

UNIVERSITY OF PENNSYLVANIA *Almanac*

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William P. Carey Foundation Makes \$3 Million Gift to Establish Professorship in Economics and Enrique Mendoza Named the Inaugural Chair

The W. P. Carey Foundation, one of the leading philanthropic supporters of educational institutions, has made a \$3 million gift to the School

of Arts & Sciences to endow the William P. Carey Professorship in Economics. With this gift, the foundation supports and recognizes exemplary faculty and facilitates research at the intersection of economics and political science. The inaugural chair holder will be Enrique Mendoza, who will assume the title of William P. Carey Professor of Economics.



Enrique Mendoza

"During his lifetime, William Polk Carey encouraged interdisciplinary communication between economics and political science, with the understanding that each field stimulated and enhanced the other," said Mark Trodden, Dean of the School of Arts & Sciences and the Thomas S. Gates, Jr. Professor of Physics & Astronomy. "Enrique Mendoza exemplifies this connection, applying his expertise to public service and public service to his research. With this esteemed professorship, the W. P. Carey Foundation honors Carey's legacy and furthers his commitment both to Penn and to the United States."

Dr. Mendoza, whose research interests include international capital flows, financial crises, sovereign debt, and business cycles, joined Penn

in 2013 and previously served as a Presidential Term Professor and as director of the Penn Institute for Economic Research. Before coming to Penn, he was the Neil Moskowitz Professor of Economics at the University of Maryland and held positions at Duke University, on the Board of Governors of the Federal Reserve, and at the International Monetary Fund.

Dr. Mendoza has served on the National Science Foundation Economics panel, on the editorial boards of various leading journals, and as managing editor of the *Journal of International Economics*. He has also worked as a consultant for several central banks and international organizations. In addition, Dr. Mendoza is a fellow of the Econometric Society, a research associate at the National Bureau of Economic Research, and a member of both the Bank for International Settlements Advisory Panel and the Latin American Committee on Macroeconomic & Financial Issues.

"Bill Carey was deeply passionate about interdisciplinary collaboration between the departments of economics and political science, often emphasizing that politicians should be better informed about economic principles, and that economists must better understand the political realities that shape policy," said William P. Carey II, WG '19, chair of the W. P. Carey Foundation and a Penn Trustee. "There is no better place than Penn's School of Arts & Sciences to carry forward this vision, where the integration of ideas across disciplines continues to drive meaningful progress."

In addition to his myriad academic and ser-

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Florence Onyike: 2026 Rhodes Scholar

University of Pennsylvania senior Florence Onyike, from Altamonte Springs, Florida, has been awarded a Rhodes Scholarship for graduate study at the University of Oxford in England.

The Rhodes, established in 1902, is highly competitive and one of the most prestigious scholarships in the world. The scholarship funds tuition and a living stipend for two or three years of graduate study at Oxford and may allow funding in some instances for four years. At Oxford, Ms. Onyike plans to pursue a master's degree in economic development with a focus on West Africa.

Ms. Onyike is pursuing an international studies and business degree in the Huntsman Program, a dual degree program in the Wharton School and the School of Arts & Sciences, as well as a minor in Spanish. Ms. Onyike's interests include international economic development, international law, and immigration. Her senior thesis, based on research she conducted in Spain during a Penn Abroad semester last spring, explores the informal economy and socioeconomic mobility of West African street vendors in Barcelona. Ms. Onyike has been a Frederick Douglass Global Fellow, a three-year Perry World House Student Fellow, a member of the Dean's Advisory Board, and executive director of Black Wharton Consulting. She is also a Coca Cola Scholar, Ron Brown Scholar, and recipient of the Presidential Service and Educational Excellence Awards.

According to the Rhodes Trust, about 100 Rhodes Scholars will be selected worldwide this year. Ms. Onyike is among the 32 Rhodes Scholars chosen to represent the United States. According to the Rhodes Trust, nearly 2,800 American students began the application process this year; 965 were endorsed by 264 different colleges and universities; and 238 applicants reached the final stage of the competition.

Ms. Onyike applied for the Rhodes Scholarship with assistance from Penn's Center for Undergraduate Research and Fellowships.



Florence Onyike

From University Leadership

Information Security Training

November 20, 2025

Dear Colleagues,

We want to make you aware of a new information security training course that will be required of all Penn faculty, postdocs, student workers, and staff, including contingent workers and temporary workers. The course, titled "Information Security at Penn: A Practical Guide," is part of the University's ongoing efforts to strengthen our community's ability to protect institutional systems and information, and you.

Why It Matters

- Ensuring the security and integrity of the University's systems and information is critical to Penn's mission. Cyber threats pose a serious and persistent risk. Criminals are increasingly targeting individuals, and some members of our Penn community have experienced account compromises.
- On October 31, 2025, systems supporting

Penn's development and alumni activities were accessed using stolen credentials obtained through a sophisticated form of identity impersonation known as social engineering. *It is essential that our community remains vigilant and prepared to recognize and report these types of attacks—especially suspicious phone calls or emails that may be phishing attempts.* This training will equip every member of our community with practical skills to recognize and prevent threats before they can cause harm to you or the University.

What to Expect

- You will need to complete three short training modules, approximately five minutes each, asynchronously in Workday Learning.
- After each module, you will complete a brief learning assessment.

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- Honors & Other Things
- WXPN Board Meeting
- Talk About Teaching & Learning

From the Faculty Senate Office

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, by email at senate@pobox.upenn.edu.

Faculty Senate Executive Committee Actions Wednesday, November 19, 2025

Report from the Chairs. Faculty Senate chair Kathleen Brown recapped a gathering of faculty held in October and offered other updates on matters being addressed by the tri-chairs on behalf of the Senate.

Reports from Constituencies. Professor Brown invited four SEC members to offer reports from their constituencies.

Promoting a Culture of Belonging at Penn. Professor Roy Hamilton moderated a discussion on strategies being utilized by Penn leaders to promote cultures of belonging in their schools. Guests who joined the discussion included Brigid Dwyer, SAS vice dean for academic excellence and engagement in the School of Arts and Sciences; Renita Miller, executive director of community engagement in the Wharton School; and Christopher Gary Simmons, director of student engagement & community building in the Weitzman School of Design.

Update from the Office of the President. President J. Larry Jameson offered remarks on current events at Penn and higher education. He then responded to questions posed by SEC members.

Deadline Extended for 2026 Women of Color at Penn Award Nominations

To members of the University and surrounding community:

The deadline to submit nominations for the Women of Color Day 2026 Awards has been extended to Friday, December 5, 2025.

The National Institute for Women of Color (NIWC) has proclaimed March 1 National Women of Color Day. Women of Color Awards are given in recognition of individuals who have conscientiously endeavored to increase respect for women of color in the Penn community. For more information about the six categories, visit the [original call for nominations](#) published in the October 21, 2025 edition of *Almanac*.

To submit a nomination online, [click here](#).

Learn more about the 2026 WOCAP Day Awards Program, to be held on March 20, 2026, at <https://aarc.upenn.edu/u/women-color/women-color-awards>.

—Women of Color Executive Planning Committee

Registration Now Open for Annual CT3N Symposium: Targeting the CNS

Registration is now open for *Targeting the CNS*, the 14th annual symposium of the Center for Targeted Therapeutics and Translational Nanomedicine (CT3N). The 2025 CT3N Symposium takes place on December 3 and will feature outstanding speakers from the fields of targeted therapeutics, drug delivery, biomaterials, and nanomedicine, with a focus on targeting the CNS. The symposium can be attended in person (in the Arthur H. Rubenstein Auditorium of the Smilow Center for Translational Research) or via a live webcast.

Keynote speakers include Polina Anikeeva, the Matoula S. Salapatras Professor of Materials Science and Engineering and a professor of brain and cognitive sciences at the McGovern Institute for Brain Research at the Massachusetts Institute of Technology; and Viviana Gradinaru, the Trendle Professor of Neuroscience and Biological Engineering and director and Davis Leadership Chair of the Merkin Institute for Translational Research at California Institute of Technology. Further information about speakers and the symposium agenda and a link to register may be found at <https://www.itmat.upenn.edu/ct3n/symposium/>.

Open Forum Topics at University Council Meeting, December 3, 2025

The following topics have been submitted for the Open Forum at the December 3, 2025, University Council meeting, to be held in the Hall of Flags, Houston Hall.

- *Lack of Covid Precautions on Campus*, Erin Bailey, program coordinator, Wolf Humanities Center and Price Lab for Digital Humanities
- *University's Decision to Revoke Athletic Records of Lia Thomas*, Nikhil Joseph Dharan, GR'25
- *Hate Speech and Hateful Actions*, Lauren Watts, C'28
- *SEPTA's University Pass (UPass) Program*, Greyson Forster, C'28

Carey Foundation Establishes Professorship and Enrique Mendoza Named Inaugural Chair

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vice roles, Dr. Mendoza has received numerous accolades and has authored a wealth of wide-ranging publications. He was awarded the Maria de Maeztu Visiting Professorship at Cemfi in 2022, the Lamfalussy Senior Research Fellowship at the Bank for International Settlements in 2021, and the Duisenberg Fellowship at the European Central Bank in 2017. He has published over 60 peer-reviewed articles and made 25 contributions to conference volumes and policy journals and has supervised over 40 doctoral students.

The W. P. Carey Foundation has a storied history with the University of Pennsylvania, with generations of Carey family members having attended the University over the past three centuries. The foundation's primary mission is to support educational institutions with the larger goal of improving America's competitiveness in the world, with a particular focus on three critical areas: business and legal education, primary and secondary education, and community.

This endowed professorship is the latest in the W. P. Carey Foundation's longstanding support of Penn. The foundation has previously made a historic gift to endow Penn Carey Law. In addition, the foundation has endowed the three-year Francis J. and William Polk Carey JD/MBA program jointly offered by Penn Carey Law and Wharton, co-founded the Penn Institute for Economic Research, endowed the William Polk Carey Prize in Economics, and supported term chairs in mathematics and economics.

From the Office of the University Secretary

University Council Agenda

Wednesday, December 3, 2025
Hall of Flags, Houston Hall
4–6 p.m.

- Welcome.
- Approval of the minutes of October 22, 2025.
- Follow up comments or questions on Status Reports.
- Proposed amendment to Council Bylaws: Rewording of the Standing Charge and Renaming of UC Committee.
- State of the University, report of the Provost.
- Responses to New Business topics raised at the October 22, 2025, University Council meeting.
- Open Forum.
- New Business.
- Adjournment.

From University Leadership

Information Security Training

(continued from page 1)

- Training completion is required by December 31, 2025.
- To protect our entire community, failure to complete the training may result in loss of access to University systems.

How to Access the Course

- The training can be accessed through the information security course website (https://isc.upenn.edu/security/aware/infosec_online_training), which includes a link to the training in Workday Learning (PennKey login required), answers to frequently asked questions, and additional resources on best practices in information security.
- You will also receive an email from Workday Learning when the course is assigned with information on how to access the training.

Anyone who completed this course in Workday Learning on or after September 25, 2025, is not required to retake the training.

If you have any questions after reviewing this information, please feel free to contact security@isc.upenn.edu.

Thank you in advance for your partnership and your participation in this important initiative.

—John L. Jackson, Jr., Provost

—Mark F. Dingfield, Executive Vice President

—Josh Beeman, Interim Vice President of Information Technology & Interim University Chief Information Officer

No Issue December 2

There will be no issue of *Almanac* on Tuesday, December 2, 2025, because of the Thanksgiving Holiday. For *Almanac*'s publication schedule and deadlines, visit <https://almanac.upenn.edu/publication-schedule-deadlines>.

The Rules Governing Final Examinations

The Rules Governing Final Examinations at the University of Pennsylvania are published each semester as a reminder to the academic community.

Information about fall 2025 final examinations can be found at <https://srfs.upenn.edu/registration-catalog-calendar/final-exams>.

—John L. Jackson, Jr., Provost

1. No instructor may hold a final examination nor require the submission of a take-home final exam except during the period in which final examinations are scheduled; when necessary, exceptions to this policy may be granted for postponed examinations (see 3 and 4 below). No final examinations may be scheduled during the last week of classes or on reading days.

2. No student may be required to take more than two final examinations on any calendar day during the period in which final examinations are scheduled. If more than two are scheduled, the student may postpone the middle exam. If a take-home final exam is due on a day when two final examinations are scheduled, the take-home exam shall be postponed by one day.

3. Examinations that are postponed because of conflicts with other examinations, or because more than two examinations are scheduled on the same day, may be taken at another time during the final examinations period if the faculty member and student can agree on that time. Otherwise, they must be taken during the official period for postponed examinations.

4. Examinations that are postponed because of illness, a death in the family, for religious observance, or some other unusual event may be taken only during the official periods: the first week of the spring and fall semesters. Students must obtain permission from their dean's office to take a postponed exam. Instructors in all courses must be willing to offer a make-up examination to all students who are excused from the final examination.

5. No instructor may change the time or date of a final exam without permission from the appropriate dean.

6. No instructor may increase the time allowed for a final exam beyond the scheduled

two hours without permission from the appropriate dean.

7. No classes or required class activities may be held during the reading period.

8. The first examination of the day begins at 9 a.m. and the last examination concludes by 8 p.m. There will be one hour between exam time blocks.

9. All students must be allowed to see their final examination. Exams should be available as soon as possible after being graded with access ensured for a period of at least one regular semester after the exam has been given. To help protect student privacy, a student should have access only to their own exam and not the exams of other students. Therefore, for example, it is not permissible to leave student exams (or grades or papers) in publicly accessible areas.

10. Students may not be asked for their social security numbers. Instructors may not publicly display a student's Penn ID or any portion of the social security number, nor use names, initials or any personally identifiable information to post grades. Even when an identifier is masked or absent, grades may not be posted in alphabetical order, to protect student privacy.

11. Final exams for College of Liberal and Professional Studies (LPS) courses must be given on the regular class meeting night during the week of final examinations. No change in scheduling is permitted without unanimous consent of all students in the class and the director of LPS. LPS final exams may not be administered during the last week of class or on a reading day.

In all matters relating to final exams, students with questions should first consult with their dean's office. Faculty wishing to seek exceptions to the rules also should consult with their dean's office.

Information Systems & Computing Rate Changes for Fiscal Year 2027

In FY27, ISC plans to adjust rates in alignment with the planning parameters provided by the Office of Budget Planning & Analysis (as of fall 2025). These changes allow ISC to continue making important investments and deliver services that are effective and efficient.

Rates for all billed services will increase by 2.0% and labor rates will increase by 3.0%. Additionally, there is a subset of services for which there will be no increase. ISC relationship managers will follow up with IT leaders to review these changes and answer any questions.

—Joshua Beeman, Interim Vice President for Information Technology & Interim and University Chief Information Officer (CIO)

SHOP PENN Days of Deals

'Tis the season to eat, shop, and be merry. The holidays are here and we are excited to celebrate the season throughout the SHOP PENN district this December. [SHOP PENN Days of Deals](#) returns from December 1-12, and features 12 days of sales and giveaways from our collection of eclectic stores and restaurants around campus.

The [SHOP PENN Holiday Window Decorating Contest](#) also returns on December 8-14. Take a stroll through the district and vote for your favorite holiday window display.

For more details, visit www.shopsatpenn.com and follow SHOP PENN on Instagram, X, and Facebook ([@shopsatpenn](#)).

—SHOP PENN

Update

November AT PENN

ON STAGE

29 *Şègèsi: A Durational Ritual*; performance and visual artist Courtney Desiree Morris installs braid extensions in her hair over eight hours, accompanied by a soundscape of five mixtapes; visitors are encouraged to engage by making offerings of pennies, flowers, sweets, honey, stones or minerals, or shells; 10 a.m.-5 p.m.; Penn Museum; free with museum admission (Penn Museum).

TALKS

26 *From Giletta to Nigella (and Job): The Evolution of a Novella Trope*; Alberto Gelmi, Vassar College; 2 p.m.; Zoom webinar; register: <https://tinyurl.com/gelmi-talk-nov-26> (Francophone, Italian & Germanic Studies).

This is an update to the [November AT PENN calendar](#), which is online now. To submit an event for a future AT PENN calendar or weekly update, email almanac@upenn.edu.

The December AT PENN calendar appears in this issue. The next AT PENN calendar to be published will be January AT PENN, which will be published on December 16. Submit event listings for January AT PENN by Monday, December 1.

Updated Workday Payment Election Authentication Process

Effective December 4, 2025, Workday will require those who receive pay from the University to provide their current bank account information before making any changes to their pay elections. This is a new layer of security that will help ensure that only authorized users can update payment elections used for direct deposits.

This security layer is designed to prevent unauthorized changes to payment elections and protect faculty, postdocs, staff, and student and temporary workers from potential paycheck fraud committed by increasingly sophisticated criminal behavior.

When you update your bank account information in Workday, you will note a new step in the process:

Log in Securely to Workday. Navigate to the Benefits, Comp and Pay Hub in your personal category of the navigation menu.

Click on Payment Elections. Select the account you would like to update and click Edit. Most of the account information is masked (asterisks in place of numbers).

Verify Your Current Bank Account Details. Please enter your current bank account number carefully and accurately when prompted.

Consequences of Failed Attempts: After three unsuccessful attempts, an administrative lock will be placed on your ability to edit bank accounts and pay elections. This lock will not prevent you from accessing other Workday functions.

Restore Access to Update Bank Account: If your access is locked due to an authentication failure, please contact the [Penn Employee Solution Center](#) as soon as possible to restore access. The Solution Center will initiate a verification process that will help restore access.

For more details on managing your payment elections, search for the Workday tip sheet "Self-Service: Manage Pay Elections" on the [Workday website](#).

For more helpful information on what you can do to protect yourself, please review Penn's ISC [website](#), which offers guidance related to digital security.



December

AT PENN



ACADEMIC CALENDAR

- 1** Classes resume.
- 8** Last day of classes.
- 9** Reading Days. Through December 10.
- 11** Final Examinations. Through December 18.
- 18** Fall Term ends.

CHILDREN'S ACTIVITIES

- 26** *Winter Break*; a day of exploration of the Penn Museum for all ages, from gallery tours and creative activities to music and games; 10 a.m.-4 p.m.; Penn Museum; tickets: free for children 17 and under; register: <https://www.penn.museum/calendar/901/winter-break> (Penn Museum). Also December 27.

CONFERENCES

- 3** *14th Annual CT3N Symposium 2025: Targeting the CNS*; will feature outstanding speakers from the fields of targeted therapeutics, drug delivery, biomaterials, and nanomedicine, with a focus on targeting the CNS; 8:15 a.m.-6:30 p.m.; Rubenstein Auditorium, Smilow Center; info: <https://www.itmat.upenn.edu/ct3n/symposium/> (Institute for Translational Medicine and Therapeutics, Center for Targeted Therapeutics and Translational Nanomedicine).
- 4** *Beyond Endurance: Reimagining Media Praxis*; will envision new possibilities for media research and practice that center creativity, community and hope; 5-6 p.m.; room 109, Annenberg School; info: <https://tinyurl.com/annenberg-conf-dec-4> (Annenberg School for Communication). Also December 5, 9:30 a.m.-6 p.m.
- 5** *Unlock the Future of Orthodontics: Mastering Clear Aligner Technique*; will explore the mastery of clear aligner therapy—from early interceptive treatment to complex surgical cases—through an orthodontically driven, evidence-based approach; 8 a.m.-4:45 p.m.; Penn Dental Medicine; register: <https://www.dental.upenn.edu/continuing-education/orthoalum-ni2025/> (Penn Dental Medicine).
- Responsive Materials Meet Intelligence*; talks by five faculty members from Penn and elsewhere will explore how to fold, stretch, build, and shape materials using AI; 8:45 a.m.-6:30 p.m.; Glandt Forum, Singh Center for Nanotechnology (Materials Science & Engineering).
- Re*Membering Mavis Pusey*; will bring together artists, scholars, and curators to reflect on the life and legacy of Mavis Pusey (1928–2019)—a pioneering abstract artist whose dynamic prints and paintings capture the rhythm of urban change and the resilience of Black modernity; 10 a.m.-6 p.m.; Institute of Contemporary Art; register: <https://icaphila.org/events/remembering-mavis-pusey/> (Institute of Contemporary Art).

EXHIBITS

- Now**
Made (by Hand) in the Midwest: The Contre Coup Press 1979–2019; explores the work of the Midwestern Contre Coup Press, founded as the passion project of psychologist and self-taught printer Timothy Hawley; this exhibit reveals the craftsmanship and creativity behind modern bookmaking; first floor, Van Pelt Library. Through December 12.
“My Soul is Anchored in the Lord”: *A Story of Marian Anderson and Florence Price*; collects correspondence from longtime collaborators and friends, world-renowned contralto Marian Anderson and symphonic composer Florence Price, who had the shared experience of developing their careers in music while facing racial and gender discrimination; Ormandy Music Gallery, Van Pelt Library. Through December 17.
Maitin in Philadelphia: Mayor of the Arts; features a selection of posters by prolific artist and Penn alumnus Sam Maitin, whose signature bold colors and playful forms created the backdrop for artistic and civic life in Philadelphia for decades; east elevator bay, fifth floor, Van Pelt Library. Through December 19.
Postigo Express: Documenting the Basque Conflict in San Sebastián, 1977–2003; a collection of acclaimed Basque photographer Fernando Postigo's photos documenting Spain's transition to democracy following Franco's death in 1975, the implementation of the new Spanish Constitution in 1978, and, most significantly, the Basque struggle for autonomy; Arthur Ross Gallery. Through January 4, 2026.
Reinventing Aristotle; through the rich and varied Aristotelian materials held in the Penn Libraries' collections, this exhibit explores how perceptions of Aristotle have evolved over the centuries—across cultures, disciplines, and imaginations; Goldstein Gallery, Van Pelt Library. Through January 16, 2025.
Penn in the Field: Student Fieldwork Photography; experience fieldwork and research travel of current undergraduate and graduate students as documented through their own lenses; Penn Museum Library. Through August 30, 2026.
Mavis Pusey: Mobile Images; the first major museum survey dedicated to the work and life of Jamaican-born artist Mavis Pusey (1928–2019), an important figure in geometric abstraction, featuring over 60 artworks from her prolific 50-year career; Institute of Contemporary Art. Through December 2026.
- Ongoing**
“Spit and Polish All the Time”: *Nancy Leftenant-Colon and the Experience of Black Nurses During World War II*; when Nancy Leftenant-Colon first tried to enlist in the U.S. Army Nurse Corps during World War II, she was turned away due to her race, but eleven years later, she served as a flight nurse as a member of the U.S. Air Force in the Korean War; this exhibit explores her extraordinary military career through a rare collection of her photographs and slides; suite 2U, Fagin Hall.

FILMS

- New Italian Cinema, 25th Annual Edition**
In-person screenings at Rainey Auditorium, Penn Museum. Info: <https://cinemastudies.sas.upenn.edu/events>.
- 5** *Fuori*; 6:30 p.m.
- 6** *Diciannove/19 Years Old*; noon.
Ciao Bambino/Bye, Child; 3 p.m.
Divia Futura/Future Diva; 6:30 p.m.
- 7** *L'ultima cosa bella/The Last Beautiful Thing*; noon.
La vita da grandi/Siblings; 3 p.m.
Duse, the Greatest; 6:30 p.m.

FITNESS & LEARNING

- 2** *Rigorous and Glamorous in 100 Words or Less 2.0, An Abstract-Writing Workshop*; Konrad Kording, a Penn Integrates Knowledge University Professor, will review and refine participants' research paper abstracts live; noon; Zoom webinar; register: <https://tinyurl.com/rigorous-glamorous-dec-2> (Perelman School of Medicine, Penn Engineering).
- MPH Virtual Info Sessions for Penn Employees*; learn about a graduate program that prepares students to be public health leaders by integrating research, education, and service to promote the health of populations locally, nationally, and globally; 5 p.m.; online webinar; register: <https://ppsa.upenn.edu/events/> (Master of Public Health). Also December 3, noon.
- Class at Penn and Beyond: Wealth Norms in College and the Transformative Potential of Education*; shame-free conversations about how we all experience wealth, varying levels of social class, and shifting access to money and power at Penn; 5:30 p.m.; room 108, ARCH; register: <https://tinyurl.com/paideia-dec-2> (SNF Paideia Program).
- Crafting with CURF: Gingerbread Houses & Research Talk*; talk with research peer advisors about research at Penn while decorating gingerbread houses; 7 p.m.; room 209, Amy Gutmann College House (Center for Undergraduate Research & Fellowships).
- 3** *Mind and Mood Recharge Powered by Penn Medicine*; unwind in the Penn Museum galleries with an uplifting array of health-centric happenings during a popular after-hours wellness series, now in its third year; 5-8 p.m.; Penn Museum; register: <https://www.penn-museum/calendar/869/mind-and-mood-recharge> (Penn Museum).
- From ABD to PhD: Planning for the Final Stretch*; join a panel of faculty from the humanities, natural sciences, and social sciences to discuss strategies for successfully navigating the dissertation stage; 5:30 p.m.; online webinar; register: <https://luma.com/4gab0y8v> (English).
- 4** *German Breakfast*; join faculty and students for a morning of bagels and light conversation in German; 9:30–11 a.m.; room 543, Williams Hall (Francophone, Italian & Germanic Studies).
- 3D-Printed, High-Performance Concrete Pavilion: Weitzman Innovation Showcase*; a multidisciplinary team from the Weitzman School of Design and Penn Engineering will unveil an innovative building system that aims

to reduce carbon emissions across every stage of concrete construction; noon; Pennovation Center; register: <https://tinyurl.com/weitzman-showcase-dec-4> (Weitzman School of Design).

9 *Working Dog Center Tour*; see firsthand what it takes to train leading detection dogs; watch as the Working Dog Center staff explains the step-by-step process of preparing a dog to serve in explosive detection, search & rescue, cancer detection, and more; 10 a.m.; Penn Vet Working Dog Center; RSVP: pvwdcoutreach@vet.upenn.edu (Working Dog Center).

11 *Exploring Living Options in Retirement*; a faculty panel will identify personal needs, questions, and values that can be important when deciding on retirement living options; 3:30 p.m.; Zoom webinar; register: <https://pp.events/bjGkxwwn> (Penn Association of Senior & Emeritus Faculty).

African-American Resource Center

Various locations. Info: <https://aarc.upenn.edu/events>.

3 *Annual Grief Workshop*; noon; Penn Women's Center.

17 *Real Talk Lunch Series: Joy Through Purpose and Passion*; noon; Penn Women's Center.

18 *Men of Color Monthly Huddle Meeting*; noon; location TBA.

College of Liberal & Professional Studies

Online webinars. Info and to register: <https://www.lps.upenn.edu/about/events>.

1 *Penn LPS Online Certificates: Meet Us Mondays*; 12:30 p.m. Also December 8, 15, 22.

2 *Bachelor of Applied Arts and Sciences Virtual Information Session*; noon.
Master of Environmental Studies Virtual Drop-in Hour; noon.

Fels Institute of Government Virtual Information Session; 5 p.m.

4 *Master of Behavioral and Decision Sciences Virtual Café*; 10 a.m.
Master of Behavioral and Decision Sciences Virtual Info Session; 5 p.m.

9 *Pre-Health Programs Virtual Application Completion Session*; 12:30 p.m.

10 *Master of Applied Economics and Data Science Virtual Information Session*; 8 a.m. and 6 p.m.

Graduate School of Education

Online webinars. Info and to register: <https://www.gse.upenn.edu/news-and-events/events-calendar>.

3 *Higher Education MSEd Virtual Information Session*; 8 a.m.

4 *Executive Doctorate in Higher Education Management, EdD Virtual Information Session*; 9 a.m. Also December 18, noon.

Learning Analytics & Artificial Intelligence (Online) MSEd Virtual Information Session; 7 p.m.

School Leadership MSEd Virtual Open House; 7 p.m.

Urban Teaching Apprenticeship MSEd Virtual Information Session; 7 p.m.

5 *International Educational Development MSEd Virtual Information Session*; 9 a.m.

9 *Global Higher Education Management (Online) MSEd Virtual Information Session*; noon. Also December 17, 8 a.m.

Independent School Teaching Residency MSEd Virtual Information Session; 5:30 p.m.

Education, Culture, and Society MSEd Virtual Information Session; 7 p.m.

Mid-Career Doctoral Program in Educational Leadership, EdD Virtual Information Session; 8 p.m.

11 *Education Entrepreneurship MSEd Virtual Information Session*; 10 a.m.

18 *Penn Chief Learning Officer Virtual Information Session*; noon.

Human Resources

For Penn faculty and staff. Unless noted, online webinars. Info and to register: <https://www.hr.upenn.edu/>.

1 *30-Minute Chair Yoga Plus Core*; noon. Also December 8, 15.

2 *Ramp Health: Love Your Gut*; noon.
Conflict Resolution; 12:30 p.m.

3 *Job Architecture Webinar*; noon. Also December 17.

Lunchtime Chair Yoga; noon. Also December 10.

Radical Resilience; 12:30 p.m.

4 *Mindful Movement and Meditation*; noon.

Participating In Performance Appraisals for Staff; 12:30 p.m.

5 *30-Minute Guided Meditation*; noon. Also December 12.

9 *Virtual Tour of New Employee Assistance Program Services*; noon.
Managing Up; 12:30 p.m.

11 *Conducting Performance Appraisals for Supervisors*; 12:30 p.m.
Supporting the Sandwich Generation; 3 p.m.

16 *Open Gym at Pottruck*; noon-12:15 p.m.; Gimbel Gymnasium, Pottruck Fitness Center.

Creating and Maintaining Your LinkedIn Profile; 12:30 p.m.

17 *PNC Bank: Preparing for a Financial Emergency*; noon.

18 *Assertiveness Skills 102*; 12:30 p.m.

Morris Arboretum & Gardens

In-person events at Morris Arboretum & Gardens. Info and to register: <https://www.morrisarboretum.org/see-do/events-calendar>.

Garden Highlights Tour; a tour of highlights of the arboretum's collections; guides will design a tour around the interests of the attendees; every tour is different, so come back as many times as you'd like. *Weekdays*, 10:30 a.m.; *weekends*, 1 p.m.

Winter Wellness Walks; these brisk walks will stick to the paved paths and get your heart rate up. *Saturdays and Sundays*, 10:30 a.m.

Holiday Garden Railway; the arboretum's expansive layout of buildings and trains is elaborately decorated for the holidays with lights that twinkle along the tracks and around the surrounding landscape. *Through December 30*.

Holiday Garden Railway: Nighttime Express; see the Holiday Garden Railway at night for an even more spectacular experience. *Through December 21*.

13 *Winter Wellness Walks: Nature Watch*; themed walk that will point out wintry elements of the arboretum's collections, like tree bark color/texture, tree silhouettes, buds, and winter-blooming plants; 10:30 a.m.

Conifers Tour; will explore the wide variety of conifers—both evergreen and deciduous—on display at the arboretum, which provide multi-seasonal interest with an array of forms, foliage, bark, and cones; 11 a.m.

20 *Winter Wellness Family Walk*; a joyful family stroll through the wintry arboretum; families can feel free to walk at their own pace and use strollers; 10:30 a.m.

21 *Winter Solstice Early Opening*; soak up every ray on the shortest day of the year; enjoy rare early access to the gardens to explore the grounds before their usual opening and savor the quiet beauty of morning light; 8 a.m.

28 *Winter Wellness Walk: Nature's Nurture*; get moving, get outdoors, and get connected to nature and others during a walk with conversation focused on movement in nature; 10:30 a.m.

Penn Libraries

Various locations. Info: <https://www.library.upenn.edu/events>.

1 *Sewing 101 & Textile Mending*; a screen-free craft afternoon with Mia D'Avanza, the director of Fisher Fine Arts Library, who will teach the simple life skills of sewing and mending; 11:30 a.m.; room LL02A, Levy Dental Library.

3 *Manuscript Studies Interest Group: Manuscripts as Data*; look outside of the box and talk about manuscripts as data, including



In a special showcase on December 4, faculty from Penn Engineering and the Weitzman School will display new technology to reduce carbon emissions. See *Fitness & Learning*.



The Morris Arboretum & Gardens' Holiday Garden Railway is splendidly decorated for the holidays and offers many opportunities to visit by day or by night. See *Fitness & Learning*.

digitization and using digitized manuscripts as text and as images; 2 p.m.; room 623, Van Pelt Library.

Open Studio Session: Lighting in the Revolutionary Era; print your own copy of a broadside about artificial lighting in American history; 2-4 p.m.; Common Press, Fisher Fine Arts Library.

Bloomberg 101; class that covers basic database structure and practical and useful commands in Bloomberg, a definitive source of information for security pricing, indicative and fundamental data, customized analytics and business news; 3:30 p.m.; room 244, Van Pelt Library.

Research Poster Design; learn how to effectively condense your work, communicate your findings in a visually appealing way, save and size files correctly for printing in Microsoft PowerPoint, and more; 4:45 p.m.; online webinar.

4 *Coffee with a Codex: Illustrated Manuscript in Sanskrit*; South Asian studies librarian Jef Pierce will discuss a manuscript that contains the legend of Kālaka, important to the Śvetāmbara Jains and read during the first night of the Paryuṣaṇā; noon; online webinar.

Coding with AI and Arduinos; learn how to code with the help of AI and Arduino to create your first physical computing project; 2 p.m.; Education Commons Makerspace.

9 *Origami Star Book Workshop*; welcome the holidays by making your own origami star book; 2 p.m. and 3:30 p.m.; room 623, Van Pelt Library.

Lippincott's Snack Stop: Destress & Discover; swing by the Lippincott Business Library to unwind and sample exciting food creations from Penn's student entrepreneurs; 4 p.m.; room 242, Van Pelt Library.

Community Study Sessions—December; a relaxed, supportive space where students can stay focused, meet others, and enjoy free snacks; 6-8 p.m.; room 124, Van Pelt Library.

10 *Fun with Medieval Manuscripts*; color your own decorative medieval illustration and make it into a button; 2-4 p.m.; room 623, Van Pelt Library.

11 *Coffee with a Codex: Speculum Historiale*; Kislak Center curator Dot Porter will discuss a volume comprising Books 25 to 28 of the *Speculum historiale* of Vincent of Beauvais and written in France, probably Paris, circa 1400; noon; online webinar.

18 *Coffee with a Codex: Qur'ān Written in Malta*; Kislak Center curator Dot Porter will discuss a copy of the Qur'ān with instructions for how much to read from the Qur'ān every day of the week added in modern script, written in Malta in 1654; noon; online webinar.

MEETINGS

4 *First Thursday Community Meeting*; hear about this month's special topic, Mental Health and Wellness, then stick around after the meeting for networking and light refreshments; 4:30 p.m.; Gutmann College House (Office of Government and Community Affairs).

MUSIC

5 *Off the Beat Presents: Off the Record*; one of Penn's premiere a cappella groups presents a setlist featuring songs by the 1975, Nirvana, Frank Ocean, Sombra, Lauryn Hill, and more; 7 p.m.; Iron Gate Theater; tickets: \$11-\$13 (Platt Performing Arts House). Also December 6, 6 p.m.

6 *Penn Glee Club Sings Holiday Classics*; Penn Glee club sings their repertoire of holiday classics next to the Holiday Garden Railway; bring the whole family for some holiday cheer as you explore the Morris Arboretum & Gardens; 1 p.m.; Sugarman Sculpture, Morris Arboretum & Gardens; free with arboretum admission (Morris Arboretum & Gardens).

Music Department

In-person events. Info: <https://music.sas.upenn.edu/events>.

3 *Baroque Ensemble and Recorder Consort*; performance by Penn student ensembles of three to six members who perform chamber music from the Baroque period for instruments and solo voices; 8 p.m.; room 419, Fisher-Bennett Hall.

4 *Penn Arab Percussion Ensemble*; performance by an ensemble that explores the hands-on experience of learning the Doumbek and the rhythms emanating from the Arab world; 7 p.m.; Hall of Flags, Houston Hall.

5 *Penn Chamber Ensembles*; performance by Penn's chamber music program, which consists of string quartets, piano trios, piano four-hands, and other small ensembles; 7 p.m.; room 419, Fisher-Bennett Hall. Also December 7, 3 p.m.

6 *Penn Flutes*; performance by one of the largest active flute choirs in the United States, with a repertoire spanning genres from the Renaissance through Modern eras; 1 p.m.; third floor rotunda, Penn Museum.

Penn Sound Collective; performance by a group of doctoral fellows in music composition who present and promote each other's work; 7:30 p.m.; room 419, Fisher-Bennett Hall.

Penn Symphony Orchestra; performance by musicians across the Penn community of a diverse range of repertoire from the eighteenth, nineteenth, and twentieth centuries; 8 p.m.; Irvine Auditorium.

8 *Brazilian Samba Ensemble*; performance of a wide variety of rhythms from many different regions of Brazil; 7 p.m.; Bodek Lounge, Houston Hall.

Penn Live Arts

In-person events. Info and tickets: <https://penn-livearts.org/events/>.

7 *Dianne Reeves: Christmas Time is Here*; five-time Grammy Award-winner jazz singer Diane Reeves melds her timeless grace, spell-binding vocals, and radiant charisma into an unforgettable evening of holiday favorites; 7 p.m.; Zellerbach Theatre, Annenberg Center; tickets: \$59-\$105.

19 *Irish Christmas in America*; enjoy the enchanting sounds of Irish Christmas in America, featuring vocal star Caitriona Sherlock in her Philadelphia debut and local talent of McAleer-Paulson School of Irish Dance; 7:30 p.m.; Zellerbach Theatre, Annenberg Center; tickets: \$45-\$81.

ON STAGE

12 *MOMIX: Alice*; vivid imagery, imaginative costumes and awe-inspiring movement combine in a fantastical Wonderland complete with the Mad Hatter, Queen of Hearts, White Rabbit and more favorites; 10:30 a.m. and 7:30 p.m.; Zellerbach Theater, Annenberg Center; tickets: \$59-\$105 (Penn Live Arts). Also December 13, 2 p.m. and 7:30 p.m.; December 14, 3 p.m.

Platt Performing Arts House

In-person events. Info: <https://tinyurl.com/platt-house-events>.

4 *Simply Chaos Presents: Shaved Everything for TN*; a troupe of ten standup comedians presents a night where comedy is smoother than ever; 8:30 p.m.; Class of 1949 Auditorium, Houston Hall; tickets: \$5-\$8. Also December 5, 6:30 p.m.; December 6, 7 p.m.

iNtuitions Presents: A Doll's House; Penn's experimental theater group presents a seminal protofeminist play centered around Nora Helmer's journey from complacency to agency; 9 p.m.; Prince Theatre, Annenberg Center.

ter; tickets: \$5-\$8. Also December 5, 5 p.m.; December 6, 2 p.m.

5 *Soundworks Presents: Tap Secret*; Penn's strictly tap-dancing group presents a thrilling blend of rhythm, mystery, and style that will keep you on your toes; 5 p.m. and 9:30 p.m.; Iron Gate Theater; tickets: \$8-\$10.

6 *Penn Ballet Presents: The Nutcracker*; Penn Ballet presents its 15th anniversary production of the perennial holiday favorite that tells the story of Clara and her magical Nutcracker, which comes to life as the clock strikes midnight, leading Clara on an enchanting adventure; 6 p.m.; Zellerbach Theater, Annenberg Center; tickets: \$8-\$14.

READINGS & SIGNINGS

2 *The Evidence for Psychodynamic Psychotherapy: A Contemporary Introduction*; Kevin McCarthy, psychiatry; 5:30 p.m.; 2nd floor conference room, Penn Bookstore (Penn Bookstore).

4 *Book Launch: Greater Philadelphia: A New History for the Twenty-First Century*; panel of volume editors and authors; 5:30 p.m.; Class of 1978 Orrery Pavilion, Van Pelt Library; register: <https://libcal.library.upenn.edu/calendar/kislak/greaterphilly> (Penn Libraries).

SPECIAL EVENTS

1 *SHOP PENN Days of Deals*; 12 days of sales and giveaways from an eclectic collection of stores and restaurants around campus, including a holiday window-decorating contest; info: www.shopsatpenn.com (SHOP PENN). Through December 12.

28 *Kwanzaa Celebration: Free Community Day*; celebrate the magic of Kwanzaa with holiday activities for the whole family in a joyful celebration that honors African heritage and community; 11 a.m.-4 p.m.; Penn Museum; free with museum admission; register: <https://www.penn.museum/calendar/905/kwanzaa-celebration> (Penn Museum).



On December 19, Penn Live Arts will present *Irish Christmas in America* to bring holiday cheer to the Annenberg Center and cap off a month of holiday-themed musical performances on and around campus. See Music.

SPORTS

Penn Athletics

Home games only. Info and tickets: <https://pennathletics.com/>.

3 *Men's Squash vs. Drexel*; 5 p.m.; Penn Squash Center.

4 *Women's Basketball vs. Maine*; 6 p.m.; the Palestra.

5 *Women's Squash vs. Georgetown*; 5 p.m.; Penn Squash Center.

6 *M/W Track & Field hosts Penn Opener*; time TBA; Ott Indoor Track Center.

7 *Men's Squash vs. Western*; 11 a.m.; Penn Squash Center.

8 *Men's Basketball vs. Lafayette*; 6 p.m.; the Palestra.

19 *Women's Basketball vs. Washington State*; 11 a.m.; the Palestra.

22 *Wrestling vs. West Virginia*; 7 p.m.; the Palestra.

31 *Men's Basketball vs. NJIT*; 2 p.m.; the Palestra.

TALKS

1 *Fugitive Bioarchaeology*; Aja Lens, Johns Hopkins University; noon; room 345, Penn Museum (Anthropology).

Redesigning Philanthropy: Using Storytelling, Empathy and Tech to Engineer Impact; Ruth Jean-Marie, the August Project; 3 p.m.; Zoom webinar; register: <https://bit.ly/SPEAK25> (School of Social Policy & Practice).

Suicide, Environmental Degradation, and the Material Politics of Difficult Feelings in the United States; Julie Livingston, New York University; 3:30 p.m.; room 392, Cohen Hall (History & Sociology of Science).

Implicit Low-Rank Integrators with Structure Preservation for Convection-Diffusion and Kinetic Simulations; Joseph Nakao, Swarthmore College; 4 p.m.; room TBA, DRL (Mathematics).

Archives of Beauty: Thinking Artistic Work Worlds and Afghanness during the First Taliban Era (1996-2001); Paniz Musawi Natanzi, University of Bern; 5 p.m.; room 135, Fisher-Bennett Hall (English).

Of Bad Candles and Glasses, Earthquakes, and Headaches: Reasons for Musical Error Around 1770; Emily Green, George Mason University; 5:15 p.m.; Class of 1978 Orrery Pavilion, Van Pelt Library (Workshop in the History of Material Texts).

Inside Quantum History: Ilya Khrzhanovsky's Dau and the Logic of the Post-Soviet Atompunk; Tatiana Efremova, George Washington University; 5:30 p.m.; room 209, College Hall (History, Russian & East European Studies).

2 *Modeling and Analysis of Wall-Bounded Turbulent Flows*; George Ilhwan Park, mechanical engineering & applied mechanics; 10:15 a.m.; Wu & Chen Auditorium, Levine Hall (Mechanical Engineering & Applied Mechanics).

AI Law Competition; Shen Wei, Shanghai Jiao Tong University; 12:15 p.m.; room 418, PCPSE (Center for the Study of Contemporary China).

Asian American Across the Disciplines; Elaine Andres, Asian American studies; 1:45 p.m.; room 150, McNeil Building; RSVP: <https://tinyurl.com/andres-talk-dec-2> (Asian American Studies).

Demo-ing, Sampling, Lipsynching: Notes on the Commercialization of Misogynoir in Dreamland; Eva Pensis, GSWS; 5:15 p.m.; room 101, Lerner Building (Music).

Planetary Orientations: Poetry at the End of the World; Bryan Norton, Haverford College; 5:15 p.m.; room 543, Williams Hall (Francophone, Italian & Germanic Studies).

What Are My Mare's Options for Breeding in 2026? Tamara Dobbie, Penn Vet; 6:30 p.m.; Zoom webinar; register: <https://www.alumni.upenn.edu/firsttuesdaylectures2026> (Penn Vet).

3 *How AI is Reshaping the Sciences Through Machines, Minds, and Molecules*; Sudeep Bhatia, psychology; Andrew Zahrt, chemistry; noon; Café 58, Irvine Auditorium (Knowledge by the Slice).

One Health @ Penn: Animals and Agriculture; Tom Parsons, Penn Vet; Tom Daniels, Weitzman School of Design; noon; Zoom webinar; join: <https://bit.ly/RiPWip> (Penn Vet, Environmental Innovations Initiative).

Work/Inequality; Tiantian Yang, Wharton School; noon; room 403, McNeil Building (Sociology).

Know Your Rights: Security Deposits as a Tenant; Rue Landau, Philadelphia City Council; 1 p.m.; room 2, Gittis Hall; RSVP: <https://tinyurl.com/landau-talk-dec-3> (Penn Carey Law).

Structure, Control, Cladding; Ryan Ball, architect; 3 p.m.; room 113, Jaffe Building (History of Art).

New Technologies for Delivery of Nucleic Acids and Proteins to Plants; Markita Landry, University of California, Berkeley; 3:30 p.m.; Wu & Chen Auditorium, Levine Hall (Chemical & Biomolecular Engineering).

You're Sending Particles Across a Country? The Tokai to Kamioka Experiment; Kendall Mahn, Michigan State University; 3:30 p.m.; room A8, DRL (Physics & Astronomy).

Loneliness and Public Health; Vivek Murthy, 19th and 21st surgeon general of the

U.S.; 4 p.m.; room G06, Huntsman Hall; register: <https://ldi.upenn.edu/events/fireside-chat-with-vivek-murthy-md-mba/> (Leonard Davis Institute).

Soft-Power Sutras: Buddhism, Nationhood, and the Political Imagination, from Nehru to Modi; Douglas Ober, University of British Columbia; 4:30 p.m.; room 402, Cohen Hall (South Asian Studies).

Reframing the Pueblo Revolt; Joseph R. Aguilar, Stampede Ventures-Bering Straits Native Corporation; 7 p.m.; online webinar; fee: \$15/general, \$9/members; register: <https://www.penn.museum/calendar/876/archaeology-in-action> (Penn Museum).

4 *Climate 101: Climate and Education*; Zachary Herrmann, GSE; 11 a.m.; room 300, Annenberg School, and online webinar; register: <https://tinyurl.com/climate101fall25> (Environmental Innovation Initiative).

A Fly's View of Arousal and Sleep Regulation; Wanhe Li, Texas A&M University; noon; room 109, Leidy Laboratory, and Zoom webinar; join: <https://tinyurl.com/li-talk-dec-4> (Biology).

Text, Context, Feeling: Reorienting Theresa Hak Kyung Cha's Works; Ina Choi, independent scholar; noon; suite 310, 3600 Market Street (Korean Studies).

Biddle Speaker Series: Vendor Relations; Crystal Alberthal and Pearl McCrea, University of Washington; 3 p.m.; Biddle Law Library, and Zoom webinar; register: <https://tinyurl.com/alberthal-mccrea-dec-4> (Penn Carey Law).

The Sound of Mormonism; Jared Farmer, history; 3:30 p.m.; room 204, Cohen Hall (Religious Studies).

Synthetic Biology for Human Health: RNA Sensors, Protein Circuits, and Machine-Guided Humanization; Xiaojing Gao, Stanford University; 3:30 p.m.; room 216, Moore Building (Bioengineering).

The Poetic Death of Cynegeirus and His Historical Afterlife; Alex Gottesman, Temple University; 4:45 p.m.; room 402, Cohen Hall (Classical Studies).

FirePIT Chat; Hollis Robbins, University of Utah; 5 p.m.; Zoom webinar; register: <https://tinyurl.com/robbins-talk-dec-4> (SNF Paideia Program).

Poetic Presence and Absence; Jack Chen, University of Virginia; 5:15 p.m.; room 111, Annenberg School (Center for East Asian Studies).

5 *Slow Tech Dragon: A Balanced Assessment of China's Economic Trajectory*; Scott Kennedy, Center for Strategic & International Studies; 12:15 p.m.; room 418, PCPSE (Center for the Study of Contemporary China).

Advances in the Synthesis and Application of Strained-Ring Compounds: Catalytic & Stoichiometric Approaches; László Kürti, Rice University; 1 p.m.; Carolyn Hoff Lynch Lecture Hall, 1973 Chemistry Building (Chemistry).

Exporting the American Dream? U.S.-Africa Trade Under Colonial Rule, 1914-45; Leigh Gardner, London School of Economics; 2 p.m.; room 209, College Hall (History).

The NOBCChe Lectureship: Orphaned Cyclopropanes; Sidney Wilkerson-Hill, University of North Carolina at Chapel Hill; 4 p.m.; Carolyn Hoff Lynch Lecture Hall, 1973 Chemistry Building (Chemistry).



A series of talks and workshops this month will examine manuscripts in the Penn Libraries' collections. See Talks.

8 *What Were the Behavioral Sciences?* Jeff Pooley, Annenberg School; 3:30 p.m.; room 392, Cohen Hall (History & Sociology of Science).

9 *"What Makes Clinical Research Ethical": A Twenty-Five Year Journey and Look to the Future*; Christine Grady, National Institutes of Health; noon; room B102AB, Richards Building, and Zoom webinar; register: <https://tinyurl.com/grady-talk-dec-9> (Medical Ethics & Health Policy).

10 *Deciphering the Cellular Entry Mechanisms of DNA Viruses*; Chelsey Spriggs, University of Michigan; noon; Austrian Auditorium, CRB (Microbiology).

The Public Spectacle of Gendered Truth Claims in Lively v. Baldoni; Talia Fiester, Annenberg School; *Skin-Deep: AI Biometrics and the Automation of Gender Policing*; Erica Quinones, University of Delaware; noon; room 344, Fisher-Bennett Hall (Gender, Sexuality & Women's Studies).

How Hormones Establish Sex-Specific Physiology, Ensure Species Survival, and Contribute to Disease; Holly Ingraham, University of California, San Francisco; 4 p.m.; Gaulton Auditorium, BRB (Systems Pharmacology and Translational Therapeutics).

11 *Reliance on Informal Care in Medicare Advantage Versus Traditional Medicare*; Lauren Nicholas, University of Colorado Anschutz; 10 a.m.; room 1104, Blockley Hall, and Zoom webinar; join: <https://upenn.zoom.us/j/95740259034> (Medical Ethics & Health Policy).

Shakespeare's Others; Becky S. Friedman, English; noon; online webinar; register: <https://tinyurl.com/friedman-talk-dec-11> (Global Discovery Series).

DNA-Based Molecular Measurement Tools; Peng Yin, Harvard University; 3:30 p.m.; room 216, Moore Building (Bioengineering).

12 *Financing Long-Term Care: Public vs. Private Solutions*; panel of speakers; noon; Zoom webinar; register: <https://tinyurl.com/ldi-talk-dec-12> (Leonard Davis Institute).

13 *More Than a Cosmetic Fix: Experimental Archaeology and the Museum Setting*; Jane Hill, Rowan University; Isabella Pilla, Rowan University; 2:30 p.m.; Penn Museum; tickets: \$0-\$10 (Penn Museum).

16 *Special Briefing on the Outlook for 2026: How States & Cities Will Adapt to Wrenching Change*; panel of speakers; 11 a.m.; online webinar; info: <https://tinyurl.com/penniuir-talk-dec-16> (Penn Institute for Urban Research).

18 *Analyzing the Scale-Up of PrEP: Leveraging Prescription Datasets to Develop New Insight*; Aaron Siegler, Emory University; noon; online webinar; info: <https://www.med.upenn.edu/cfar/seminar-series/> (Center for AIDS Research).

Economics

In-person events. Info: <https://economics.sas.upenn.edu/events>.

2 *Unemployment and Forward-Looking Congressmen*; Javier Tasso, economics; noon; room 101, PCPSE.

"Calibeating": Beating Forecasters at Their Own Game; Sergiu Hart, Hebrew University of Jerusalem; 4 p.m.; room 203, PCPSE.

3 *(Artificial) Intelligence Saturation and the Future of Work*; Ioana Marinescu, SP2; noon; room 101, PCPSE.

Consumption, Wealth and Income Inequality: A Tale of Tails; Christian Hellwig, Toulouse School of Economics; 4 p.m.; lower-level auditorium, PCPSE.

4 *Unemployment Insurance with Policy Differentiation*; Vera Zabrodina, Berkeley University; 3:30 p.m.; room 101, PCPSE.

9 *Grade Inflation, Signaling, and Status Externality in the PhD Admission Market*; Siqui Li, economics; noon; room 101, PCPSE.

Risk and Monotone Comparative Statics Without Independence; Yangwei Song, University of Colorado, Boulder; 4 p.m.; room 203, PCPSE.

Penn Libraries

Various locations. Info: <https://www.library.upenn.edu/events>.

2 *A Book That Got Around: The Many Contexts of "Aristotle's Masterpiece"*; Mary Fissell, Johns Hopkins University; 5:30 p.m.; Class of 1978 Orrery Pavilion, Van Pelt Library, and Zoom webinar.

3 *Uninvited Guests: Common Library Pests and Other Happenstance Visitors*; Valeria Kremser, Penn Libraries; noon; room 241, Van Pelt Library.

5 *Collecting Penn Memorabilia for the University Archives*; Susan Molofsky Todres, Penn Archives; noon; online webinar.

The Guide to Goodness: An Islamic Medieval Bestseller, Copies at Penn, and Their Contexts; Ali Noori, religious studies; noon; online webinar.

10 *Penn Libraries Presents: Preserving the Sanborn Map Company Fire Insurance Map Collection*; speakers from Fisher Fine Arts Library; noon; room 241, Van Pelt Library.

**Division of Public Safety
University of Pennsylvania Police Department Crime Report**

About the Crime Report: Below are the crimes against persons and/or crimes against property from the campus report for **November 10-16, 2025**. The crime 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 (DPS) and contains all criminal incidents reported and made known to the Penn Police, including those reported to the Philadelphia Police Department (PPD) that occurred within our patrol zone, for the dates of **November**

10-16, 2025. The Penn Police actively patrol from Market Street to Baltimore Avenue and from 30th Street to 43rd Street 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 DPS at (215) 898-7297. You can view the daily crime log on the [DPS website](#).

Penn Police Patrol Zone

Market Street to Baltimore Avenue and from 30th Street to 43rd Street

Crime Category	Date	Time	Location	Description
<i>Aggravated Assault-Gun</i>	11/11/25	10:06 PM	4000 Walnut St	Shots fired on highway; one victim transported to PPMC
<i>Auto Theft</i>	11/11/25	7:08 PM	3700 Spruce St	Theft of a secured electric scooter from bike rack
	11/11/25	8:37 PM	3700 Woodland Walk	Theft of a secured electric scooter from bike rack
	11/12/25	7:13 PM	200 S 40th St	Theft of a secured electric scooter from bike rack
	11/16/25	10:35 AM	3601 Market St	Theft of a secured electric scooter from bike storage area of garage
<i>Bike Theft</i>	11/10/25	2:14 PM	129 S 30th St	Theft of a secured bicycle from bike rack inside lobby area of garage
	11/13/25	9:42 AM	3701 Walnut St	Theft of a secured bicycle from bike rack
	11/14/25	6:21 PM	3610 Hamilton Walk	Theft of a secured bicycle from bike rack
<i>Burglary</i>	11/12/25	8:13 AM	215 S 33rd St	Forced entry burglary reported in the athletic supply room
<i>Other Offense</i>	11/11/25	10:02 AM	3600 Market St	Offender attempted to steal an electric scooter and had an outstanding warrant/Arrest
<i>Retail Theft</i>	11/10/25	6:09 PM	3741 Walnut St	Retail theft of iPhone
	11/10/25	5:21 PM	3604 Chestnut St	Retail theft of consumable goods
	11/13/25	8:42 PM	4233 Chestnut St	Retail theft of alcohol
	11/13/25	9:47 PM	4233 Chestnut St	Retail theft of alcohol
	11/13/25	4:20 PM	3440 Market St	Retail theft of consumable goods
	11/14/25	12:05 PM	4233 Chestnut St	Retail theft of alcohol
	11/15/25	8:49 PM	3604 Chestnut St	Retail theft of consumable goods
	11/16/25	6:02 PM	4001 Walnut St	Retail theft/Arrest
	11/16/25	8:02 PM	3744 Spruce St	Retail theft of consumable goods
<i>Robbery</i>	11/13/25	3:32 PM	4000 Spruce St	Strong-arm robbery by group of juveniles; suspects identified
<i>Robbery-Gun</i>	11/11/25	9:50 PM	4100 Chestnut St	Robbery by simulated firearm
<i>Sex Offense</i>	11/14/25	9:19 AM	Confidential	Confidential report
<i>Theft from Building</i>	11/10/25	10:14 AM	4247 Locust St	Report of stolen money from a drawer inside secured apartment
	11/12/25	10:48 AM	3620 Locust Walk	Complainant reported her company credit card missing from her desk
	11/14/25	5:05 PM	3730 Walnut St	Theft of an unsecured jacket from a classroom
	11/14/25	4:59 PM	4247 Locust St	Package theft from apartment building mailroom
	11/16/25	10:33 AM	240 S 40th St	Theft of medical equipment from complainant's workspace
<i>Theft From Vehicle</i>	11/10/25	3:57 PM	4100 Sansom St	Numerous tools reported stolen from parked work truck
<i>Vandalism</i>	11/12/25	12:15 PM	3820 Locust Walk	Vandalism reported after subjects hung a flag on a rooftop damaging the alarm system
	11/12/25	8:17 AM	255 S 38th St	Exterior door vandalized with graffiti

Philadelphia Police 18th District

Schuylkill River to 49th Street & Market Street to Woodland Avenue

Below are the crimes against persons from the 18th District: 5 incidents were reported for **November 10-16, 2025** by the 18th District, covering the Schuylkill River to 49th Street & Market Street to Woodland Avenue.

Crime Category	Date	Time	Location
<i>Aggravated Assault</i>	11/11/25	10:08 PM	4012 Walnut St
<i>Assault</i>	11/15/25	8:27 PM	8 S. 45th St
<i>Harassment</i>	11/11/25	9:19 PM	3900 Blk Walnut St
<i>Robbery</i>	11/11/25	10:51 PM	4100 Blk Chestnut St
	11/13/25	3:32 PM	4000 Blk Spruce St

The Division of Public Safety offers resources and support to the Penn community. DPS has developed a few helpful risk reduction strategies outlined below. Know that it is *never* the fault of the person impacted (victim/survivor) by crime.

- See something concerning? Connect with Penn Public Safety 24/7 at (215) 573-3333.
- Worried about a friend's or colleague's mental or physical health? Get 24/7 connection to appropriate resources at (215) 898-HELP (4357).
- Seeking support after experiencing a crime? Call Special Services (support and advocacy resources) at (215) 898-4481 or email an advocate at specialservices@publicsafety.upenn.edu.
- Use the [Walking Escort](#) and [Riding](#) services available to you free of charge.
- Take a moment to update your cell phone information for the [UPennAlert Emergency Notification System](#).
- Download the [Penn Guardian App](#), which can help police better find your location when you call in an emergency.
- Access free [self-empowerment and defense courses](#) through Penn DPS.
- Stay alert and reduce distractions. (Using cell phones, ear buds, etc. may limit your awareness.)
- Orient yourself to your surroundings. (Identify your location, nearby exits, etc.)
- Keep your valuables out of sight and only carry necessary documents.

Honors & Other Things

PSOM Faculty Members Elected Fellows of the College of Physicians of Philadelphia

The College of Physicians of Philadelphia is celebrating the election of 58 new fellows, marking its largest class in history. The organization honored these new fellows during an induction ceremony at College Night on October 17, 2025.

Founded in 1787, the College, home of the Mütter Museum and Historical Medical Library and the History of Vaccines, is a storied institution with the mission of “advancing the cause of health while upholding the ideals and heritage of medicine.”

Biannually in the fall and spring, the organization hosts College Night, where it announces the induction of new members to its prestigious Fellowship program.

The new fellows represent 33 institutions and more than 40 specialties in medicine, administration, ethics, humanities, and public service. Boasting over 1,000 members, the fellowship includes prominent physicians, scientists, scholars, and community leaders committed to advancing patient care, public health, and medical knowledge and education.

The fellows from the Perelman School of Medicine are:

- Srinath Adusumalli, associate professor of cardiovascular medicine and Vice President and Chief Health Information Officer, Penn Medicine
- Kristy B. Arbogast, professor of pediatrics, emergency medicine
- John G. Augoustides, professor of anesthesiology and critical care at HUP
- Olga Barg, associate professor of clinical psychiatry
- Benjamin M. Braslow, professor of clinical surgery
- Cindy W. Christian, professor of pediatrics at CHOP
- Jason D. Christie, Paul F. Harron, Jr. Family Professor of medicine
- Caoimhe Duffy, assistant professor of anesthesiology and critical care
- Chris Feudtner, professor of pediatrics at CHOP
- Matthew Grady, professor of clinical pediatrics at CHOP
- James Guevara, professor epidemiology, biostatistics, & informatics and of pediatrics at CHOP
- Holly L. Hedrick, professor of surgery at CHOP
- Ken Kazahaya, professor of clinical otorhinolaryngology: head & neck surgery
- Heather Klusaritz, associate professor of family medicine and community health at HUP
- Jennifer R. Kogan, William Maul Measey President's Distinguished Professor in Medical Education
- Natasha Mirza, professor of otorhinolaryngology: head & neck surgery at HUP and VAMC
- Hillary CM Nelson, associate professor of biochemistry & biophysics and family medicine & community health
- William Peranteau, associate professor of surgery at CHOP
- Iris Reyes, adjunct professor of emergency medicine

- Francis E. Rosato, assistant professor of clinical surgery
- Joseph Savino, Abramson Family Professor in Anesthesia
- Jennifer K. Walter, associate professor pediatrics and medical ethics & health policy
- Richard C. Wender, Robert G. Dunlop Professor and chair of family medicine and community health

Penn Nursing Announces 2025-2026 Conway Scholars

Penn Nursing has announced its third cohort of Conway Scholars for 2025-2026. This program was created with a \$1 million grant from the Bedford Falls Foundation—DAF, which was later doubled to extend the duration of funding and expand the total number of scholars annually from ten to fifteen. Established by philanthropists Bill Conway Jr., co-founder and co-chairman of the global investment firm the Carlyle Group, and his late wife, Joanne Barkett Conway, the Bedford Falls Foundation is a national leader in supporting nursing. With this commitment, a total of eighty high-merit students with financial need will be awarded scholarships.

The third cohort of Conway Scholars includes:

- Mary Bagwell (Encinitas, CA)
- Sarah Bellete (Charlotte, NC)
- Azariea Bonner-Harris (Philadelphia, PA)
- Annalisa Brown (Bear, DE)
- Hyun-Ji Carpio (San Diego, CA)
- Maggie Chi (Hellertown, PA)
- Suzannah Costa (East Stroudsburg, PA)
- Sarah Croce (Venice, CA)
- Sydney Edwards (Philadelphia, PA)
- Biby Escobar (Newark, DE)
- Shirley Fung (Arcadia, CA)
- Laura Gomez (Matawan, NJ)
- Samuel Lee (Elkins Park, PA)
- Trinity McKinney (Cordova, TN)
- Dillon Tjiptamustika (Union City, CA)
- Dionnah Wearing (Philadelphia, PA)

“Penn Nursing is solving vital challenges together—and our partnership with the Bedford Falls Foundation is a vital part of what we do,” said Penn Nursing dean Antonia M. Villaruel. “The foundation’s investment that created the Conway Scholars program at Penn Nursing brings new voices and visions into the nursing workforce. More than that, it pushes nursing to the very edge of what is possible.”

“Nurses are the backbone of the healthcare system,” said Bill Conway Jr. “At Bedford Falls Foundation, our principal mission is to facilitate greater access to high-quality nursing education by easing the financial burden, so they can better take care of us and the communities they serve.”

Jeannette Kates: 2026 HPNA Volunteerism Award

Penn Nursing’s Jeannette Kates, an assistant professor of oncology nursing in the department of biobehavioral health sciences, has been selected to receive the 2026 Hospice and Palliative Nurses Association (HPNA) Volunteerism Award. This honor recognizes an HPNA volunteer who demonstrates an ongoing commitment to serve the mission of HPNA

through volunteerism. She will be recognized in person at the 2026 HPNA Annual Conference, held from May 7-8, 2026, in Lake Buena Vista, Florida. The HPNA was established in 1986 and is the national professional organization that represents the specialty of palliative nursing, which includes hospice and palliative nurses.



Jeannette Kates

Penn Dental Medicine Ranked Fourth in QS World University Rankings

Penn Dental Medicine remains ranked among the top universities worldwide for dental studies. In the 2025 QS World University Rankings By Subject, Penn Dental Medicine was ranked fourth among dental schools in North America and sixteenth worldwide from more than 100 global university dental programs.

The QS World University Rankings by Subject are conducted annually by QS Top Universities. For 2025, dental institutions were evaluated in the areas of academic reputation, employer reputation, citations per paper, h-index citations, and international research network, with employer reputation weighted 10% and the other factors weighted 30% each in determining the ranking. Weightings are reviewed on an annual basis.

The indicators used in the ranking are defined by QS TopUniversities as follows:

- The academic reputation indicator measures the reputation of institutions and their programs by asking academic experts to nominate universities based on their subject area of expertise.
- The employer reputation indicator measures the reputation of institutions and their programs among employers.
- The citations per paper indicator measures the impact and quality of the scientific work done by institutions on average per publication.
- The h-index is a metric that attempts to measure both the productivity and impact of the published work of an individual scientist or an institution. The index is based on the set of the most cited papers and the number of citations received in other publications.
- An international research network is a measure of an institution’s success in creating and sustaining research partnerships with institutions in other locations. The indicator measures the diversity and richness of an institution’s research network by examining the number of different countries represented and whether these relationships are renewed and repeated.

“This ranking reflects the tremendous depth of research and collaboration among our faculty,” said Penn Dental Medicine’s Morton Amsterdam Dean Mark S. Wolff. “They can take great pride in continuing to advance dental medicine, and in turn, the reputation of Penn worldwide.”

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Laura Perna: ASHE Fellow

Laura Perna, Penn's vice provost for faculty and the Centennial Presidential Professor of Education in the Graduate School of Education, has been selected for the inaugural class of fellows of the Association for the Study of Higher Education (ASHE). The fellowship, which was created in honor of ASHE's 50th anniversary, celebrates scholars' "integrity, advancement of knowledge, mentoring, and service."

"This recognition is deeply meaningful to me, as ASHE has been my scholarly home since my time as a doctoral student," said Vice Provost Perna. "Over these past 30 years, ASHE has provided invaluable opportunities to advance my research through presentations and rich discussions, and to build a network of colleagues, collaborators, and friends. It's been a privilege to work alongside so many ASHE members—receiving thoughtful feedback, mentoring and being mentored, and contributing through committee service and leadership, including as president. The community has shaped my scholarship and my career in profound ways."

Twenty-five scholars from across the country have been selected for the honor, gathered from open nominations. The criteria included research and professional integrity; consistent advancement of knowledge through research, policy and/or practice; active and consistent mentorship of emerging scholars; and sustained and meaningful service to ASHE in various roles.

Vice Provost Perna is an expert in college access, affordability, and success, especially for low-income, first-generation, and non-traditional students. She has served as president of ASHE, is the co-founder of Penn GSE's Alliance for Higher Education and Democracy (Penn AHEAD), and has testified before Congress and advised university leaders and federal policymakers.

"Few people are as deserving as Laura to be an inaugural ASHE Fellow," said Jeremy Wright-Kim, an assistant professor at the Marsal School of Education at the University of Michigan, a former student of Vice Provost Perna's, and one of her nominators. "She has made demonstrable advancements in our thinking about higher education equity, access, and policy through decades of rigorous empirical work, while generously uplifting the burgeoning researchers around her to establish their own scholarly identities. She has held the highest leadership positions in our field, including the ASHE presidency, and continues to serve in countless ways. And most importantly, she has done so with great integrity by following through with her commitments and showing up for those in need. I was lucky to learn from her while at Penn, and I'm even luckier to count her as a colleague now."

The inaugural fellows were celebrated at an event during the ASHE 2025 Annual Conference in Denver, Colorado.



Laura Perna

Beth Simmons: President-Elect of the American Political Science Association

Beth Simmons, the Andrea Mitchell University Professor in Law, Political Science, and Business Ethics in the Penn Carey Law School and the School of Arts & Sciences, has been named president-elect of the American Political Science Association (APSA). She will serve a term as president from September 2026 to 2027, and a year as immediate past president the following year.



Beth Simmons

Dr. Simmons is only Penn's second APSA president, after Roger Smith, the Christopher H. Browne Emeritus Distinguished Professor of Political Science, in 2018. An active member of APSA for more than thirty years, Dr. Simmons has previously served on the APSA Council and on numerous prize committees.

"The APSA president has an important role in influencing conversations about politics and policy in the United States and, potentially, internationally," said Dr. Simmons. "With a membership of more than 11,000 individuals located in more than 100 countries around the world, it is an opportunity to further conversations of global importance."

Founded in 1903, APSA is one of the leading political science associations in the world. The organization connects political scientists from various areas and careers to deepen the understanding of politics, democracy, and citizenship throughout the world.

APSA fosters a diverse and active community of scholars, teachers, students, and practitioners. By releasing major publications, organizing annual meetups, and promoting various programs and services for individuals and institutions, the association enhances the capacity for research and professional development.

As the organization's main governing body, the APSA Council sets the strategic direction and vision of the association, monitoring its ongoing operation, making policies, approving appointments and budgetary decisions, and providing oversight, guidance, and advice.

In a statement of views via APSA's 2025 Council nomination process, Dr. Simmons revealed her intention to search for new ways for the organization to help its members communicate more effectively about the "indispensable value of political knowledge in our world."

"APSA should be a platform to help advance the contributions political scientists have made and will continue to make to a responsible understanding of governance," she said.

At the Carey Law School and as a Penn Integrates Knowledge University Professor, Dr. Simmons researches and teaches international relations, international law, and the seminar *Borders and Boundaries in International Relations*. She has also led a Global Research Seminar on international criminal and humanitarian law influences on the Colombian peace process, which included a week of on-site study.

Dr. Simmons is best known for her research on global policy diffusion, her research demonstrating the influence that international law has on human rights outcomes around the world, and most recently, the causes and consequences of global border hardening. She currently leads the *Borders and Boundaries* Research Project, centered in Penn's Perry World House.

Two of her books—*Who Adjusts? Domestic Sources of Foreign Economic Policy During the Interwar Years* (2004) and *Mobilizing for Human Rights: International Law in Domestic Politics* (2009)—won the American Political Science Association's Woodrow Wilson Award for the best book published in the United States on government, politics, or international affairs. The latter was also recognized by the American Society of International Law, the International Social Science Council, and the International Studies Association as the best book of the year in 2010. Dr. Simmons has worked at the International Monetary Fund, has directed the Weatherhead Center for International Affairs at Harvard, is a past president of the International Studies Association, and has been elected to the National Academy of Sciences, the American Philosophical Society, and the American Academy of Arts and Sciences.

"As a scholar of international relations, I want to contribute to constructive thinking about the role of the United States, U.S. universities, and American researchers in the world and foreign researcher in the United States," said Dr. Simmons. "I feel fortunate to be at Penn, where these conversations thrive."

WXPN Board Meeting: December 10

An open session of the WXPN Policy Board will meet Wednesday, December 10 at noon at WXPN. For more information, email abby@xpn.org or call (215) 898-0628 during business hours.

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A Talk to Remember: Making a Chalk Talk Memorable

Flint Wang

Like many faculty at Penn, I have students who struggle to pay attention, even to short 15-30 minute chalk talks (which these days actually often take place at a white board). As a physician-educator in an inpatient hospital setting, the challenge is real. Finding 15 minutes of undivided learner attention without urgent phone calls and airport-level decibel alarms is nearly impossible. Although these chalk talks contain information I know my students need and are motivated to learn, I have to assume my learners will be called away or hope I will finish early so they can attend to sick patients. As a result, I grapple with how to capture their attention, present information that is immediately applicable, and ensure that they take useful notes that do not end up in the shredding bin. Here are some techniques that have transformed my teaching and have helped to cement the information in my learners' minds.

I begin by capturing students' attention with something that frames the topic with a memorable gimmick. For example, in a talk about liver failure causing jaundice, I use Homer Simpson's cartoon yellow body with fill-in boxes connected to each distant part of the body affected by liver failure. I don't mind that my students might only remember Homer Simpson if it means that the memory of that visual allows them to re-make the fill-in boxes next to each body part. Some of the lectures I still remember years later did not ask me to remember every piece of information but rather set up just enough visual cues to allow my mind to re-derive the rest of the talk. It might sound cheap, but who is really going to forever remember a numerical list of the causes of chest pain? Even as a teacher, I find myself no longer referencing my answer sheet and instead just remembering the central theme and thinking about all the branch points from there. Similarly, in a talk about abnormal heart rhythms where a patient might need medications or an electric shock, I use images of Pikachu to line the flowsheet of treatment options (hint: Pikachu is a Pokémon character that fights its enemies with lightning bolts).

Next, I ensure my students' engagement by giving them something concrete in their hands to engage with and signpost what they are learning. Nothing says "you received teaching today" more than walking home with a colorful handout that matches the visual fill-in boxes on the white board. More importantly, with a time-pressed audience eager to go back to their other tasks, it's helpful to have the empty boxes and section dividers already drawn on the white board so they know when you're 25% through, 50% through, and almost done and can adjust their focus appropriately. As an added bonus, I usually print the handout visual with the answers filled in on the back because I encourage the learners to take a cell phone picture for future reference and the computer-typed answer sheet is more attractive to reference than handwritten scribbles. If I do not have a handout printed and ready for distribution, I try to bring a small stack of white paper so that my learners have something to write on if their only other paper has patient information on it. In the end, I do whatever it takes

to ensure a deliverable in-hand or on the phone.

I find that students learn more if I design the talk in layers so they can see the big picture and then (if we have time) get into the finer details. This method has allowed me to scale up or down whether I think I have five minutes with the learner or can flesh everything out in 30 minutes. If I see I've lost my students' interest or there is a pressing clinical situation, I can easily omit layer five and not look like I got flustered and gave an incomplete talk. Learners who feel novice to a topic may have difficulty diving into extreme detail without first getting a 30,000-foot view. I often recommend learners to read Wikipedia about a medical topic for a layman's interpretation, then read a summarized meta-analysis, and then read an individual highly-specific journal article if they wish. Learning in layers makes a complicated topic more digestible. For example, in a chalk talk about blood pressure medication, I first introduce what I call the "Hypertension Diamond," which is A, B, C, and D headings in a diamond visual formation. Learners guess which medication classes each letter corresponds to. Then we go through and mention the two most common medications in each category. Next, we go back through the diamond and talk about the side effects or special indications for each of those medications. And finally, we review several patient cases and reason through the medication selection in each case. Learners are not forgiving about chalk talks or lectures going overtime, and this method has helped me avoid those situations.

Finally, I like to end each chalk talk with a bonus question that ties in some level of emotional salience. Invoking some degree of fear or real-life consequence can make a teaching point more meaningful. This could center on how you would treat a family member, what occurred in a malpractice lawsuit you were in, or a medical mistake that occurred. For example, I end a chalk talk about heart attack medication management with the question, "If you were telling your parents what dose and formulation of aspirin they should have in their medicine cabinet in case they ever had a heart attack, what would you tell them?" In another talk about escalation of therapies for low oxygen levels, I mention a real-life cardiac arrest case where chaos led to no one realizing the oxygen tubing has fallen off the oxygen tank connector.

A great chalk talk doesn't just present information—it tells a story, sparks curiosity, and connects with the audience. By focusing on planting some attention-grabbing gimmicks, providing colorful handouts with clear fill-in boxes, presenting in framework layers, and adding stories with emotional salience, I can captivate even my highly distracted audience. While numerical lists or brief decision trees can be helpful, the most effective talks may be ones that learners can easily reference or re-derive from a central visual. With a bit of clever planning and a willingness to engage, I've created chalk talks that can be not just informative, but genuinely memorable.

Flint Wang is an associate professor of clinical medicine in the Perelman School of Medicine.

This essay continues the series that began in the fall of 1994 as the joint creation of the College of Arts and Sciences, the Center for Teaching and Learning and the Lindback Society for Distinguished Teaching.

See <https://almanac.upenn.edu/talk-about-teaching-and-learning-archive> for previous essays.