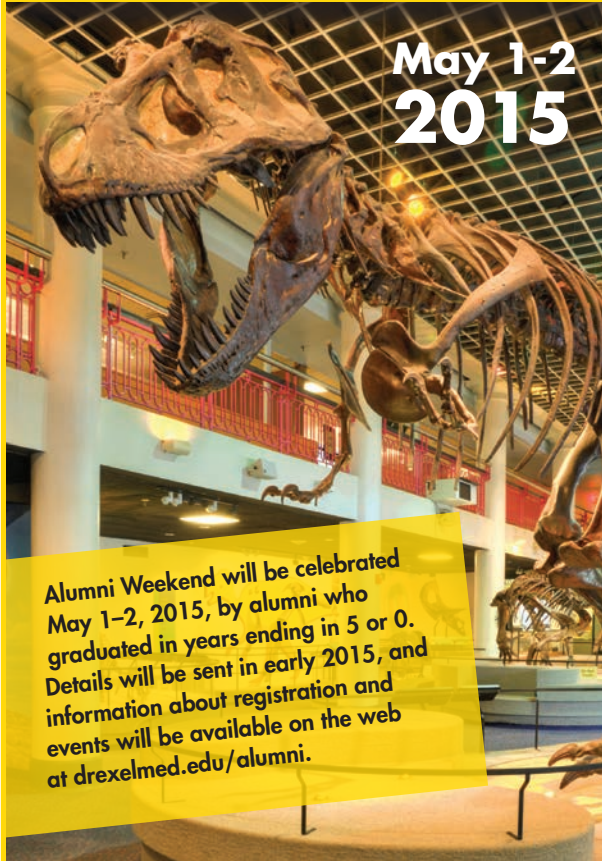
Kathryne J. Stabile, MD '06, joined Orthopedic Associates of Lancaster, in Lancaster, Pa. She is the first female physician in the practice. After her residency at Wake Forest University Baptist Medical Center, Stabile completed a fellowship in sports medicine at Duke University Medical Center. She works closely with the U.S. Women's National Field Hockey Team, whose home base is in Manheim, Pa.

Carrie Anne Willis, MD '06; Internal Medicine Resident '09, board certified in cardiology, began practicing at Intermountain Healthcare's Southwest Cardiology Clinic. She completed a cardiovascular fellowship at the Marshall University College of Medicine and an advanced heart failure and transplant fellowship at the University of Utah.

Obehi Asemota, MD '07, an infertility specialist, joined the Advanced Fertility Center of Chicago located in Gurnee, Ill. Asemota was an instructor at Albert Einstein College of Medicine while completing her fellowship in reproductive endocrinology and infertility at Montefiore Institute of Reproductive Medicine in Hartsdale, N.Y.

Moshe Barnajian, MD '07, is a colorectal surgeon at the Colorectal Surgery Institute at Methodist Hospital of Southern California located in Arcadia, Calif. Barnajian is board certified in general surgery and board eligible in

• continued on next page



Save the Dates!

May 1-2
2015

Alumni Weekend will be celebrated May 1-2, 2015, by alumni who graduated in years ending in 5 or 0. Details will be sent in early 2015, and information about registration and events will be available on the web at drexelmed.edu/alumni.

Will Klein for The Academy of Natural Sciences of Drexel University

colon and rectal surgery. He completed his internship and residency at Cedars-Sinai Medical Center and his fellowship training in colorectal surgery at Stony Brook University Hospital.

David Shafer, MD '07, completed his neurosurgery residency at the University of Colorado in June. He has joined the Boulder Neurosurgical and Spine Associates practice in Boulder, Colo. Earlier this year he participated in a medical mission in Kurdistan. He earned his master's in medical science at the College of Medicine in 2003.

Christian Athanassious, MD '08, has joined Santa Rosa Orthopaedics, a 10-physician medical group in Santa Rosa, Calif., as co-director of the Total Spine Health Program. Athanassious finished a spine surgery fellowship at Stanford University in 2014. He had completed his orthopedic residency at Monmouth Medical Center, serving as the chief resident in his final year. He first entered Drexel as a post-baccalaureate premed student, earning his certificate in 2004.

Daniel K. Choi, MD '08, has joined the faculty at the University of Illinois at Chicago College of Medicine as an attending physician in the Division of Pediatric Hematology/Oncology. He completed his fellowship in pediatric hematology/oncology at Northwestern University's McGaw Medical Center/Lurie Children's Hospital of Chicago. During his fellowship, he also obtained a master's degree in clinical investigation through the Graduate School at Northwestern University.

Michael J. Chuang, MD '08, an orthopedic surgeon, joined Healthpointe, a multidisciplinary healthcare organization offering occupational medical services in practice locations throughout Southern California. Chuang recently completed fellowship training in arthroscopic surgery and sports medicine at The Sports Clinic of California.

College of Medicine Alumni Association 2015 Awards

It's that time of year again, and we are soliciting nominations for the Drexel University College of Medicine Alumni Association Awards.

Learn more about each award, and access a nomination form at drexelmed.edu/AlumniAwards

**Please make your nominations
as soon as possible.**

Please call 215.255.7345 or email medical.alumni@drexel.edu with any questions.

Adam B. Fleit, MD '08, a hand surgeon, has joined the staff of Seacoast Orthopedics & Sports Medicine in Somersworth, N.H. Fleit recently finished the Cleveland Combined Hand Surgery Fellowship, which included training at both the Cleveland Clinic and Metro-Health Medical Center. He completed his orthopedic surgery residency at the University of Connecticut Health Center. Fleit earned a Post-Baccalaureate Certificate from the College of Medicine in 2004.



Kelly M. Wanamaker, MD '08, completed her general surgery residency at Allegheny General Hospital and will be commencing a fellowship at Brigham and Women's Hospital in Boston.

'10s

Clarence Lee Jr., MD '10, earned his MBA from Drexel University Sacramento in September. His concentration was Entrepreneurship & Innovation Management. He earned a Post-Baccalaureate Certificate from the College of Medicine in 2006.

Matthew Roh, MD '10, a pain medicine and rehabilitation physician, joined American Spine, a multispecialty practice in Maryland and Pennsylvania.

Daniel Pascual, MS '14; Germaine Rival, MS '14; Gokul Swaminathan, PhD '14. See Swaminathan, page 11.

Former Residents and Fellows

(alphabetical)

Jonathan Beatty, MD; Psychiatry Resident, HU '07, joined Clarity Way, a substance abuse and dual diagnosis treatment center in central Pennsylvania, as its staff psychiatrist. He is a diplomate of the American Board of Psychiatry and Neurology, and the American Board of Pain Medicine.

Jasjot Bhullar, MD; Nephrology Resident, HU '09, joined Southcoast Physicians Group in Fairhaven, Mass. Bhullar, who is board certified in nephrology, hospice and palliative medicine, and internal medicine, previously served as the medical director of the Hemodialysis Unit at the Maine General Medical Center in Waterville, Maine, and maintained a private nephrology practice.



Priti Bijpuria, MD; Gastroenterology Fellow, HU '13, a gastroenterologist, joined Capital Digestive Care's Maryland Digestive Disease Center in Ellicott City, Md. A graduate of the University of Maryland School of Medicine, Bijpuria completed her residency in internal medicine at Boston University. She is board certified in internal medicine.

Jillian Edwards, DO; Clinical Neurophysiology

Fellow '13, joined Cape Regional Physicians Associates, a multispecialty medical group in Cape May Court House, N.J.

Tooba Fayyaz, DO; Clinical Neurophysiology

Fellow '13, joined Cape Regional Physicians Associates, a multispecialty medical group in Cape May Court House, N.J.

Carmen Febo-San Miguel, MD; Family Medicine

Resident HU '76, executive director of Taller Puertorriqueño, was named a 2014 Minority Business Leader by the *Philadelphia Business Journal*. Prior to joining Taller as executive director in 1999, Febo-San Miguel served as medical director of Germantown Family Medicine Associates.

Thomas Koobatian, MD; Emergency Medicine

Resident, MCP '94, was appointed executive director and chief of staff for New Milford Hospital, Milford, Conn. Koobatian has been at New Milford Hospital, an affiliate of Columbia-Presbyterian Medical Center, for 17 years.

Mario Matos-Cruz, MD; Cardiothoracic Surgery Fellow,

HU '96, a cardiothoracic surgeon, joined Holzer Cardiovascular Institute in Gallipolis, Ohio. Matos previously practiced at Good Samaritan Hospital in Vincennes, Ind.

Bhavin Patel, DO; Internal Medicine Resident, HU '11,

a cardiologist, joined Lee Memorial Health System and Lee Physician Group in Fort Myers, Fla. Patel recently completed a cardiovascular disease fellowship at Deborah Heart and Lung Center in Brown Mills, N.J. He is board certified in internal medicine.

Tejesh Patel, MD; Dermatopathology Fellow '03, is a

co-head of UT DermPath, the only academic dermatopathology lab in Memphis, Tenn. Patel is a member of UT Medical Group in Memphis and an assistant professor in the Department of Dermatology at the University of Tennessee Health Science Center.

Alan Tannenbaum, MD; Pediatrics Resident, HU '87,

joined the Department of Pediatrics at Doylestown (Pennsylvania) Hospital in association with Tri-County Pediatrics, which has offices in Bucks, Montgomery and Philadelphia counties. Tannenbaum is certified by the American Board of Pediatrics.

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In Memoriam

Alumni

Robert C. Altland, MD, HU '58, September 12

Dudley C. Backup, MD, HU '80, November 2

Steven Charles Brin, MD, MCP '80, November 2

Walter Chroniak, MD, HU '47, October 20

Marjorie Conrad-Peatee, MD, HU '46, October 8

Robert A. Donato, MD, HU '48, September 27

Norman H. Eckbold, MD, HU '54, April 15

Fruma W. Ginsburgh, MD, WMC '51, September 11

Walter Julia, MD, HU '63, September 28

Bernadette H. Loeb, MD, WMC '67, October 29

Richard M. Shuffstall, MD, HU '48, September 22

Judy A. Spitzer, PhD, HU '63, September 26

Alumni and Faculty

Lester J. Karafin, MD, a retired faculty member, died September 26, his 88th birthday. He was a professor of surgery and chief of the Division of Urology at Woman's Medical College and Medical College of Pennsylvania from 1964 to 1997 and served a term as president of MCP's medical staff. At the same time, he was a professor of urology at Temple University School of Medicine, which he joined in 1956, and a pediatric urologist at St. Christopher's Hospital for Children. He is survived by his wife of 28 years, Sheila Judge, MD, MCP '84; his son, Brian S. Karafin, PhD; daughter, Karen E. Karafin, MSW; and a granddaughter.

Julian Katz, MD, clinical professor of medicine, died on November 5. A gastroenterologist, he originally joined the faculty of Medical College of Pennsylvania and was affiliated with the former Graduate Hospital in addition to MCP. Among his numerous professional activities, he was a former president of the Philadelphia County Medical Society. He is survived by his wife Sheila Moriber Katz, MD, a former dean at Hahnemann University, and their children, Drs. Jonathan Katz and Sara Ward, and their families.

Mervin H. Needell, MD, HU '50, died October 24 at the age of 90. He had practiced for 31 years as a urologist in Miami-Dade County, also serving as clinical professor of urology at the University of Miami School of Medicine, when he returned to school to study philosophy and bioethics at Yale and Georgetown. After earning two new degrees, he became an educator and the first medical director of the University of Miami Bioethics Program. He is survived by his wife of 64 years, Elaine F. Needell, MD, HU '50; two sons, William M. Needell, MD, HU '82, and James E. Needell, JD, MD, HU '95; two daughters, Barbara Needell Preslier, DMD, and Nancy Needell Knopf, MD, HU '96; and their families, including seven grandchildren.

Joann Yaskin Nevyas, MD, MCP '72, clinical associate professor of ophthalmology, passed away in November. An expert in glaucoma and combined cataract-glaucoma surgery, she practiced with her husband, Herbert J. Nevyas, MD, clinical professor of ophthalmology, and their daughter, Anita Nevyas-Wallace, MD, assistant professor of ophthalmology, at Nevyas Eye Associates, a multi-office practice.



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Congratulations to the Classes of 1965 of Hahnemann and Woman's Medical College (pictured here) on their upcoming reunion. Join the celebration! Visit drexelmed.edu/alumni/reunions.