

# UNIVERSITY OF PENNSYLVANIA *Almanac*

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## Establishing the Tara Miller Melanoma Center at Abramson Cancer Center

The Abramson Cancer Center at the University of Pennsylvania is establishing the Tara Miller Melanoma Center, which will focus on the accelerated development of novel therapies and improved clinical outcomes for patients with the deadliest form of skin cancer. The center is possible thanks to a generous gift from George and Debbie Miller in memory of their daughter, Tara, who passed away from melanoma in 2014. It also establishes the Tara Miller Professorship in Melanoma Research and Patient Care, ensuring Tara's legacy will live on forever.

Melanoma is the deadliest form of skin cancer. The American Cancer Society estimates more than 96,000 new melanomas will be diagnosed in the United States in 2019, while about 7,200 people are expected to die from the disease this year. Bringing together resources from across Penn Medicine, the Tara Miller Melanoma Center will support critical translational research, clinical initiatives and patient education and outreach opportunities for this disease. The center will provide the melanoma program with the resources to pilot new ideas



Tara Miller

and develop novel concepts in the laboratory, hopefully leading to new clinical innovations.

"Tara left a lasting impression on everyone who had the privilege to know her, and now the research being done in her name will have lasting effects for patients far into the future. We feel honored and inspired that Tara's name will forever be a part of our efforts to cure melanoma," said Lynn M. Schuchter, chief of hematology-oncology.

Tara Miller passed away from melanoma in October 2014 at the age of 29. Despite a challenging course of cancer treatments, Tara embodied her motto—"make the best of it"—with boundless energy. She was a passionate advocate for melanoma patients at Penn Medicine and beyond, inspiring those around her with her unimaginable strength and positivity while clearly articulating the importance of funding innovative melanoma research.

By establishing the Tara Miller Melanoma Center, her parents, Mr. and Mrs. Miller, as well as her sisters, Kristi and Lauren, continue their work on Tara's behalf as champions for the Abramson Cancer Center and the melanoma program. All four members of the family have served as members of the Abramson Cancer Center's Director's Leadership Council and were recognized for their commitment to advancing melanoma research at Philly Fights Cancer—Round 3 in 2017.

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## \$10 Million NIH Renewal to Penn Immunologist and Collaborators

Three of the top-10 causes of death worldwide are infectious diseases, with billions of people harboring potentially lethal pathogens such as the hepatitis B virus, malaria, tuberculosis, the influenza virus and HIV. Taking a creative approach to address this problem, Penn Medicine and colleagues at Oxford University and Massachusetts General Hospital have received an additional five-year round of funding totaling \$10 million from the National Institutes of Health (NIH) to explore using a promising cancer treatment to combat these dangerous viruses.

E. John Wherry, the chair of pharmacology at the Perelman School of Medicine of the University of Pennsylvania, will lead the Penn team in the collaboration to study the impact of an immunotherapy called PD-1 blockade on viral immunity in humans. This grant renewal is part of the NIH's Cooperative Centers for Human



John Wherry

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## Bill Cullina: Executive Director of Morris Arboretum

After a comprehensive international search, Morris Arboretum announced that William (Bill) G. Cullina has been appointed as the F. Otto Haas Executive Director of the Morris Arboretum effective July 8, 2019. Mr. Cullina succeeds Paul W. Meyer, who served the Arboretum for 43 years, 28 years as executive director.



Bill Cullina

Mr. Cullina comes to Morris Arboretum from the Coastal Maine Botanical Garden, where he has served as its president and CEO since 2011, and is well known as an author and lecturer. He possesses extensive experience in public garden leadership, fundraising, education and horticulture. During his tenure at the Coastal Maine Botanical Garden, he led the development of a comprehensive 20-year master plan and launched a \$50 million capital campaign to develop the first phase of the Master Plan. He completed a new \$4.2 million net-zero energy LEED platinum Education Center and grew annual attendance by 250% (206,000 visitors in

2018), and membership by 50% (6,300 member households).

Previously, Mr. Cullina was the nursery director and head propagator at New England Wildflower Society in Massachusetts. He is a recognized authority on North American native plants and lectures on a variety of subjects to garden and professional groups and writes for popular and technical journals. His books include *Wildflowers; Native Trees, Shrubs, and Vines; Understanding Orchids: An Uncomplicated Guide to Growing the World's Most Exotic Plants; Native Ferns, Mosses & Grasses; and Understanding Perennials: A New Look at an Old Favorite*. He co-authored *Coastal Maine Botanical Gardens: A People's Garden* in 2011.

Mr. Cullina's recent awards include: the Scott Medal for lifetime achievement in horticulture; the 2012 Perennial Plant Association's highest honor, the Award of Merit; the 2013 George Robert White Medal for "advancing horticulture in the broadest sense"; the Award of Excellence for advancing the goals of the National Garden Clubs of America, and in 2018 The Garden Club of America invited Mr. Cullina to become an honorary member.

Ellen Hass, chair of Morris Arboretum's Board of Advisors and chair of the search com-

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## Maayan Levy: 2019 Searle Scholar

Maayan Levy, an assistant professor of microbiology in the Perelman School of Medicine, has been named one of the 15 Searle Scholars for 2019. The Scholars will each receive an award of \$300,000 in flexible funding to support their work over the next three years. The Searle Scholars Program makes grants to selected universities and research centers to support the independent research of exceptional young faculty in biomedical sciences and chemistry who have recently been appointed as assistant professors on a tenure-track appointment.



Maayan Levy

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The following agenda is published in accordance with the Faculty Senate Rules. Any member of the standing faculty may attend SEC meetings and observe. Questions may be directed 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 Agenda**  
**Wednesday, May 15, 2019**  
**3-5 p.m.**  
**Glandt Forum (3rd floor),**  
**Singh Center for Nanotechnology**

1. Approval of the Minutes of April 17, 2019
2. Chair's Report
3. Past Chair's Report
4. Ballot: 2019-2020 University Council Steering Committee Members
5. *Faculty Handbook* Amendment: Faculty Parental Policy (Section II.E.4.)  
Discussion with Vice Provost for Faculty Anita Allen
6. Senate Committee Reports
  - a. Senate Committee on the Economic Status of the Faculty (SCESF)
  - b. Senate Committee on Students and Educational Policy (SCSEP)
  - c. Senate Committee on Faculty and the Academic Mission (SCOF)
  - d. Senate Committee on Faculty Development, Diversity, and Equity (SCFDDE)
  - e. Senate Committee on Faculty and the Administration (SCOA)
7. Discussion and recommendations for SEC's agenda for 2019-2020
8. Passing of the Torch and Concluding Remarks

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## Deaths

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### John F. Lubin, Wharton

John Francis Lubin, former associate dean of Wharton and emeritus professor of management who was with Penn for over 40 years, died April 22. He was 92.

Dr. Lubin served in the US Navy and was a World War II veteran. He earned his BA in electrical engineering from the College of Engineering at NYU in 1947, his MS in industrial management from the Massachusetts Institute of Technology in 1949 and his PhD in economics from the University of Pennsylvania in 1956.

Dr. Lubin first taught at Penn in 1949 as an instructor in industry at Wharton. After earning his PhD, he joined the faculty as an assistant professor and was promoted to associate professor in 1960. He became a full professor of management in 1968. He went on to serve as chair of the management department and was associate dean of the School for over 12 years. Dr. Lubin held a number of other positions within Wharton during his tenure, including professor of industry, member of the Operations Research faculty, director of Wharton International Affairs, and he was in charge of Information Systems.

Dr. Lubin held several secondary appointments during his time at Wharton, including professor of decision science and legal studies. He was associate director of the Management Science Center from 1961 to 1963, and he also served as director for Computing Activities for the entire University. He held numerous other positions at Penn, including chair of the Communications Committee of the University Council and for the Committee on Committees. Dr. Lubin was a member of the Committee on Operations Research of the Graduate Group in Economics in the Graduate School of Arts and Sciences and had much to do with establishing the Operations Research Option in the Wharton Graduate Division.

Beyond Penn, Dr. Lubin was a visiting associate professor at the Graduate School of Business at Stanford University from 1963 to 1964.

He served on the boards of directors of four New York Stock Exchange enterprises. He was a member of the board of trustees of EDUCOM, the inter-university communications council, was editor in chief of *Computing Reviews*, and was a member of the NSF-supported ACM Curriculum Committee on Computing Education and Management.

He served as a consultant to several organizations, including the US Air Force, the US Navy, Philadelphia Board of Education, the Auerbach Corporation, Bell Telephone Laboratories, International Business Machines Corporation, General Electric and Westinghouse. He retired from Penn in 1992, earning emeritus status at that time.

Dr. Lubin is survived by his wife, Jean; nieces and nephews Diana, James, Frank and Elizabeth, their spouses, their children, and great-nieces and great-nephews.

### Lawrence Singer, Dental

Lawrence Singer, former assistant clinical professor in restorative and cosmetic dentistry at Penn's School of Dental Medicine, died suddenly on April 10. He was 50.

Dr. Singer, a survivor of childhood cancer, went on to earn his BS in human development from Vanderbilt and his DMD from Penn's School of Dental Medicine. He founded a private practice in Washington, DC in 1995. While maintaining his practice he served as an assistant clinical professor in restorative and cosmetic dentistry at Penn's Dental School, 1998-2000.

At the time of his death, Dr. Singer was an assistant clinical professor of surgery at the George Washington University Hospital. His work there included treating facial trauma patients, performing reconstruction surgery on cancer patients and helping other medically compromised patients.

Dr. Singer is survived by his wife, Tonya; son, Maximillian; and daughter, Chloe.

## \$10 Million NIH Renewal to Penn Immunologist and Collaborators

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Immunology consortium.

The programmed cell death protein 1 (PD-1) is located on an immune cell's surface and plays a key role in restraining T cell activity. While this control of immune response can prevent autoimmune diseases, it can also block the immune system's ability to kill cancer cells. PD-1 inhibitors can thwart PD-1, ramping up the immune system's capacity to attack tumors.

"These medications have also shown early promise against infectious diseases," said Dr. Wherry. "But there is almost no information in humans about how targeting PD-1 affects immunity to viruses and vaccines."

The new grant aims to address this crucial gap in knowledge to improve prevention and treatment of infectious diseases. The primary goal is to apply PD-1 blockade in hepatitis B virus infection and flu vaccination, identifying innate and adaptive immune effects controlled by PD-1 signals in response to viruses and vaccines in people.

By studying humans, the new grant will seek to address a common challenge in basic biomedicine: Much research now only takes place in mice, making the translation of insights gained from animal studies to humans limited. "Flu and other respiratory infections alone kill up to half a million people globally each year," said Dr. Wherry. "Vaccines remain only partially effective, especially in the most vulnerable populations. Although we have learned a great deal about human immunology in the past several decades, we still have a long way to go."

### Bill Cullina: Morris Arboretum

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mittee said of Bill Cullina, "We have found a well-respected leader from the garden world with a proven record of success. He is an ideal choice to lead the Morris Arboretum in its next phase of growth."

Mr. Cullina assumes the role of executive director during an exciting time of growth at the Morris Arboretum. The current Ever Green campaign, which concludes in 2021, will generate significant resources for further investment in the Arboretum's gardens, research efforts and education offerings. An experienced senior management team, nationally regarded staff and engaged Board of Advisors are excited to welcome Mr. Cullina as he charts the course for this internationally renowned organization.

Marie Witt, vice president of business services at Penn, described Mr. Cullina as "a highly capable public garden professional with deep experience in research, education and community outreach. He will be a welcome addition to the Arboretum and to Penn."

Bill Cullina expounded on his new role, "I am thrilled and honored to be joining the Morris Arboretum as its executive director. It is truly a once-in-a-lifetime opportunity, and I am deeply grateful to the Board and University for selecting me as the next leader of this great institution. I cannot wait to get started!"

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### 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](mailto:almanac@upenn.edu)



## Commencement Invitation to Penn Community

To the University Community,

Penn's Commencement is a wonderful opportunity to gather together in recognition of the impressive accomplishments of our students. On behalf of the Trustees, Officers and Deans and their faculties, we would like to invite all members of the Penn community to attend the University's 263rd Commencement on *Monday, May 20, 2019*.

The Academic Procession steps forth from the Annenberg Center at 9 a.m., then pauses for approximately 45 minutes in front of College Hall to applaud the graduating students as they pass through our ranks. The procession then proceeds to Franklin Field, where the ceremony begins at 10:15 a.m.

If you would like to attend, please seek advance approval from your supervisor to assure that the business needs of your department will continue to be met. Whether you wish to join the festivities around Locust Walk and College Green or come to the ceremony itself (tickets are not necessary), we very much hope that you will join us in this University-wide celebration of the academic year.

Amy Gutmann, President  
Wendell Pritchett, Provost

Leslie Laird Kruhly, Vice President and University Secretary

### Trustees' Meetings Thursday, May 16, 2019 Class of 1949 Auditorium Houston Hall

The meetings below are open to the public. Please contact the Office of the University Secretary at (215) 898-7005 if you plan to attend.

9:30-11 a.m.  
Budget & Finance Committee

1:20-1:30 p.m.  
Meeting of the Executive Committee

### PPSA Call for Board Nominations Deadline Extended to May 8

Nominations are open for positions on the Penn Professional Staff Assembly (PPSA) Executive Board. All monthly-paid, full-time University staff members are eligible to participate.

The following positions are still open for nomination:

- PPSA Chair-Elect (one position, three-year term of service)
- Executive Committee Member At-Large (four positions, two-year term of service)

Service on a committee is a rewarding and enjoyable experience that requires only a couple hours per month. It is a wonderful opportunity to meet colleagues from across the University who will help to enrich your work life with Penn. More information is available at <http://ppsa.upenn.edu>

To nominate yourself or someone else, please fill out the form at <http://tinyurl.com/y2kah3sh>

The election for officers will occur following PPSA's annual meeting on *May 15* at noon in the Hall of Flags, Houston Hall. PPSA will be joined by Benoit Dubé, Penn's chief wellness officer. A registration link will be available soon.

### Tara Miller Melanoma Center

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"All of us at the Abramson Cancer Center remain proud and inspired to be so closely associated with Tara, and she's a reminder to us to work as hard as we can every day to make a difference for our patients," said Robert H. Vonderheide, director of the Abramson Cancer Center.

Ms. Miller founded the Tara Miller Melanoma Foundation to raise funds for critical melanoma research to change the odds for patients. The foundation hosted its inaugural "Make the Best of It Bash" in Atlantic City in July 2014, only a few months before she passed away, raising \$334,000 for research in the Abramson Cancer Center's Melanoma Program. Subsequent events have raised more than \$3 million over the past five years, and the Miller family covers all costs so that every dollar raised goes directly to research.

The Abramson Cancer Center celebrated the establishment of the new center on May 6, which is marked as "Melanoma Monday" across the United States.

### Maayan Levy: 2019 Searle Scholar

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The overall research interest in the Levy lab is to understand communication between the gut microbiome and host immunity, focusing on intestinal epithelial cells as mediators of this interaction. The research questions of her lab center on how the delicate balance between host defense against microbial invasion and tolerance to innocuous members of the microbiome nutrients is maintained by intestinal epithelial cells, and how, when this goes awry, chronic inflammatory diseases result. Dr. Levy received her doctoral degree from the Weizmann Institute of Science, Israel, before starting her lab at Penn in 2018. She has received the Rappaport Prize for Excellence in Biomedical Research, the Dimitris N. Chorafas Foundation Award and the Keystone Symposia Future of Science Fund Scholarship.

### Andrew Moravcsik: PWH Distinguished Scholar In Residence

Perry World House has announced that Andrew Moravcsik, professor of politics and director of the European Union Program at Princeton University, will be its Distinguished Scholar In Residence for the 2019-2020 academic year. Dr. Moravcsik's appointment reflects both the breadth and depth of his scholarship and Perry World House's



Andrew Moravcsik

long-standing commitment to bringing scholars to the University of Pennsylvania to pursue research of particular scholarly and policy relevance.

"Andy is a remarkable scholar, one who has helped generations of students, readers and policymakers understand our world and Europe in particular. In fact, as his student and teaching assistant years ago, Andy taught me everything I know about international relations. He is a fabulous teacher and incredible mentor," said William Burke-White, Richard Perry Professor and Inaugural Director of Perry World House. "During his year here at Penn, Andy will contribute to the rich exchange of ideas that makes Perry World House unique and work on research on the present and future of the European Union, and the implications for transatlantic relations and world order. These topics are vital at a time of change in the domestic and global politics."

PWH's Visiting Scholars program invites academics from universities in the United States and abroad whose work relates to Perry World House's research to spend time at Penn. These Visiting Scholars advance their own research agendas and expand the perspectives of Penn faculty and students with ideas, insights and thinking from around the globe.

As a professor of politics and international affairs at Princeton, Dr. Moravcsik received the Stanley Kelley Prize for Undergraduate Teaching, was a Founding Director of Princeton's European Union Program and served on the Faculty Council for the Woodrow Wilson School. Before arriving at Princeton, he received his PhD from Harvard and served as a US government trade negotiator, special assistant to the deputy prime minister of Korea and press assistant at the European Commission.

Dr. Moravcsik has authored over 125 publications, four books and more than 150 opinion pieces and policy analyses focused on European integration, international relations theory, human rights and international law, among many other topics. His landmark book *The Choice for Europe: Social Purpose and State Power from Messina to Maastricht* continues to have implications at a time of Brexit and other convulsions in the European community. He also conducts academic research on the sociology of classical music, especially opera.

### Treasurer for WPPSA 2019-2020: May 9

The Weekly Paid Professional Staff Assembly is looking for an individual to serve as treasurer for the 2019-2020 year. They have filled all of the Executive Board and University Committee leadership positions for next academic year except for this one.

The Treasurer is the fourth executive officer of the WPPSA and is accountable and responsible for handling the finances and maintaining all financial records of the Board. Such records should be made available for audit upon request from the Board. This is a shared position with another elected official, but each individual has equal authority.

If you are interested, please send an email to Laura Naden ([Inaden@upenn.edu](mailto:Inaden@upenn.edu)) with a statement of interest and a short biography by end of business day, *Thursday, May 9*. Voting for the treasurer position will be conducted online May 10-20.

# Honors & Other Things

## **Regina Cunningham, Marcus Henderson: Committee on the Future of Nursing**

*Regina Cunningham* (GR'03), chief executive officer of the Hospital of the University of Pennsylvania (HUP), and *Marcus Henderson* (Nu'17, GNU'20) have been appointed to the committee on the Future of Nursing 2020-2030. This ad hoc committee of the National Academies of Sciences, Engineering, and Medicine will examine the lessons learned from the Future of Nursing Campaign for Action, as well as the current state of science and technology to inform their assessment of the capacity of the profession to meet the anticipated health and social care demands from 2020 to 2030. As part of its duties, the committee is scheduled to hold three regional town halls, including a stop at Penn Nursing on *Wednesday, July 24*.

In developing its recommendations, the committee will draw from domestic and global examples of evidence-based models of care that address social determinants of health, resulting in a path for the nursing profession that will help our nation create a culture of health, reduce health disparities, and improve the health and well-being of the US population. The study is sponsored by the Robert Wood Johnson Foundation.

## **Justin Escobar, Alec Robin: ADEA/GlaxoSmithKline Consumer Healthcare Scholarships**

*Justin Escobar* (D'19) and *Alec Robin* (D'19) were among 12 students nationwide selected to receive 2019 ADEA/GlaxoSmithKline Consumer Healthcare Preventive Dentistry Scholarships, which support predoctoral dental students who have demonstrated academic excellence in preventive dentistry.

Mr. Escobar, who is pursuing a master of public health along with his DMD, has been active in preventive dentistry projects throughout his time at Penn Dental Medicine. As a Bridging the Gaps intern after his first year, he explored the ways in which interdisciplinary care can be incorporated in health care for underserved communities, working at Public Citizens for Children and Youth, an advocacy organization for children, on a campaign advocating for undocumented children. As a part of his public health capstone project, he worked on a project measuring the oral literacy of parents in the pediatric clinic. Mr. Escobar has also worked with HIV patients at Philadelphia FIGHT dental clinic.

Mr. Robin has focused primarily on programs that impact children. Throughout his four years, he has been active in the Give Kids a Smile program, which annually provides a day of free oral care to children in the community. As part of that program, he created a "Parents Corner" in the pediatric waiting room and an educational flier for every child's goodie bag. Mr. Robin has also been an active volunteer in providing hands-on oral health education through a variety of programs, including at federally qualified health clinics, the Special Olympics, health fairs and the Early Head Start Program. As a fourth-year student, he has increased his work with the School's PennSmiles program.

Both students will be entering pediatric dentistry postdoctoral programs after graduation; Mr. Robin will be attending Penn Dental Medicine and Mr. Escobar will be going to Children's Hospital Colorado.

## **FactCheck.org: Webby Award**

For the sixth straight year, *FactCheck.org* has won the Webby Award for best News & Politics website from the International Academy of Digital Arts and Sciences. The Webby Awards honor excellence on the internet, including websites, advertising, apps, videos and more.

The 23rd annual Webby Awards received more than 13,000 entries from all 50 states and from 70 countries. In 2019, three million votes were cast by nearly one million internet users spanning 240 countries for the People's Voice Award in each category, making this year's competition "the biggest in our history," according to the academy.

Including this year's recognition, *FactCheck.org* has won the judges' Webby Award a total of 10 times. *FactCheck.org* has also won the People's Voice Award 10 times in previous years.

## **Tatiana Fraga Diez: Steering Committee, World Economic Forum's Global Shapers**

*Tatiana Fraga Diez*, a student in the non-profit leadership program at Penn's School of Social Policy & Practice, has been appointed to the Education and Employment Steering Committee of the Global Shapers Community, a network of young leaders supported by the World Economic Forum.

The Global Shapers Community spans more than 7,000 members in more than 360 regional hubs internationally. In each location, teams of Shapers organize around projects that directly address the needs of their respective communities. Regional hubs also seek out opportunities to have global impact through collaborating with hubs in other locations and connecting with each other through joint initiatives and events.

Ms. Fraga Diez first became involved with the Global Shapers Community in 2018. She was selected as a Global Shaper to the local hub in Monterrey, Mexico, where she worked for a local nonprofit after earning her bachelor of arts in international relations from El Colegio de México.

In her new position within the Education and Employment Steering Committee, Ms. Fraga Diez will be tasked with delineating the goals and agenda on these topics for the entire network of Global Shapers and all of their local hubs.

## **William James: AAD Master Dermatologist and Mentor of the Year Awards**

*William D. James*, the Paul R. Gross Professor of Dermatology in PSOM, received two honors, including one that will now bear his name, in recognition of his significant contributions to the field of dermatology. This month, Dr. James received the American Academy of Dermatology's (AAD) Master Dermatologist award, and he is first recipient of the William D. James, MD, Mentor of the Year Award also from the AAD, which was established in recognition of



*William James*

his career-spanning dedication to mentoring of students, residents and junior faculty. In addition to his past service as president of the AAD, Dr. James has delivered more than 300 invited lectures, published more than 265 articles and 35 book chapters, and has written or edited 24 books, including multiple editions of the foundational textbook *Andrews' Disease of the Skin*. He is the founding editor of the internet-based *Emedicine Textbook of Dermatology*, and currently serves as editor-in-chief of *Medscape Dermatology Reference*.

## **Terri Lipman, Inthedance: Provost-Netter Center Faculty- Community Partnership Award**

Penn Provost Wendell Pritchett and Netter Center director Ira Harkavy named *Terri Lipman* of Penn's School of Nursing and her partners at Inthedance, LLC as the recipients of the 2019 Provost-Netter Center Faculty-Community Partnership Award. The \$10,000 prize is split between the faculty member and the community partner.

Dr. Lipman is the assistant dean for community engagement, the Miriam Stirl Endowed Term Professor of Nutrition and a professor of nursing of children. She also maintains a clinical practice as a pediatric nurse practitioner in the division of diabetes and endocrinology at CHOP.

Dr. Lipman was recognized for her outstanding engagement of Penn nursing students and faculty in Academically Based Community Service (ABCS) partnerships that work to improve community health, as well as for the quality and sustainability of her community partnerships, and the positive impact on both physical and mental health for all participants involved. She has taught ABCS courses continuously since 2006 and has helped grow the total number of ABCS courses in the School of Nursing from five to 11 since assuming the role of assistant dean for community engagement in 2015.

Inthedance, LLC was founded in 2002 as a movement and dance program that offers innovative ways to enhance physical exercise, range of motion, balance and body mechanics through dance. As a component of her ABCS teaching and research, Dr. Lipman and her partners at Inthedance, LLC launched the intergenerational Dance for Health (DFH) program at the Sayre Recreation Center in 2012 to increase access to physical activity. Since that time, DFH has expanded to four additional sites in West Philadelphia, engaged over 700 participants, and demonstrated a positive impact on cardiovascular health, memory, social support, and anxiety reduction.

## **X. Sherry Liu: Kappa Delta Young Investigator Award**

*X. Sherry Liu*, an associate professor of orthopaedic surgery and bioengineering in PSOM, received the Kappa Delta Young Investigator Award at the American Academy of Orthopaedic



*Terri Lipman*

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dic Surgeons (AAOS) 2019 annual meeting in Las Vegas. The Kappa Delta Award is bestowed upon physicians for “outstanding manuscripts that focus on basic and/or clinical research related to the musculoskeletal system.” The manuscript by Dr. Liu and her co-authors, Yihan Li, a graduate student in her lab, and Chantal de Bakker, a former Penn graduate student, “Understanding Functional Adaptation of Maternal Bone to Reproduction and Lactation,” identified the different ways a woman’s body counteracts losses in bone mineral density as a result of pregnancy and lactation. Dr. Liu and her co-authors were awarded \$20,000.

### Barbara Medoff-Cooper: STEM Entrepreneurship Challenge 1st Place

Penn Nursing’s *Barbara Medoff-Cooper*, professor emerita, and her business partner, Caroline Hoedemaker, recently took the top prize in the The Association for Women in Science—Central Jersey Chapter’s (AWIS-CJC) 2019 Women in STEM Entrepreneurship Challenge for Neoneur, which provides a means to measure neurological development using oral feeding-based biomarkers. Neoneur improves clinical care for premature and at-risk infants who struggle to orally feed successfully, and it provides a means to detect potential developmental delays. Lack of oral feeding success is the leading cause for delay of discharge from the neonatal intensive care units for premature and surgical infants.



*Barbara Medoff-Cooper*

Dr. Medoff-Cooper first developed the device with Penn Engineering’s Jay Zemel and patented it in 2013. It assesses both newborn neurological development and oral feeding capability measuring the physical characteristics an infant needs to coordinate oral feeding without respiratory distress: sucking, swallowing and breathing.

The Neoneur is a safe, easy to use, affordable device that is envisioned for use first in the hospital, and longer term to transition with the infant to the home. It measures natural rhythmic biomarkers that signal brain maturation, such that the infant can safely be discharged from the hospital and be orally fed in the home setting.

The Women in STEM Entrepreneurship Challenge is designed to encourage women who have embraced or plan to lead entrepreneurial ventures involving a STEM component. Neoneur received its award during the March 25 ceremony at the New Jersey State House.

### Accessing *Almanac* Online

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### Li Shen: AIMBE College of Fellows

*Li Shen*, a professor of informatics in PSOM, was named to the College of Fellows of the American Institute for Medical and Biological Engineering (AIMBE). Dr. Shen was officially inducted on March 25 during a ceremony at the AIMBE annual meeting in Washington, DC. His peers, who nominated and elected him, lauded his work in the “development of bioinformatics strategies for multidimensional brain imaging genomics.”

### Tree Campus USA Recognition

Tree Campus USA, an Arbor Day Foundation program, recently honored *Penn* for the 10th consecutive year for promoting healthy trees and engaging students and staff in the spirit of conservation. The University met the five required core standards for sustainable campus forestry, including establishment of a tree advisory committee, evidence of a campus tree-care plan, dedicated annual expenditures for its campus tree program, an Arbor Day observance and the sponsorship of student service-learning projects.

### The Newly Retired Faculty

*The following faculty retired during the 2018-2019 academic year. The year each one joined the Penn faculty ranks is noted in parentheses.*

Paul Allison, Professor Emeritus, Sociology, SAS ('81)  
 Stanley Aukburg, Associate Professor C-E Emeritus, Anesthesia, PSOM ('75)  
 Portonovo Ayyaswamy, Professor Emeritus, Mechanical Engineering and Applied Mechanics, SEAS ('74)  
 Hobart Baluarte, Professor C-E Emeritus, Pediatrics, PSOM ('01)  
 Janice Bellace, Professor Emerita, Legal Studies & Business Ethics, Wharton ('75)  
 Judy Bernbaum, Professor C-E Emerita, Pediatrics, PSOM ('75)  
 Andrew Binns, Professor Emeritus, Biology, SAS ('80)  
 Kevin Brownlee, Professor Emeritus, Romance Languages, SAS ('87)  
 Rebecca Bushnell, Professor Emerita, English, SAS ('82)  
 Christopher Croke, Professor Emeritus, Mathematics, SAS ('80)  
 Zoltan Domotor, Professor Emeritus, Philosophy, SAS ('69)  
 Dawn Durain, Advanced Senior Lecturer, Family and Community Health, Nursing ('00)  
 Sydney Evans, Professor Emerita, Radiation Oncology, PSOM ('00)  
 Larry Gladney, Professor Emeritus, Physics and Astronomy, SAS ('88)  
 Eli Glatstein, Professor Emeritus, Radiation Oncology, PSOM ('96)  
 Gregory Guild, Professor Emeritus, Biology, SAS ('79)  
 Michael Meister, Professor Emeritus, History of Art, SAS ('76)  
 Kenneth Lande, Professor Emeritus, Physics and Astronomy, SAS ('59)  
 Caryn Lerman, Professor Emerita, Psychiatry, PSOM ('01)  
 Michael Levine, Professor C-E Emeritus, Pediatrics, PSOM ('08)  
 Marc Levine, Professor C-E Emeritus, Radiology, PSOM ('78)  
 Warren Levy, Associate Professor C-E Emeritus, Anesthesia, PSOM ('75)  
 Alexander Mamourian, Professor C-E Emeritus, Radiology, PSOM ('07)  
 Katherine Margo, Associate Professor C-E Emerita, Family Medicine, PSOM ('00)  
 Rebecca Maynard, Professor, Education, GSE ('93)  
 William Mccool, Associate Professor C-E Emeritus, Family and Community Health, Nursing ('95)  
 Sarah Millar, Professor Emerita, Dermatology, PSOM ('99)  
 Wallace Miller, Jr, Professor C-E Emeritus, Radiology, PSOM ('92)  
 Jonathan Palmer, Associate Professor, Clinical Studies-New Bolton Center, Vet ('78)  
 Nicholas Papanicolaou, Professor C-E Emeritus, Radiology, PSOM ('02)  
 Bruce Pawel, Associate Professor C-E Emeritus, Pathology & Laboratory Medicine, PSOM ('02)  
 Karl Rickels, Professor Emeritus, Psychiatry, PSOM ('55)  
 Anil Rustgi, Professor Emeritus, Gastroenterology, PSOM ('99)  
 Jorge Santiago, Associate Professor Emeritus, Electrical and Systems Engineering, SEAS ('85)  
 Mark Schreiner, Associate Professor C-E Emeritus, Anesthesia, PSOM ('78)  
 Suzanne Shepherd, Professor C-E Emerita, Emergency Medicine, PSOM ('95)  
 Wen Shieh, Professor, Chemical and Biomolecular Engineering, SEAS ('83)  
 Gail Slap, Professor C-E Emerita, Pediatrics, PSOM ('90)  
 Steven Sondheimer, Professor C-E Emeritus, Obstetrics and Gynecology, PSOM ('75)  
 Thomas Spray, Professor Emeritus, Surgery Administration, PSOM ('94)  
 John Steele, Professor Emeritus, Statistics, Wharton ('90)  
 Bruce Turetsky, Associate Professor C-E Emeritus, Psychiatry, PSOM ('91)  
 Ralph Verdino, Associate Professor C-E Emeritus, Cardiovascular Medicine, PSOM ('99)  
 Ann Marie Walsh Brennan, Practice Professor, Biobehavioral and Health Sciences, Nursing ('97)  
 Mariusz Wasik, Professor C-E Emeritus, Pathology & Laboratory Medicine, PSOM ('93)  
 Eric Weinberg, Professor Emeritus, Biology, SAS ('79)  
 George Woody, Professor C-E Emeritus, Psychiatry, PSOM ('71)  
 Donald Younkin, Professor C-E Emeritus, Neurology, PSOM ('77)  
 Robert Zimmerman, Professor C-E Emeritus, Radiology, PSOM ('72)

## Penn Reading Project 2019: *Weapons of Math Destruction*/The Year of Data

**The Year of Data:** Penn students spend not only their undergraduate careers but also their entire lives exposed to data in its many forms, and they need to be able to understand, use, manipulate, and draw conclusions from those data. We need to help them understand how data are created, collected, shared, accessed, visualized, monetized, leveraged, and effectively communicated. *The Year of Data* is an opportunity to make sure our students have the knowledge and skills they need to be successful at Penn and in life beyond. It encompasses qualitative and quantitative data, numerical data, biometric information, geospatial data, climate data, corporate profit projections, and even anecdotes, images and stories, in such areas as:

- a field scientist taking measurements and collecting samples
- a literature student working in text analysis
- a historian mapping data from historical records
- a data scientist using big data to micro-target consumers to drive sales
- a political scientist studying how Facebook data can influence elections
- a public policy analyst using census data to measure impact in a community
- a philosopher examining the ethics of privacy in data analytics

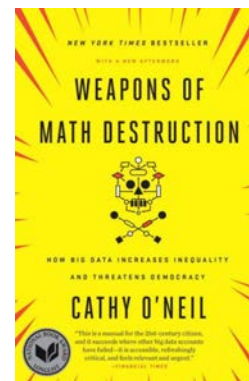
***Weapons of Math Destruction* by Cathy O'Neil:** We live in the age of the algorithm. Increasingly, the decisions that affect our lives—where we go to school, whether we get a car loan, how much we pay for health insur-

ance—are being made not by humans but by mathematical models. In theory, this should lead to greater fairness: Everyone is judged according to the same rules, and bias is eliminated.

But as Cathy O'Neil reveals in this urgent and necessary book, the opposite is true. The models being used today are opaque, unregulated and uncontested, even when they're wrong. Most troubling, they reinforce discrimination: For example, if students can't get a loan because a lending model deems them too risky (by virtue of their zip code), they can then be cut off from the kind of education that could help them advance, creating a "toxic cocktail for democracy."

Our students will be the ones not only gathering and analyzing data but also creating the algorithms that govern critical aspects of our lives. We must imbue them with an awareness of how data affect us and with a sense of responsibility to use their skills to enhance our society.

—David Fox, PRP Director



## Climate Action Plan Progress Presented in Penn Sustainability Annual Report FY18

Following is the progress through FY18 on the 2014 University-wide Climate Action Plan 2.0 environmental goals.

Carbon emissions, academic course selection, physical environment and advances in waste minimization are areas of significant achievement against the goals of the University of Pennsylvania's Climate Action Plan, said the Penn Sustainability Office.

The Penn Sustainability Office has just released the Penn Sustainability Annual Report FY18, based on data and metrics from fiscal year 2018 gathered from across many academic and administrative units at Penn. The *Penn Sustainability Annual Report FY18* documents Penn's progress towards the goals of the 2014 *Climate Action Plan 2.0*, tracking metrics in Academics, Utilities and Operations, Physical Environment, Purchasing Practices, Waste Minimization & Recycling, Transportation and Outreach and Engagement.

"With this Sustainability Report, Penn is tracking progress on our *Climate Action Plan 2.0* goals, and providing public, transparent reporting of our sustainability initiatives," explained Anne Papageorge, vice president of Penn's Division of Facilities & Real Estate Services.

This report is intended to be an annual, comprehensive, graphic and concise presentation of progress in key metrics during the previous fiscal year. Some highlights include:

### Carbon Emissions

**CAP 2.0 Goal:** Achieve the following reductions in carbon emissions from campus buildings (absolute)

- 7% reduction by 2019 in comparison to the FY14 baseline.
- 18% reduction by 2042 in comparison to the FY14 baseline.

### FY18 Progress:

- Carbon emissions from campus buildings decreased by more than 11% when compared to the 2014 baseline.

### Academic Programs for Sustainability

**CAP 2.0 Goal:** Expand opportunities for teaching, learning and researching sustainability among students, staff and faculty.

### FY18 Progress:

- There are now 103 new courses included in the Penn Sustainability Course Inventory, totaling 401 courses related to environmental sustainability. This is a 220% increase since 2014.
- In the Integrating Sustainability Across the Curriculum (ISAC) program, faculty members work with undergrad and grad research assistants to incorporate sustainability into new and existing courses. Since 2014, ISAC has supported 16 new courses and 34 existing courses.
- FY2018 saw the launch of the Water Center at Penn (WCP) and the expansion of the Hayden Scholars. WCP studies water source protection, stormwater management, and public and private water utilities; Hayden Scholars, the department of earth science's undergraduate summer program, advanced from a pilot to a fully-subscribed program, with eight students participating.

### Physical Environment

**CAP 2.0 Goal:** Create and maintain a sustainable campus by increasing green space, decreasing building energy consumption and increasing education and awareness of sustainable design.

### FY18 Progress:

Penn added three LEED projects in 2018, bringing the total to 25 certified or with a certification pending. The three projects, Hill College House, Robbins House and the Evans Building Centennial Century Bond Renovation, all earned Gold certification.

Penn's main campus earned Level II Arboretum Status in 2018 through the ArbNet certification process. This is an increased rating from the Level I earned in 2017.

### Waste Minimization & Recycling

**CAP 2.0 Goal:** Improve Penn's environmental performance by minimizing solid waste through community education, strategic purchasing, appropriate infrastructure and proper disposal, strengthened by relevant and accurate metrics.

### FY18 Progress:

- Pre-consumer (kitchen) composting at Penn Dining Cafés and local restaurants serviced by Penn diverted 100 tons from landfills in 2018.

A PDF of the Penn Sustainability Annual Report FY18 is available on the Penn Sustainability website.

Penn Sustainability is a University-wide initiative to advance environmental sustainability at the University of Pennsylvania and coordinate programs to develop a more sustainable campus. Visit [sustainability.upenn.edu](https://sustainability.upenn.edu)

## PHOS Spring Housing Fair at Penn Presbyterian Medical Center: May 15

Members of the University of Pennsylvania and the University of Pennsylvania Health System communities are invited to the 2019 Spring Housing Fair hosted by Penn Home Ownership Services (PHOS). This annual event will be held on *Wednesday, May 15, 11 a.m.-2 p.m.*, at the Penn Presbyterian Medical Center, W-136, located at 51 N. 39th Street in the area across from the cafeteria.

The Fair is a convenient one-stop resource for attendees to meet face to face with representatives from PHOS, its featured lenders and other exhibitors who will be on premises to address questions about the home buying process, along with the Forgivable Loan and Closing Cost Reduction Programs provided through the PHOS office.

Admission to the event is free. Please visit [www.upenn.edu/homeownership](https://www.upenn.edu/homeownership) or call (215) 898-7422 for more information.

## 2019 Green Purchasing Awards Call for Nominations: June 28

Call for nominations are now open for Penn's Green Purchasing Awards. Now in its fifth year, the program is held in conjunction with the Environmental Sustainability Advisory Committee (ESAC) Purchasing Subcommittee and the Green Campus Partnership. This award recognizes the leading actions of any individual and/or team that advances the development of sustainable purchasing practices at Penn. This award program is a chance to spotlight those who are championing sustainability across campus, as well as to celebrate projects that are contributing to a more sustainable future. Visit <https://tinyurl.com/y4fpad59> to view the past recipients of the award—some of these achievements may inspire you to submit your colleagues' work for consideration.

Visit the Green Purchasing Award web page at <https://tinyurl.com/y3due63c> to review the nomination guidelines and for information about the submittal process. Nominations will remain open until *Friday, June 28, 2019*. Award recipients will be honored at the Penn Purchasing Supplier Show in September.



## Arthur Tress Collection Gift of Japanese Illustrated Books to Penn Libraries

With the gift of the Arthur Tress Collection of Japanese Illustrated Books, the Penn Libraries has secured one of the best—if not the best—most complete, and widest-ranging collections of Japanese illustrated books in the United States. The Tress gift joins recent gifts of Japanese prints to form an exceptional collection of the Japanese graphic arts spanning the past four centuries, transforming Penn into one of the leading institutions in the world for this rare and important material.

Acclaimed photographer Arthur Tress began collecting Japanese illustrated books in 1965 when he was visiting Kyoto.

For more than 50 years, Mr. Tress collected widely and with an eye for quality and rarity to amass an extensive collection of over 1,400 titles dating from the late 17th century through the 1930s that has now been appraised at \$1.5 million. The collection includes popular illustrated books, such as novels, guidebooks, theater books, and the like; deluxe limited-edition poetry, erotica and artist-centered books; exquisite editions of books on kimono design; and much more. There are examples of every kind of book produced between the mid-17th century to the early 20th century, making this an exceptionally comprehensive collection. It includes rarities such as a period woodblock and a metal

movable type early modern Korean book.

Among the most famous of the titles are Shusui's *Tales of Ise* (1767), Hosan's *Famous Views of Bitchu* (1822), Rinsho's *Book of Caricatures* (1770), Hokkei's *Tokiwa no taki* (1833), Hōitsu's *Drawing Book of Oson* (1816), Hokusai's *One Hundred Views of Mt. Fuji*, Ryūsui's *Treasures of the Sea* (1774) and others.

In the spring of 2017, Mr. Tress was seeking a new home for his collection. He reached out to Julie Nelson Davis, professor of the history of art at Penn, a leading researcher in Japanese material culture, after reading her book *Partners in Print: Artistic Collaboration and the Ukiyo-e Market* and realizing they both were deeply interested in the genre.

"Working closely with Kislak Center curators, Julie has built a wonderful collection of Japanese books and prints," said Will Noel, associate vice provost for external partnerships, director of the Kislak Center for Special Collections, Rare Books and Manuscripts, and director of the Schoenberg Institute for Manuscript Studies. "Not only will Arthur's gift add significantly to our holdings, it will profoundly enrich Julie's collaborations with her colleagues as they train the next generation of scholars."

When Dr. Davis visited Mr. Tress at his home to assess the collection, she was amazed. "The best of the collection is on par with the finest printings in the Pulverer Collection of the Japanese Illustrated Book held at the Freer and Sackler Galleries at the Smithsonian, the Spencer Collection in the New York Public Library, the Ravicz Collection at the Chiba City Museum of Art, in Japan, and the Vershbow Collection at the Metropolitan Museum of Art," said Dr. Davis. "However, the Tress collection surpasses these in their range, as Arthur selected works of illustrated fiction, erotica, humor and



Totoya Hokkei, *Tokiwa no taki*, 1833; woodblock illustrated book, ink and color on paper.

Arthur Tress Collection of Japanese Illustrated Books, Kislak Center, University of Pennsylvania Libraries

other works that those other noted collections do not include."

A year later, Mr. Tress visited Penn and decided to give the entire ninety-box collection to the Kislak Center. Dr. Davis and her team of graduate students made the first-ever complete inventory of the collection. In the process, they encountered many of the finest printings of acclaimed masterworks and discovered many titles not held in any other collection—even in Japan.

Dr. Davis is currently working with her graduate students on an exhibition featuring masterworks from the collection, accompanied by Mr. Tress's photographs. It is anticipated to be on display spring 2021 in the Goldstein Family Gallery in the Kislak Center.



Arthur Tress, self-portrait, 2018.

copyright Arthur Tress Trust 2018

### 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 April 22-28, 2019. Also reported were 18 incidents (11 thefts, 2 frauds and 5 other offenses) with 7 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 April 22-28, 2019. 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.

04/25/19	2:32 PM	4200 Pine St	Headphone snatched from complainant
04/27/19	3:56 AM	3900 Walnut St	Offender made threats to complainant

#### 18th District

**Below are the Crimes Against Persons from the 18th District:** 6 incidents (3 robberies, 2 assaults and 1 domestic assault) were reported between April 22-28, 2019 by the 18th District covering the Schuylkill River to 49th Street & Market Street to Woodland Avenue.

04/22/19	10:17 AM	3948 Market St	Domestic Assault
04/22/19	11:48 PM	4300 Locust St	Robbery
04/23/19	8:41 AM	3401 Civic Center Blvd	Assault
04/23/19	7:14 PM	46th and Market Sts	Assault
04/25/19	2:32 PM	4200 Pine St	Robbery
04/26/19	9:57 PM	4637 Spruce St	Robbery

### Almanac

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URL: [www.upenn.edu/almanac](http://www.upenn.edu/almanac)

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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# 263rd Commencement

## University of Pennsylvania Commencement Events 2019

### School Ceremonies and Speakers

#### Baccalaureate Ceremony

##### Sunday, May 19

Irvine Auditorium

1:30-2:30 p.m.—Ceremony for students whose last names begin with A-K

3-4 p.m.—Ceremony for students whose last names begin with L-Z

*Speaker:* Denis Mukwege, Nobel Peace Prize co-Laureate 2018; recipient, 2016 Penn Nursing Renfield Foundation Award for Global Women's Health

#### Commencement

##### Monday, May 20

Franklin Field, 9 a.m.

*Speaker:* Bryan Stevenson, public interest lawyer and author; founder and executive director, The Equal Justice Initiative, which in 2018 created the Legacy Museum and National Memorial for Peace and Justice

#### Honorary Degree Recipients

*Jon Bon Jovi*, Grammy Award-winning singer-songwriter, founder of the band Bon Jovi; chair, Jon Bon Jovi Soul Foundation, 2018 Rock and Roll Hall of Fame Inductee—Honorary Doctor of Music

*Temple Grandin*, advocate, public speaker and author; professor of animal science, Colorado State University—Honorary Doctor of Sciences

*Richard Lugar*, the late six-term United States Senator (retired); president, The Lugar Center; recipient, Presidential Medal of Freedom—Honorary Doctor of Laws (posthumously)

*Denis Mukwege*, gynecological surgeon and human rights activist; founder, Panzi Hospital and the Panzi Foundation; 2018 Nobel Peace Prize Laureate; recipient, 2016 Penn Nursing Renfield Foundation Award for Global Women's Health—Honorary Doctor of Sciences

*Laurie Olin*, landscape architect, teacher and author; practice professor of landscape architecture (retired), Weitzman School of Design, Penn; recipient, National Medal of Arts—Honorary Doctor of Arts

*Bryan Stevenson*, public interest lawyer and author; founder and executive director, The Equal Justice Initiative, which in 2018 created the Legacy Museum and National Memorial for Peace and Justice—Honorary Doctor of Laws

*Neville Earl Strumpf*, advocate and expert in care of older adults; professor of nursing (retired) and interim dean, 2000-2001, School of Nursing, University of Pennsylvania—Honorary Doctor of Sciences

*Jill Cornell Tarter*, astronomer; former director, Center for SETI Research; Bernard M. Oliver Chair, SETI Institute—Honorary Doctor of Sciences

For additional information on Commencement 2019, visit the Commencement website [www.upenn.edu/commencement](http://www.upenn.edu/commencement) or call (215) 898-7006.

#### Annenberg School for Communication

*Bachelor of Arts Ceremony:* Sunday, May 19, 10 a.m., Zellerbach Theatre, Annenberg Center  
*Speaker:* Dylan Hewitt, C'14, director of Inter-governmental Relations for NYC Comptroller

*Reception:* Agora, Annenberg Public Policy Center, following the ceremony  
*PhD Ceremony:* Monday, May 20, 1:30 p.m., Room 110, Annenberg School

*Reception:* Agora, Annenberg Public Policy Center, noon-1:30 p.m.

#### School of Arts & Sciences

*College of Arts and Sciences Ceremony:* Sunday, May 19, 6:30 p.m., Franklin Field  
*Class of 2019 Speaker:* Hannah Sweeney, C'19  
*Speaker:* Stacey Snider, C'82 PAR'19, Film Studio Executive

*Graduate Division, SAS Ceremony:* Saturday, May 18, 1 p.m., Irvine Auditorium

*Speaker:* Deborah A. Thomas, professor of anthropology; director of the Center for Experimental Ethnography at Penn  
*Liberal and Professional Studies Ceremony:* Sunday, May 19, 4-5:30 p.m., Zellerbach Theatre, Annenberg Center  
*Speaker:* Cristina Bicchieri, SJP Harvie Professor of Social Thought and Comparative Ethics at Penn

*Fels Institute of Government*

*Ceremony:* Sunday, May 19, 9:30 a.m.,

National Constitution Center

*Speaker:* US Sen. Christopher Coons of Delaware

#### School of Dental Medicine

*Ceremony:* Monday, May 20, 1 p.m., Irvine Auditorium

*Speakers:* Anthony Welters, executive chairman at BlackIvy Group, LLC

Anita L. Allen, Vice Provost for Faculty and Henry R. Silverman Professor of Law and Professor of Philosophy

*Reception:* Immediately following the ceremony, Robert Schattner Center, Henry Schein Atrium and Schattner Pavilion

#### Stuart Weitzman School of Design

*Ceremony:* Saturday, May 18, 6-8:30 p.m., Irvine Auditorium

*Speaker:* Stuart Weitzman, W'63 Chairman Emeritus, Stuart Weitzman, LLC

*Pre-Ceremony Reception:* Saturday, May 18, 4:30-5:30 p.m., Meyerson Hall

*Post-Ceremony Reception:* Saturday, May 18, 8:30-10 p.m., Meyerson Hall

#### Graduate School of Education

*Ceremony:* Saturday, May 18, 9 a.m., Palestra  
*Reception:* Immediately following the ceremony, Penn Commons

*Speaker:* Na'ilah Suad Nasir, President of the Spencer Foundation

#### School of Engineering & Applied Science

*Undergraduate Ceremony:* Saturday, May 18, 2-4 p.m., Palestra

*Speaker:* Egbert L.J. Perry, Chairman and CEO, Integral

*Student Speaker:* Johnathan Chen, M&T'19 (Electrical Engineering & Business)

*Open House and Luncheon:* noon-1:30 p.m. in the Engineering complex

*Master's Ceremony:* Friday, May 17, 3:30-5:30 p.m. (doors open at 3 p.m.), Palestra

*Speaker:* Sunita Parasuraman, head of treasury, Facebook

*Open House and Luncheon:* 1-3 p.m.,

Engineering complex

*PhD Ceremony:* Thursday, May 16, 3:30-4:30 p.m., Irvine Auditorium

*Speaker:* Beth Winkelstein, Vice Provost for Education and Eduardo D. Glandt President's Distinguished Professor in the Department of Bioengineering, Penn

*Reception:* 4:30-6 p.m., Hall of Flags, Houston Hall

#### Law School

*Ceremony:* Monday, May 20, 3 p.m., Academy of Music

*Speaker:* Kalpana Kotagal, partner at Cohen Milstein

*Reception:* Sunday, May 19, 2-4 p.m., Law School

#### Perelman School of Medicine

*Ceremony:* Sunday, May 19, 9-11 a.m., Kimmel Center for the Performing Arts  
*Speaker:* Reed V. Tuckson, managing director of Tuckson Health Connections, LLC

*PSOM 50th Reunion Speaker:* Edward T. Anderson, C'65 M'69, interventional cardiologist

*Reception:* Kimmel Center, immediately following the ceremony

*Biomedical Graduate Studies Ceremony:* Monday, May 20, 12:30-3:30 p.m., Biomedical Research Bldg., Auditorium & Lobby

#### School of Nursing

*Ceremony:* Monday, May 20, 3-5 p.m., Verizon Hall at the Kimmel Center

*Speaker:* Neville Earl Strumpf, advocate and expert in care of older adults; professor of nursing (retired) and interim dean, Nursing, Penn

*Reception:* Carol Ware Lobby, Claire M. Fagin Hall, Monday, May 20, noon

#### School of Social Policy & Practice

*Ceremony:* Monday, May 20, 6:30 p.m., Irvine Auditorium

*Speaker:* DeRay Mckesson, civil rights activist and host of *Pod Save the People*

*Reception:* Houston Hall, immediately following the ceremony

#### School of Veterinary Medicine

*Ceremony:* Monday, May 20, 2:30 p.m., Zellerbach Theatre, Annenberg Center

*Speaker:* David M. Sherman, Chargé de mission, Regional Activities Department, World Organisation for Animal Health (OIE)

*Reception:* Annenberg Plaza, immediately following the ceremony

#### Wharton School

*San Francisco MBA for Executives*

*Ceremony:* Sunday, May 5, 10-11:30 a.m., Herbst Theatre, War Memorial & Performing Arts Center, San Francisco, CA

*Speaker:* Anthony Noto, WG'99, CEO, SoFi

*Doctoral Division Ceremony:*

Friday, May 17, 9:30-10:30 a.m.,

Zellerbach Theatre, Annenberg Center

*MBA for Executives Ceremony:*

Saturday, May 18, 2:30-4 p.m.,

Zellerbach Theatre, Annenberg Center

*Speaker:* David M. Rubenstein, co-founder and co-executive chairman of The Carlyle Group

*Undergraduate Division Ceremony:*

Sunday, May 19, 9 a.m., Palestra,

*Speaker:* Stacy Brown-Philpot, W'97, CEO, TaskRabbit

*MBA Division Ceremony:* Sunday, May 19, 1 p.m., Palestra, *Speaker:* Jonathan ("Jon") Gray, W'92, president and COO, Blackstone