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Penn Engineering: Four New Scholarly Chairs

Penn Engineering is pleased to announce the recipients of four scholarly chairs: Jason Burdick, Zachary Ives, Vivek Shenoy and Beth Winkelstein.

Robert D. Bent Professor of Bioengineering

Jason A. Burdick has been named the Robert D. Bent Professor of Bioengineering.

Dr. Burdick is a professor in the department of bioengineering in SEAS. He holds a PhD in chemical engineering from the University of Colorado and completed his postdoctoral training at MIT. He joined Penn Engineering in 2005.

Dr. Burdick has received numerous awards for his research, including a National Science Foundation CAREER Award, a Packard Fellowship in Science and Engineering, an American Heart Association Established Investigator Award, and the 2018 George H. Heilmeier Faculty Award for Excellence in Research. He has been elected Fellow of the American Institute for Biomedical Engineering and recently received the Clemson Award for Basic Research through the Society for Biomaterials. He is on the editorial boards of *Tissue Engineering*, *Biofabrication*, and the *Journal of Biomedical Materials Research A*, and is an associate editor for *ACS Biomaterials Science & Engineering*. He has authored over 220 publications and has over 10 patents on his research.



Jason Burdick



Zachary Ives



Vivek Shenoy



Beth Winkelstein

Dr. Burdick's research involves the development of biomaterials for application in the repair of tissues, particularly in the musculoskeletal and cardiovascular fields. His laboratory primarily engineers hydrogels through advances in both molecule design and processing techniques. His work bridges both fundamental studies of material design and material-cell interactions and the translation of biomaterials towards the clinic.

The Robert D. Bent Professorship was established in 1978 by a grant from the Atlantic Richfield Foundation to honor Mr. Bent, an alumnus of chemical engineering who served as a member of the Board of Overseers for the (then) College of Engineering and Applied Science.

Adani President's Distinguished Professor

Zachary Ives has been named the Adani President's Distinguished Professor. Dr. Ives is professor and department chair in the computer and information science department. He holds a PhD in computer science from the University of Washington where he also completed his postdoctoral training. He has been on Penn Engineering's faculty since 2003.

Dr. Ives is a recipient of a National Science Foundation CAREER Award and a Christian R. and Mary F. Lindback Foundation Award for Distinguished Teaching, among others. He is a co-author of the textbook *Principles of Data Integration* and has received 10-year most-influential paper awards from the International Conference for Data Engineering and the International Semantic Web Conference. He has served as associate editor for the *VLDB Journal*, *IEEE Transactions on Knowledge and Data Engineering (TKDE)* and *Proceedings of the VLDB Endowment (PVLDB)*; and as program co-chair for the Association for Computing Machinery's Special Interest Group on Management of Data (ACM Sigmod) Conference. He has served on DARPA's Computer Science Study Panel and Information Science and Technology advisory panel.

Dr. Ives' research interests include data integration, databases, data analytics, neuroscience data management and data reproducibility. He is a co-founder of Blackfynn, Inc., which provides cloud-based data integration and analytics capabilities to facilitate life sciences and medical device research.

The Adani President's Distinguished Professorship was established in 2015 by a grant from the Adani Ports and Special Economic Zone Limited.

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Penn Law Teaching Awards A. Leo Levin Award for Excellence in an Introductory Course

Dorothy Roberts, an acclaimed scholar of race, gender and the law, is a Penn Integrates Knowledge (PIK) Professor, with joint appointments in Africana studies, sociology, and the Law School, where she holds the inaugural Raymond Pace and Sadie Tanner Mossell Alexander chair. She is also founding director of the Penn Program on Race, Science & Society in the Center for Africana Studies.



Dorothy Roberts

What the students say: "Professor Roberts was very encouraging of class discussion to inject more of students' ideas into the class." "Passionate, engaging, and also respectful of those in the class who had contrary opinions." "Prof. Roberts is an inspiring human being and really encouraged us to examine issues in a new critical light and to take everything and everyone into account."

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Vet Medicine Teaching Awards Zoetis Distinguished Teaching Award

This year's Zoetis Distinguished Teacher Award was presented to Klaus Hopster, assistant professor of anesthesiology at Penn Vet's New Bolton Center.

The Zoetis Distinguished Teacher Award is the most prestigious teaching award in veterinary medicine. It is presented annually to a faculty member at each college of veterinary medicine in the United States. Its purpose is "to improve veterinary medicine education by recognizing outstanding instructors who, through their ability, dedication, character and leadership, contribute significantly to the advancement of the profession." The entire Penn Vet student body votes on the recipient.

A student said, "Dr. Hopster manages to be funny, encouraging and patient, while still maximizing student learning."



Klaus Hopster

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Pullout: Commencement Supplement

The following is published in accordance with the Faculty Senate Rules. Among other purposes, the publication of SEC actions is intended to stimulate discussion among the constituencies and their representatives. Please communicate your comments to Patrick Walsh, executive assistant to the Senate Office, either by telephone at (215) 898-6943 or by email at senate@pobox.upenn.edu

Faculty Senate Executive Committee Actions Wednesday, May 9, 2018

Chair's Report. Faculty Senate Chair Santosh Venkatesh complimented the work of SEC and its committees over the past year in the progress they had made in the University's work, citing the outpouring of support from Penn faculty that was necessary to realize so many accomplishments.

Past Chair's Report. Faculty Senate Past Chair Laura Perna expressed her gratitude and appreciation for the opportunity to serve as a Tri-Chair from 2015-2018.

Senate Committee Reports. SEC heard and briefly discussed annual reports given by the chairs of Senate Committees. Senate committee reports can be found in the May 8, 2018 issue of *Almanac*.

Issues Requiring a Vote. SEC members voted for the faculty representatives on the 2018-2019 University Council Steering Committee.

Discussion and recommendations for SEC's 2018-2019 agenda. SEC members recommended a number of topics be considered by SEC in the coming year, including items that had been raised during moderated discussion sessions of SEC meetings earlier in the year. Two newly raised issues included the potential for bias in student class evaluations and the implications and impact of online-only degree programs offered through the College of Liberal and Professional Studies on other aspects of online learning at Penn.

Passing the Torch. Dr. Venkatesh recognized Dr. Perna for her three years of service as a Tri-Chair to the Faculty Senate. He also recognized the service of the chairs of the Senate's Standing and Ad Hoc Committees: C. Neill Epperson, Carmen Guerra, Pamela Sankar, Dominic Sisti, Thomas Sollecito and Robert Stine. Dr. Venkatesh yielded the floor to Jennifer Pinto-Martin, and SEC members welcomed her as Chair of the Faculty Senate for the 2018-2019 year. Dr. Pinto-Martin introduced Steven Kimbrough, who began his term as 2018-2019 Chair-Elect of the Senate.

Coverage of Trustees May Meetings

The Budget and Finance Committee as well as the Executive Committee of the University of Pennsylvania Trustees met on May 10. Trustees' Chair David L. Cohen noted that Penn recently launched *The Power of Penn* campaign with a \$4.1 billion goal (*Almanac* April 17, 2018). He also said he was looking forward to welcoming thousands of alumni to campus for Alumni Weekend, including Ivy Day, Baccalaureate and Commencement.

President Amy Gutmann announced that the FDA had approved a second application for the gene therapy developed at Penn to fight non-Hodgkin lymphoma. She also mentioned the creation of the Penn First Plus office as part of Penn's comprehensive effort to support the University's growing community of first-generation, low-income students (*Almanac* May 8, 2018). She also said that this year, Penn got the largest number of major fellowships in its history.

Provost Wendell Pritchett described the newly created position of Chief Wellness Officer who will oversee all aspects of student wellness at Penn once the search is completed in the fall (*Almanac* May 1, 2018).

Executive Vice President Craig Carnaroli reported on the first nine months of the fiscal year ending March 31, which were strong both on the academic side and the health system. He said that the total net assets for the consolidated University were \$17.6 billion, an increase of \$2.1 billion over the same time last fiscal year, driven largely by strong investment and operating performance as well as Princeton HealthCare System, part of Penn Medicine since January 1, 2018. The academic component had an increase in net assets from operations of \$68 million. Total revenue of \$2.4 billion was \$93 mil-

lion above budget primarily due to sponsored program revenue and \$60 million of accelerated gift payments. At the Health System, adjusted admissions, excluding the PHCS, were slightly higher than the previous year and consistent with the budget. Inpatient admissions were 3% lower than budget while outpatient activity in high intensity services was mixed.

In PSOM Dean J. Larry Jameson's Penn Medicine report, he noted that the steel beams are going up on the Hospital Pavilion, with eight floors of the 17 in place at this point (*Almanac* May 9, 2017). He also said that 159 students were graduating with their degrees as doctors of medicine.

Four resolutions were passed by the Penn Trustees:

The first was to authorize a new lease for the Vice Provost for Research, Penn Center for Innovation, Research Integrity Office and OVPR Information Technology at 3600 Civic Center Boulevard, Center for Healthcare Technology, 9th floor; total lease obligation (Present Value) \$11,662,000 inclusive of \$6,500,000 in capital net of tenant improvement allowance. This will replace three existing leases.

The second one was to approve the transaction related to Virtua Health, Inc.'s affiliate and the investment in a joint venture with regard to leasing radiation oncology equipment.

The third resolution was to authorize the establishment and incorporation of a new taxable corporation (NewCo) under the control of the University related to creation of a fixed indemnity insurance product for the University of Pennsylvania Health System.

The last one was to authorize certain loans not to exceed \$500,000 to University affiliated entities.

Deaths

Margaret Fanok: SAS

Margaret Loy Fanok, a longtime employee in what was then known as the geology department (now earth & environmental science), passed away on April 30 at the age of 101.

She spent the last 16 years of her life living in Springfield, Delaware County.

Ms. Fanok was born in Herndon, PA, and raised in Northampton with six siblings. Before her marriage to Nicholas Fanok in 1944, Ms. Fanok worked as a stenographer for the FBI in Philadelphia. While her children were still young, she re-entered the work force as a secretary for Sellers Methodist Church in Upper Darby.

She began working at Penn in 1966, where she worked as a secretary for the department of geology. She regarded the professors and students there as a second family, and they her. She officially retired in July 1983, but she continued to work part-time for the University until 1986.

Ms. Fanok was a devout person of faith and a lifelong member of the Order of the Eastern Star, serving as Worthy Matron. She also volunteered for many years as a member of Bryn Mawr Presbyterian Church.

She is survived by her daughters, Nancy Scanlon, Linda Dauberman, and Janice Williams; eight grandchildren; and nine great-grandchildren.

Norma Ornstein Goldstein: School of Dental Medicine

Norma Ornstein Goldstein, a cell biologist who held a number of positions at Penn, died April 12. She was 96.

Dr. Goldstein received her undergraduate degree from NYU, her master's from Columbia, and her PhD in molecular biology from Penn.

She held positions at Woods Hole Marine Biological Laboratory (now Woods Hole Oceanographic Institution), the University of California at Berkeley department of zoology, Memorial Sloan Kettering Cancer Center, and multiple research laboratories at Penn, where she worked for the last several decades of her career, studying animal and human gene sequencing to illuminate their relationship to aging and pathology of human heart, lung and skin diseases.

Before earning her PhD in 1971, she worked as a research associate in Penn's vet animal biology department. In 1971, she became a post-doctoral fellow in animal biology, and then held research and adjunct assistant professor positions in the same department. In 1979, Dr. Goldstein became a research assistant professor of biochemistry, vet medicine, and then a few years later a research specialist in molecular biology in dental medicine. Before leaving the University in 1989, she also served as a research associate in histology in dental medicine.

Dr. Goldstein is survived by her sister-in-law, Theresa Roller Ornstein; nieces and nephews, Avi Ornstein and Bernice Nowak-Ornstein, Tad and Lyanne Ornstein, and Cindy Ornstein and Charles Johnson.

To Report A Death

Almanac appreciates being informed of the deaths of current and former faculty and staff members, students and other members of the University community. Call (215) 898-5274 or email almanac@upenn.edu

Gorman Award for Excellence

Allison Hoffman is a professor of law and an expert in health care law and policy. Her work examines some of the most important legal and social issues of our time, including the Affordable Care Act, Medicare and retiree healthcare expenses and long-term care.

What the students say: “Her interest in health law made this class a lot more enjoyable because she was able to respond to our questions and lead discussions on important current events relating to health law.” “Amazing! Hoffman gives great insight into subjects from the perspective of an academic and someone who has practiced in the field.”



Allison Hoffman



Dave Hoffman



David Skeel



Howard Langer



Peter Leckman

Harvey Levin Memorial Award

Dave Hoffman is an expert in contracts, law and psychology, and empirical legal studies, and his scholarship uses observational and experimental data to explore individuals' behavior relating to legal rules. His recent work on contract, for example, investigated whether millennials have developed a distinctive set of views about promising turning on their experiences with online commercial transactions.

What students say: “Professor Hoffman is probably the best educator I've ever had in my life. Ever. He's born to do this. He works independently with students to ensure each of us grow personally and intellectually.” “He's very approachable. You can email him or talk in his office. He works really hard for his students and gives more feedback than any other professor I've had.”

LLM Teaching Award

David Skeel is the S. Samuel Arshat Professor of Corporate Law and author of *True Paradox: How Christianity Makes Sense of Our Complex World*; *The New Financial Deal: Understanding the Dodd-Frank Act and Its (Unintended) Consequences*; *Icarus in the Boardroom*; *Debt's Dominion: A History of Bankruptcy Law in America*; and numerous articles on bankruptcy, corporate law, financial regulation, Christianity and law and other topics.

What students say: “Professor Skeel is probably the nicest professor on the faculty (and there are a lot of nice professors)—his attitude was only positive and he was very accessible outside class hours.” “Professor Skeel is deeply knowledgeable and enthusiastic about the [class] topic, which has positive effects on student interest.”

Adjunct Teaching Award

Howard Langer, L'77, has taught antitrust law at Penn since 2001. He is the managing partner of Langer, Grogan & Diver, specializing in complex commercial litigation, particularly antitrust and consumer law. Peter Leckman is a partner at Langer, Grogan & Diver specializing in antitrust and consumer class actions.

What students say: “Professors Langer and Leckman were very responsive to students. They always welcome us to ask them questions in class and after class. Also, they gave us a lot of support on our in-class research and presentations.” “Both professors were very engaging and kind and gave us a lot of opportunities to meet with them about our presentations and research assignments.”

The Newly Retired Faculty

The following faculty retired during the 2017-2018 academic year. The year each one joined the Penn faculty ranks is noted in parentheses.

Andrea Apter, Professor Emerita C-E, Pulmonary, Allergy and Critical Care, PSOM ('98)
 Judy C. Bernbaum, Professor Emerita, Pediatrics, PSOM ('81)
 Robert Berkowitz, Professor Emeritus C-E, Psychiatry, PSOM ('90)
 John J. Bianrosa, Associate Professor, Anesthesiology and Critical Care, PSOM ('06)
 Daniel Bogen, Professor, Bioengineering, SEAS ('82)
 Susan Brozena, Associate Professor Emerita C-E, Cardiovascular Medicine, PSOM ('98)
 Dell R. Burkey, Professor, Anesthesiology and Critical Care, PSOM ('02)
 Dianne Chambless, Professor, Psychology, SAS ('02)
 Thadious M. Davis, Professor Emerita, English, SAS ('04)
 Dennis Durbin, Professor Emeritus C-E, Pediatrics, PSOM ('90)
 Roselyn Eisenberg, Professor Emerita, Pathobiology, Veterinary Medicine ('68)
 Michael A. Freed, Associate Professor, Neuroscience, PSOM ('95)
 Warren Gefter, Professor C-E, Radiology, PSOM ('79)
 William Greeley, Professor C-E Emeritus, Anesthesia, PSOM ('96)
 John Hirshfeld, Professor C-E Emeritus, Cardiovascular Medicine, PSOM ('74)
 Jerry C. Johnson, Professor, Medicine, PSOM ('79)
 Robert Kalb, Professor Emeritus, Neurology, PSOM ('02)
 Saleem A. Kassam, Professor, Electrical Engineering, SEAS ('75)
 Brian Keith, Assistant Professor, Cancer Biology, PSOM ('01)
 Haresh Kirpalani, Professor C-E Emeritus, Pediatrics, PSOM ('07)
 Alan Kors, Professor Emeritus, History, SAS ('68)
 Tom C. Lubensky, Professor Emeritus, Physics and Astronomy, SAS ('71)
 Ian MacMillan, Professor Emeritus, Management, Wharton ('85)
 Soroosh Mahboubi, Professor C-E Emeritus, Radiology, PSOM ('73)
 Katherine Margo, Associate Professor Emerita, Family Medicine, PSOM ('00)
 Susan Margulies, Professor Emerita, Bioengineering, SEAS ('93)
 Carolyn Marvin, Professor Emerita, Communication, Annenberg ('80)
 James E. McDonough, Associate Professor, Radiation Oncology, PSOM ('98)
 Barbara Medoff-Cooper, Professor Emerita, Family and Community Health, Nursing ('81)
 Judy Meinkoth, Professor Emerita, Pharmacology, PSOM ('94)
 Michael Mennuti, Professor Emeritus, Obstetrics and Gynecology, PSOM ('75)
 Paul Messaris, Professor Emeritus, Communication, Annenberg ('78)
 James Meyer, Professor C-E Emeritus, Radiology, PSOM ('90)
 Hyun-Duck Nah-Cederquist, Associate Professor, Surgery, PSOM ('95)
 Richard Neill, Associate Professor, Family Medicine, PSOM ('97)
 Charles P. O'Brien, Professor Emeritus, Psychiatry, PSOM ('71)
 Anna Lia Obaid, Associate Professor, Neuroscience, PSOM ('81)
 Robert G. Ousterhout, Professor Emeritus, History, SAS ('07)
 Jonathan E. Palmer, Associate Professor, New Bolton Center, Vet ('84)
 Christine Poggi, Professor Emerita, History of Art, SAS ('87)
 Vincent Price, Professor Emeritus, Communication, Annenberg ('98)
 Kenneth Richman, Assistant Professor, Anesthesiology and Critical Care, PSOM ('06)
 Barbara Schmidt, Professor C-E Emerita, Pediatrics, PSOM ('07)
 Julius L. Shaneson, Professor Emeritus, Mathematics, SAS ('88)
 Kenneth Shropshire, Professor Emeritus, Legal Studies & Business Ethics, Wharton ('86)
 Larry Silver, Professor Emeritus, History of Art, SAS ('97)
 Robert Siman, Professor, Neurosurgery, PSOM ('98)
 Peter Stallybrass, Professor Emeritus, English, SAS ('88)
 John Stanley, Professor Emeritus, Dermatology, PSOM ('94)
 Rita Valentino, Professor, Anesthesiology and Critical Care, PSOM ('00)
 Keith Van Arsdalen, Professor C-E Emeritus, Surgery Administration, PSOM ('83)
 Joan Von Feldt, Professor C-E Emerita, Rheumatology, PSOM ('88)
 Yoram Wind, Professor Emeritus, Marketing, Wharton ('67)

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The William B. Boucher Award

The Boucher Award honors a house officer at New Bolton Center for excellent teaching, as was exemplified by William Boucher over four decades at Penn Vet.

This year's winner is Courtney Pope, a resident in internal medicine at Penn Vet's New Bolton Center.

"Dr. Pope has quickly gained recognition not only as a talented clinician, but as a fabulous teacher," said colleague Ray Sweeney. Words students have use to describe her include: "welcoming, approachable, awesome instructor, a joy to work with, enthusiastic, patient, a shining star, kind, makes learning fun, and treats students like peers." One student summed it up best: "Dr. Pope is spectacular!"



Courtney Pope

V'18 Philadelphia Teaching Award

Ariel Mosenco is a clinical associate professor with the small animal internal medicine section. Dr. Mosenco also serves as head of feline radioactive iodine therapy.

"Dr. Mosenco seamlessly works as both a mentor and a friend," said 2018 Class President Sophie Eiger. "He's able to challenge students to think critically while also ensuring their comfort in the hectic environment of the hospital. Dr. Mosenco has been a true pleasure to work with this past year. On behalf of V'18, I want to personally thank you for being so welcoming this past year and for helping to prepare us for our future as veterinarians."



Ariel Mosenco

V'18 New Bolton Center Teaching Award

The New Bolton Center Campus Teaching award was awarded to Jennifer Linton, assistant professor of clinical equine field service. Dr. Linton's areas of research interest include pregnancy loss in the mare, poor performance and behavioral changes in horses and small ruminant reproductive neoplasia.

A student said, "Dr. Linton makes a sincere effort to get to know every student who rides in her truck. She engages with us about life at Penn Vet and never misses an opportunity to teach, especially if it has to do with reproduction. She gives great advice and is invested in students succeeding in school and as future veterinarians. It is clear that she loves Penn Vet and sincerely cares about each one of the students here."



Jennifer Linton

V'19 Philadelphia Teaching Award

Heather Rudolph is a certified veterinary technician. As the teaching lab coordinator, Ms. Rudolph has developed and manages the hands-on Clinical Skills Lab for students at Penn Vet. The students have access to models to practice skills such as restraint, venipuncture, gowning and gloving, clinical pathology and suturing. Before coming to Penn Vet, Ms. Rudolph worked in emergency and critical care at Crown Veterinary Specialists and Quakertown Veterinary Clinic.

A student said, "Our junior surgery course during third year, in which we perform a spay, can be intense. Heather Rudolph has been extremely instrumental in our success, taking the time to teach us about everything related to patient care, from blood draws to catheterizations. She always sent us reminder text messages about what to expect on surgery day, would respond to our text messages no matter how late they were, and was always there to save the day when something went wrong. One time the spay dogs did not have transportation to make it to Penn Vet. Heather took it upon herself to rent a van and drive a two-hour round trip to pick up the dogs at the shelter and make sure we were able to perform our surgeries in time and fulfill our requirements for clinical exercises. That's dedication."



Heather Rudolph

V'19 New Bolton Center Teaching Award

Ray Sweeney, professor of medicine and chief of the section of medicine and ophthalmology, has spent his entire 30-year career at New Bolton Center. Dr. Sweeney's clinical specialty is internal medicine of large animals, and his research work is focused on paratuberculosis and other infectious diseases of cattle. He teaches in all four years of the veterinary curriculum, including lectures, hands-on laboratories and clinical instruction of fourth-year students.

A student said, "In the beginning of the year, third years have the option to participate in large animal block. With all of the horses, cows, sheep and goats there are literally a lot of moving parts to this block. In addition to the snow days, the ice days, and the Eagles winning the Superbowl, there have been a lot of shifts in the schedule. Dr. Ray Sweeney worked diligently to make sure that our large animal block experience went as smoothly as possible. Because of that and so much more, not only is Dr. Sweeney a great professor, but he's also a great friend to us all."



Ray Sweeney

V'20 Laboratory Teaching Award

James Lok is a professor of parasitology. In addition to his commitment to teaching second- and third-year veterinary students, Dr. Lok is also an active member of the microbiology/virology/parasitology component of the Cell and Molecular Biology Graduate Group at Penn. His research interests are in the molecular and neuronal control of the infective process in parasitic nematodes.

"During the Class of 2020 orientation, Dr. Lok didn't have a slideshow or interesting pictures on the screen, but when he started to speak, everyone turned their antennae to listen," said 2020 Class President Patrick Pilon. "That day there wasn't any information on parasitic life cycles or different infection routes. Instead he spoke about our potential. He told us about how amazing we all were to be sitting in this room, that all of us are extraordinary people. That every single one of us will make a profound difference in the life of our clients and patients. Dr. Lok continued to inspire us during our parasitology course with his dedication to teaching one of the toughest subjects for second year students. His devotion to our learning, preparation for clinical parasitology, and willingness to help students find that evasive protozoan is why the class of 2020 would like to present Dr. Lok with the Laboratory Teaching award."



James Lok

V'20 Lecture Teaching Award

Nicole Weinstein is an associate professor of clinical pathology at Penn Vet. She is the course leader and primary instructor in the second year clinical pathology course and is the head of the clinical pathology laboratory in the veterinary hospital.

A student said, "Dr. Weinstein can break down complicated topics into digestible pieces, while maintaining a fun learning environment. She works hard to give material that truly challenges students while reminding us to be objective, because our patients will not have read the clinical pathology textbook. She prepares students for their clinical year and beyond."



Nicole Weinstein

V'21 Laboratory Teaching Award

Barbara Smith Grandstaff, assistant director and lecturer of anatomy, teaches gross anatomy, developmental biology and neuroscience courses at Penn Vet. Her research focuses on functional morphology of vertebrates, vertebrate paleopathology, and late Cretaceous coastal ecosystems. Her recent publications include descriptions of new taxa of fossil fishes and studies of the skel-

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etal histology of Cre-taceous fishes. A recent description of healed fractures in wild artiodactyls was inspired by a broken and healed deer tibia, which Eric Deeble, VMD Class of 2013, found in Fairmount Park during his first year at Penn Vet.

A student said, “She is a wonderful person both in and out of the classroom. Snow or shine, you know she’ll be in class, and when she is out of the class you can count on her to answer emails until the wee hours of the night. Dr. Grandstaff has become famous for her unfathomable wealth of anatomical knowledge as well as her positive attitude, always ending interactions with a comforting ‘You betcha!’ or ‘Hope that helps!’ No matter what class she is involved in, it is obvious that she genuinely cares about her students and their successes. She always finds very clear and distinct ways of explaining complex ideas to us, often using her cats Shadow and Argy as examples. We most likely will not miss the workload of anatomy or neuro labs, we will certainly miss working with Dr. Grandstaff in class.”



Barbara Grandstaff

V’21 Lecture Teaching Award

Rose Nolen-Walston, associate professor, large animal internal medicine, has been teaching and practicing internal medicine at Penn Vet for the last 11 years.

A student said, “With the perfect combination of enthusiasm, clinical relevance, and an arsenal of dollar-store props, Dr. Nolen-Walston gave some of the most thought-provoking, well-delivered and intriguing lectures we have experienced thus far. Her passion for veterinary medicine is contagious and we greatly look forward to working with her in the future in clinics.”



Rose Nolen-Walston

Eduardo D. Glandt President’s Distinguished Professor in SEAS

Vivek Shenoy has been named the Eduardo D. Glandt President’s Distinguished Professor in SEAS.

Dr. Shenoy received his PhD in physics from The Ohio State University in 1998 and served as a postdoctoral fellow for two years at Brown University before beginning his career at Penn as assistant professor of engineering in 2000, reaching the rank of professor in 2010. He joined Penn as a professor in 2012.

Dr. Shenoy’s numerous honors include a National Science Foundation CAREER Award and a Rosenbaum Fellowship from the Isaac Newton Institute of Mathematical Science at the University of Cambridge. He serves as the director of the NSF Science and Technology Center for Engineering Mechanobiology, which is a consortium of seven participating universities that advances the study of mechanical forces in molecules, cells and tissues in plants and animals.

Dr. Shenoy’s research focuses on developing theoretical concepts and numerical methods to understand the basic principles that control the behavior of both engineering and biological systems. He has used rigorous analytical methods and multiscale modeling techniques to gain deep physical insights into a myriad of important problems in materials science, mechanics and biology. He has authored over 200 research publications, with papers in *Science*, *Nature*, *Nature Materials*, *Nature Chemistry* and *PNAS* and serves on the editorial board of the *Biophysical Journal*.

Eduardo D. Glandt President’s Distinguished Professor in SEAS

Beth Winkelstein has been named the Eduardo D. Glandt President’s Distinguished Pro-

fessor in SEAS.

Dr. Winkelstein received her bachelor’s degree in bioengineering from Penn in 1993 and earned a doctoral degree in Biomedical Engineering from Duke in 1999. She joined Penn’s faculty in 2002 after completing a post-doctoral fellowship in the neuroimmunology of pain in anesthesiology & pharmacology at Dartmouth. She is a professor of bioengineering and neurosurgery and has been the Vice Provost for Education at Penn since 2015.

Dr. Winkelstein studies the biomechanical mechanisms of painful spine and other joint injuries and is defining the pathophysiological cellular mechanisms driving chronic pain, mechanotransduction of pain and potential diagnostic and therapeutic approaches for these disorders. Her group has pioneered several pre-clinical injury models of pain, including models of ligament and nerve in the neck, as well as temporomandibular pain and sciatica—these are the first injury models with clinically relevant symptoms.

Dr. Winkelstein is a Fellow of the Biomedical Engineering Society and the American Society of Mechanical Engineering and was elected to the American Institute for Medical and Biological Engineering. She was awarded a Whitaker Young Investigator Award, a National Institutes of Health (NIH) Career Award, a National Science Foundation CAREER Award, the American Society of Mechanical Engineers’ Y.C. Fung Young Investigator Award and the ASME Van C. Mow Medal. In 2018, she was elected to the World Council of Biomechanics.

In 2015, four Eduardo D. Glandt President’s Distinguished Professorships were established by numerous donors to honor Eduardo D. Glandt, Dean Emeritus of the School of Engineering and Applied Science.

Recognized Holidays for Fiscal Year 2019

The following holidays will be observed by the University in the upcoming fiscal year (July 1, 2018 through June 30, 2019) on the dates listed below:

- Independence Day, Wednesday, July 4, 2018*
- Labor Day, Monday, September 3, 2018*
- Thanksgiving, Thursday and Friday, November 22 & 23, 2018*
- Christmas Day, Tuesday, December 25, 2018*
- New Year’s Day, Tuesday, January 1, 2019*
- Martin Luther King, Jr. Day, Monday, January 21, 2019*
- Memorial Day, Monday, May 27, 2019*

To the University Community:

Each year, the President, Provost, and EVP assess the feasibility of observing Penn’s traditional Special Winter Vacation. Thus, the Special Winter Vacation granted to faculty and staff will be December 24, 26, 27, 28, and 31, 2018. If an employee is required to work to continue departmental operations for part or all of this period, the Special Winter Vacation can be rescheduled for some other time.

Staff members who are absent from work either the work day before a holiday, the work day after a holiday, or both days, will receive holiday pay if that absence is charged to preapproved paid time off or to sick days substantiated by a written note from the staff member’s health care provider.

Vacations and holidays for hospital employees or those staff members in collective bargaining units are governed by the terms of hospital policies or their respective collective bargaining agreements.

—Division of Human Resources

Update

May AT PENN

EXHIBITS

Now

Open Video Call 2018; new selected works on video by Philadelphia-area artists and filmmakers; ICA. *Through August 12.*

AT PENN Deadlines

The May AT PENN calendar is online and the Summer AT PENN calendar will be published in next week’s issue. The deadline for the Update in the *July 17* issue is *Tuesday, July 3.*

	Fiscal Year 2019	Fiscal Year 2020	Fiscal Year 2021
Independence Day	Wed., 7/4/18	Thurs., 7/4/19	Fri., 7/3/20 (observed)
Labor Day	Mon., 9/3/18	Mon., 9/2/19	Mon., 9/7/20
Thanksgiving	Thurs., & Fri., 11/22, 11/23/18	Thurs., & Fri., 11/28, 11/29/19	Thurs., & Fri., 11/26, 11/27/20
Christmas Day	Tues., 12/25/18	Tues., 12/25/19	Fri., 12/25/20
New Year’s Day	Tues., 1/1/19	Wed., 1/1/20	Fri., 1/1/21
Dr. Martin Luther King, Jr. Day	Mon., 1/21/19	Mon., 1/20/20	Mon., 1/18/21
Memorial Day	Mon., 5/27/19	Mon., 5/25/20	Mon., 5/31/21

Human Resources: Upcoming June Programs

Professional and Personal Development

Open to faculty and staff. Register at <http://knowledgeink.upenn.edu/>

Your Career@Penn; June 6; 12:30-1:30 p.m. Hosted by Penn Recruitment and Staffing and developed to assist staff in building their careers. Recruitment professionals will share practical information to help connect your skills and abilities with opportunities at Penn.

The Psychology of Job Performance; June 7; 12:30-1:30 p.m. Successfully overcoming performance issues in the workplace requires a basic understanding of how the human mind works. We will discuss how job performance intersects with concepts within the field of psychology, such as behavioral science and motivation and how these concepts form a framework that can be used to diagnose performance issues and realize the most efficient and effective ways to overcome them.

TED Talk Tuesday: Kelly McGonigal, How to Make Stress Your Friend; June 26; 12:30-1:30 p.m. Stress makes your heart pound, your breathing quicken and your forehead sweat. While stress has been made into a public health enemy, new research suggests that stress may only be bad for you if you believe that to be the case. In this video screening, psychologist Kelly McGonigal urges us to see stress as a positive and introduces us to an unspoken mechanism for stress reduction: reaching out to others. Followed by a discussion.

Learning with Lynda: Building Resilience; June 28; 12:30-1:30 p.m. Have trouble getting by when the going gets tough? Everyone wants to perform well when the pressure's on, but a lot of us withdraw in times of stress or adversity. If you can build your resilience, you'll have an easier time facing new challenges. Kelley School of Business professor and professional communications coach Tatiana Kolovou explains how to build your "resiliency threshold." She outlines five training techniques to prepare for difficult situations and five strategies for reflecting on them afterward. Find out where you are on the resilience scale, identify where you want to be and learn strategies to close the gap. *Learning with Lynda* utilizes the University's enterprise-wide license of *Lynda.com* to provide a blended learning solution. Prior to attending the in-class session it is strongly recommended that you take the online Lynda module. During the classroom session we apply the concepts from the online module. Please complete the Building Resilience session at <http://lynda.upenn.edu/> prior to attending.

Work-life Workshops

Open to faculty and staff. Register at www.hr.upenn.edu/registration

Mindfulness Monday: From Mindful to Mindful; June 4; 12:30-1:30 p.m. According to Jon Kabat-Zinn, mindfulness is "paying attention, on purpose, in the present moment, non-judgmentally." Mindfulness practice develops awareness of your present thoughts and feelings to help you manage different situations. In this experiential workshop, you'll see how mindfulness can help you become more engaged and effective both at home and in the workplace. No prior meditation experience necessary.

New and Expectant Parent Briefing; June 5; 12:30-1:30 p.m. This is an introductory resource designed for expectant parents and those who are new to parenting or child care. Participants learn about local and University childcare and parenting resources including breastfeeding support and the nursing mothers program, childcare locators, back-up care, adjusting to new schedules and flexible work options. This will cover Penn's short-term disability (STD) and related sick leave policies.

Guided Meditation: Take a Breath and Relax; June 8 and 22; 12:30-1:30 p.m. Practice mindful breathing that focuses your attention on the present moment with kindness, compassion and awareness. Self-massage and gentle mindful movements that promote relaxation and reduce stress may also be included in the workshop. No experience necessary.

Inside Money: Managing Income and Debt; June 12; noon-1 p.m. Learn about making your money work, utilizing cash flow, saving and spending, and understanding good and bad debt and how to manage them.

Flexible Work Options; June 27; 12:30-1:30 p.m. An overview of Flexible Work Options and guidelines for proposing and implementing a flex request including: understanding the applicable HR guidelines and policies, assessing the fit between position and job responsibilities, reviewing a sample proposal, documenting the flexible work option request and implementing the request.

Penn Healthy You Workshops

Open to faculty and staff. Register at www.hr.upenn.edu/registration

Employee Health and Wellness Month Kick-off Walk; June 1; noon-1 p.m. We're starting Penn's Employee Health and Wellness Month with a wellness walk. We have partnered with the Center for Public Health Initiatives and Campus Recreation on this fun fitness event. CPHI has designed a great 2-mile route that will end at Pottruck for an open house where you can explore Recreation's programs, services and memberships. Meet in front of College Hall by the Ben Franklin statue for a quick warm-up. We will inform you when we have reached the 1-mile mark in case you need to leave. Invite a co-worker, bring your water bottle and don't forget your sneakers!

Gentle Yoga; June 5, 19 and 26; noon-1 p.m. Let your body reward itself with movement! Explore the natural movements of the spine with slow and fluid moving bends and soft twists. Flow into modified sun salutations that loosen tightened muscles and joints of the lower back, neck, shoulders and wrists. Get a workout in the process. Mats and props will be provided.

Spin Class; June 7, 14, 21 and 28; 11:30 a.m.-12:30 p.m. Pedal your way to a fantastic workout indoors! With the use of stationary cycles, each class is led on a "virtual" outdoor road, complete with a variety of exercises. This energizing, calorie-burning, fun workout is great for all fitness levels because you will ride at a self-directed pace.

Zumba; June 12; noon-1 p.m. Designed to take the "work" out of workout by mixing low-intensity and high-intensity moves for an interval-style, calorie-burning dance fitness party. Once the Latin and World rhythms take over, you'll see why Zumba classes are often called exercise in disguise.

Body Combat; June 13; noon-1 p.m. This fiercely energetic cardiovascular workout program is inspired by martial arts and draws from a wide array of disciplines. Tone and shape muscles while burning major calories!

Body Pump; June 20; noon-1 p.m. A toning and conditioning class with weights that is for anyone who wants to add strength training into their aerobic workout. Meet the challenge and reap the rewards!

Shape Up Your Summer Nutrition; June 20; noon-1 p.m. Join a Family Food Registered Dietitian to learn about healthy summer recipes, tools to stick with your nutrition goals while on vacation and other helpful summer tips to keep you in top shape all summer long.

Taking Care of Your Skin Webinar; June 20; noon-1 p.m. Having healthy skin is important not only for your appearance, but because your skin performs so many important tasks for your body. This will provide an understanding of the various functions of the human skin, some of the common disorders of the skin and how to maintain good skin health.

Be in the Know Biometric Screenings; June 27; 9 a.m.-1 p.m.; for benefits-eligible faculty and staff. These are the last on-campus screenings of the 2018-2019 campaign. Free biometric screenings provide key indicators of your health, such as blood pressure, cholesterol levels and blood sugar. Participants receive immediate feedback—plus points toward *Be in the Know* incentives. You can earn up to \$300 this campaign! Visit www.hr.upenn.edu/beintheknow

Chair Yoga; June 27; noon-1 p.m. A moderate form of yoga that's done while sitting in a chair or using a chair for support. You get the same benefits of a yoga workout but don't have to master complex poses. Chair yoga can be modified for all levels.

Almanac Publication Schedule

There is one more issue this spring, on *May 29*. *Almanac* will then have one mid-summer issue on *July 17*.

One Step Ahead

Security & Privacy
Made Simple

Another tip in a series provided by the Offices of Information Systems & Computing and Audit, Compliance & Privacy

Traveling Safely with Devices

As summer approaches, some of us might head to faraway locations for a vacation. Others may have work-related travel abroad. Before you leave, take some steps to keep both yourself and your data safe and secure.

• Keep yourself safe

Penn Global's Global Activities Registry is a great resource for Penn-affiliated travel abroad:

<https://global.upenn.edu/travel-guidance/register-your-trip>

Review current advisories from the U.S. State Department for your country of travel:

<https://travel.state.gov/content/travel/en/traveladvisories/traveladvisories.html>

• Keep your data secure

If you travel with devices, especially to international destinations, be sure to secure your data. Install antivirus/anti-spyware software on your smartphones, tablets and laptops before you go. Did you know that some unfriendly governments abroad may try to hack your devices? Safeguard your personal and Penn work-related data by perhaps not bringing them with you! If you really need to do work for Penn on your trip, consider bringing alternate "sanitized" devices that don't have any sensitive data and that you can wipe and restore when you return home. Consult with your IT support group for assistance.

In the U.S., you and/or belongings may be searched at border crossings, including international airport arrivals. While rare, U.S. Customs and Border Protection (CBP) agents may ask you to unlock your devices to analyze them. If you refuse, CBP could detain you and seize your devices to search and extract data from them, and it may be weeks before you see your equipment again. Bringing "sanitized" devices for travel abroad means less headache for you if those devices are seized, when your personal and Penn-owned data are not on those devices in the first place.

For more information:

<https://global.upenn.edu>

<https://travel.state.gov/travelsafely>

<https://www.isc.upenn.edu/how-to/symantec-endpoint-protection>

<https://www.isc.upenn.edu/get-it-help>

For additional tips, see the One Step Ahead link on the Information Security website: www.upenn.edu/computing/security/

Summer 2018 Dining Options on Penn's Campus

Summer 2018 is bringing a lot of changes to campus dining. If you're looking for a place to grab a bite, here is what you need to know.

Joe's Café and Joe's BBQ

Joe's Café, located in Steinberg-Dietrich, will be closed this summer due to the renovation of the patio area outside the café. Diners will still be

able to enjoy the popular Joe's BBQ which is moving to new locations. From now until June 20, every Wednesday (weather permitting) Joe's will be serving lunch at the Social Sciences Quad from 11 a.m. to 2 p.m. Starting June 25, you can enjoy Joe's from 11 a.m. to 2 p.m every day (weather permitting) at its new location, Irvine Plaza, 34th and Spruce Streets.

Houston Market Gets a New Look

Penn Dining is planning a major renovation of Houston Market, located in the lower level of Houston Hall. The project will include enhancements to the kitchen, serving and seating areas, and the introduction of new dining concepts. This effort, which is the first major renovation since 1998, is being done jointly by the Division of Business Services and VPUL. It is part of a larger project that includes work on Penn Commons and Houston Hall South patio replacement.

The work will enable Penn Dining to provide broader food options and improve efficiency for diners, especially during peak hours. The design will leverage the history and architecture of the Houston Hall space, the oldest student union building in the country, to create an inviting gathering place. A variety of seating types will be introduced to allow individual and group dining as well as support other activities throughout the day and later into the evening. Seating arrangements have integrated technology allowing diners to plug-in, charge and connect.

The actual market will combine the successful features of modern food halls and will offer eight high-quality options including Mediterranean, sushi, sandwiches, pizza, carvery and a Mongolian grill station, as well as specialty coffees and grab-and-go items. The renovation will also expand the current late-night campus dining options that our students have been requesting and will accommodate the unique scheduling needs of students who often have little time to eat between classes.

Construction is scheduled to be completed August 19. Houston Market and Beefsteak will be closed for the duration of the project.

Other Dining Options

You can also enjoy Tortas Frontera, located in the ARCH, Pret-a-Manger in Huntsman Hall and Mark's Café in Van Pelt-Dietrich Library.

For a complete list of dining locations and hours visit: www.upenn.edu/dining where there is also a link to the University Club at Penn.

—Business Services

Penn Parking Rates for 2018-2019

Penn Parking Services would like to thank its valued permit-holders for their patronage of the University's parking facilities. As part of its ongoing commitment to invest in lots and garages, Parking Services has made numerous facility improvements. These enhancements continue to focus on general maintenance, safety and security upgrades. Significant work in the department's eight garages, including both structural and aesthetic repairs, is ongoing. Some of the lot improvements include resurfacing, resealing, and restriping. In two lots we have added kiosks for patron convenience.

Effective July 1, 2018, the following FY19 rates apply to faculty and staff of the University and the Hospital of the University of Pennsylvania (HUP). These rate changes will be implemented in the July payroll.

For More Information: Please contact Penn Parking Services by visiting www.upenn.edu/parking, emailing parking@upenn.edu, or by visiting the Penn Transportation and Parking Office, Suite 447A, 3401 Walnut Street. Office hours are Monday-Friday, 8:30 a.m. to 5 p.m.

Location	Annual	Monthly ¹	University Weekly ¹	HUP Bi-weekly ¹
Curie Boulevard and Penn Museum	\$2,396.00	\$199.70	\$49.92	\$99.85
Chancellor 32, Chestnut 34, Domus, Eisenlohr, Graduate Education, Health Sciences 51, Law, Lower Walnut, Ludlow 34, Medical School Courtyard, Nursing, Palestra, Penn Museum-Kress, Richards, Sansom 38, Sports Medicine, Spruce 38, Walnut 32, Walnut 38, and Walnut 40	\$2,284.00	\$190.32	\$47.58	\$95.16
Hollenback	\$1,655.00	\$137.92	\$34.48	\$68.96
River Fields	\$1,457.00	\$121.38	\$30.35	\$60.69
24 Hour	\$2,828.00	\$235.66	\$58.92	\$117.83
Weekday Evenings (after 4 p.m.)/ Weekends	\$1,141.00	\$95.07	\$23.77	\$47.53
Motorcycle	\$759.00	\$63.29	\$15.82	\$31.64

¹ Rates reflect the permit-holder's payroll deduction

The University of Pennsylvania Police Department Community Crime Report

About the Crime Report: Below are the Crimes Against Persons or Crimes Against Society from the campus report for **May 7-13, 2018**. Also reported were for 13 crimes against property (11 thefts, 2 other offenses) with 5 arrests. Full reports are available at: <https://almanac.upenn.edu/sections/crimes> Prior weeks' reports are also online. —Eds.

This summary is prepared by the Division of Public Safety and includes all criminal incidents reported and made known to the University Police Department between the dates of **May 7-13, 2018**. The University Police actively patrol from Market St to Baltimore Avenue and from the Schuylkill River to 43rd St in conjunction with the Philadelphia Police. In this effort to provide you with a thorough and accurate report on public safety concerns, we hope that your increased awareness will lessen the opportunity for crime. For any concerns or suggestions regarding this report, please call the Division of Public Safety at (215) 898-4482.

05/08/18	1:10 AM	451 University Ave	Complainant reports being robbed at knifepoint
05/08/18	8:19 PM	3900 Locust Walk	Complainant touched inappropriately
05/11/18	9:03 PM	51 N 39th St	Nurse bitten on index finger/Arrest

18th District

Below are the Crimes Against Persons from the 18th District: 10 incidents (1 indecent assault, 1 rape, 3 assaults, 5 robberies) with 1 arrest were reported between **May 7-13, 2018** by the 18th District covering the Schuylkill River to 49th Street & Market Street to Woodland Avenue.

05/07/18	1:03 AM	16 St 46th St	Robbery
05/07/18	1:30 AM	3549 Chestnut St	Robbery/Arrest
05/07/18	11:25 AM	4700 Locust St	Rape
05/08/18	1:10 PM	449 University Ave	Robbery
05/08/18	6:27 PM	39th & Locust Walk	Indecent Assault
05/08/18	9:39 PM	3813 Chestnut St	Assault
05/09/18	10:26 PM	4300 Ludlow St	Robbery
05/11/18	12:16 PM	4800 Cedar Ave	Robbery
05/11/18	8:39 PM	3400 Spruce St	Assault
05/12/18	10:36 AM	31 S 42nd St	Assault

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The University of Pennsylvania's journal of record, opinion and news is published Tuesdays during the academic year, and as needed during summer and holiday breaks. Its electronic editions on the Internet (accessible through the Penn website) include HTML, Acrobat and mobile versions of the print edition, and interim information may be posted in electronic-only form. Guidelines for readers and contributors are available on request and online.

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Photographs by Marguerite F. Miller



Penn Commencement 2018

See supplement in this issue for the Baccalaureate and Commencement speeches and more photographs.



Photograph by Louise Emerick

