

# May

## AT PENN

All events are in EST unless noted.

### ACADEMIC CALENDAR

- 1** Final Examinations. Through May 9.
- 9** Baccalaureate. Spring Term ends.
- 13** Alumni Day.
- 15** Commencement.
- 22** 11-Week Session classes begin. Session I classes begin.
- 29** Memorial Day observed (no classes).

### CHILDREN'S ACTIVITIES

#### Morris Arboretum

In-person events. Info: <https://tinyurl.com/morris-arb-courses>.

- 3** *Morris After Dark: Going Batty*; a special opportunity to experience the Morris Arboretum at night and to learn about the unique adaptations bats have and the important role of bats in our ecosystem; all ages; 6-9 p.m.
- 10** *Music is My Nature*; little ones will get the chance to sing, clap, dance, and apply basic musical concepts such as beat, rhythm, pitch, and dynamics with simple instruments; ages 3-6; 10:30 a.m.
- 17** *May Storytime*; 10:30 a.m.
- 20** *The Art of Bees*; learn about bees, see pollinators in action, and make art that reflects the beauty of honey bees and nature; ages 6-10; 10:30 a.m.
- 27** *My Big Backyard: Nature Journaling*; ask questions and use the three languages—words, pictures, and numbers—to construct a nature journal with observations of the world around us; ages 9-12; 10:30 a.m.

#### Penn Museum

Online events. Info and to register: <https://www.penn.museum/calendar>.

- 5** *At-Home Anthro Live: Design Your Own Roman Oil Lamp*; students will get close views of oil lamps in the museum collection before designing their own ancient Roman lamp; 1 p.m.
- 12** *At-Home Anthro Live: Let's Play Indigenous Games*; using museum artifacts, students will learn the rules and significance of games played by Indigenous peoples from North, Central, and South America, and how many of those games are still played today; 1 p.m.
- 19** *At-Home Anthro Live: Ancient Superheroes*; students will learn the stories of several larger-than-life heroic figures who battled foes in the ancient world, then then use these tales as inspiration to design their own superheroes; 1 p.m.



*Let's Play Indigenous Games on May 12 at the Penn Museum offers a variety of activities for children to learn about games enjoyed by peoples of the Americas. See Children's Activities.*

- 26** *At-Home Anthro Live: Legendary Creatures*; students can look closely at museum artifacts that showcase Chinese dragons to see if they can identify what animals make up the legendary dragon, then create their own legendary creature; 1 p.m.

#### Philadelphia Children's Festival

In-person events at Annenberg Center. Info and tickets: <https://pennlivearts.org/events/>.

- 20** *BKBXKids: Destination: Everywhere*; join a renowned mime troupe on an adventure through the jungle, including spooky sleepovers, carnivals, and more; 3 p.m.; Harold Prince Theatre, Annenberg Center. Also May 21, 1 p.m.; May 22, 10 a.m. and 12:30 p.m.
- 21** *123 Andrés*; free performance by a Latin Grammy Award-winning music duo that gets the whole family singing, dancing, and learning in English and Spanish; 2 p.m.; Annenberg Center Outdoor Plaza.
- Catapult: Magic Shadows*; travel from the Eiffel Tower to the deep sea and everywhere in between as recent *America's Got Talent* finalists create a kaleidoscope of cinematic scenes and stories full of humor and emotion; 3 p.m.; Zellerbach Theatre, Annenberg Center.
- Give & Take Jugglers*; building on the traditions of vaudeville, circus arts and theatre, the Philly favorite group delivers skillful juggling, acrobatics, and slapstick; 4 p.m.; Annenberg Center Outdoor Plaza.
- 22** *Indigenous Enterprise*; Native American culture meets hip hop as champion powwow dancers represent the many tribes and nations across the country with jubilant movement and colorful regalia; Zellerbach Theatre, Annenberg Center; 10 a.m. and 12:30 p.m.
- 23** *Literature to Life: The Giver*; play adaptation of a Lois Lowry novel in which a young boy from a seemingly utopian, futuristic world is singled out to receive life-altering training from the Giver, who alone holds the memories of the true joys and pain of life; Harold Prince Theatre, Annenberg Center; 9:45 a.m. and 12:30 p.m.
- Mermaid Theatre of Nova Scotia: It's Okay to Be Different – Stories by Todd Parr*; bestselling author/illustrator Todd Parr explores big themes for little listeners, and Mermaid Theatre

brings three of his award-winning stories to life with a diverse cast, innovative puppetry and fun, original music; Zellerbach Theatre, Annenberg Center; 10 a.m. and 12:30 p.m.

### CONFERENCES

- 5** *A Prescription for the Future of Drug Pricing*; will address new and pending policy changes, public and private sector innovations in a complicated market, and what the future holds for drug pricing; 9 a.m.-2:30 p.m.; Robertson Room, 8<sup>th</sup> floor, Huntsman Hall; register: <https://tinyurl.com/ldi-conference-may-5> (Leonard Davis Institute).
- Center for Advanced Research in Global Communication Postdoc Colloquium*; will feature presentations by CARGC postdoctoral fellows Yuval Katz, Prateekshit “Kanu” Pandey, Ignatius Suglo, and Eszter Zimanyi; noon-3:15 p.m.; room 500, Annenberg School, and Zoom webinar; register: <https://tinyurl.com/cargc-colloquium-may-5> (Annenberg School).
- 10** *Innovations in Criminal Justice: The 2023 Quattrone Center Spring Symposium*; will focus on innovations in criminal justice, including prosecution and reduction of wrongful convictions; all day; Michael E. Fitts Auditorium, Golkin Hall; register: <https://tinyurl.com/quattrone-conference-may-10> (Quattrone Center for Criminal Justice). Through May 12.
- 22** *Human Genomic Diversity and Medicine: Challenges and Solutions to Reduce Health Disparities*; features twelve prestigious speakers; noon-4:30 p.m.; auditorium, Smilow Center, and online webinar; register: <https://tinyurl.com/gghe-conference-may-22> Global Genomics & Health Equity).

### EXHIBITS

#### Upcoming

- 3** *12@12 with Emily Zimmerman and Lynn Dolby*; 12-minute discussion of an artifact in the collection of the Arthur Ross Gallery with assistant curators Emily Zimmerman and Lynn Dolby; noon; Arthur Ross Gallery, Fisher Fine Arts Library.



Children of all ages can participate in an array of events at the Morris Arboretum this month. See Children's Activities.

## Now

*How is War Changing Media Futures in Ukraine?*; a collection of moments in time—tragic and heroic, devastating and hopeful—that demonstrate the power and durability of the wartime photograph and offer an opportunity to witness the war in Ukraine through the lens of Fulbright program alumni; forum, Annenberg School. *Through end of the spring 2023 semester.*

*At the Source: A Courbet Landscape Rediscovered*; sparked by the discovery of a Gustave Courbet painting of the source of the French river Lison in Penn's collection, this exhibition showcases the infamous painter's modern landscape practice and emphasizes the process of authenticating and conserving this historic work; Arthur Ross Gallery. *Through May 28.*

*Excluded/Inclusion: The Work of Chen Lok Lee*; 18 prints, watercolors, and lithographs show the journey of Chen Lok Lee, a political refugee who swam to Hong Kong to escape Chinese political persecution; shows the human spirit of determination, personal agency, and the power of choice to survive; Arts Lounge, Annenberg Center. *Through May 31.*

*Minerva Parker Nichols: The Search for a Forgotten Architect*; presents the few surviving drawings of Minerva Parker Nichols, who was the first woman in the U.S. to practice architecture independently, with press coverage and commissions nationwide, compiled by Molly Lester, MSHP'12; Harvey & Irwin Kroiz Gallery, Fisher Fine Arts Library. *Through June 17.*

*Carolyn Lazard: Long Take*; the artist's debut solo exhibition in Philadelphia, featuring her works of "dance for camera," a form of choreography for film and video that emerged in the 1960s; considers care as a collective, rather than individual, concern, shifting our assumptions of accessibility or how we come together; Institute of Contemporary Art. *Through July 9.*

*Terence Nance: Swarm*; the first solo museum presentation dedicated to the artist's genre-

defying and innovative practice, highlighting his experimentation in film, video, television, sound and performance from 2012 to 2022; Institute of Contemporary Art. *Through July 9.*

*Beautiful Blackbird: The Creative Spirit of Ashley Bryan*; the story of children's book illustrator Ashley Bryan, seeking his place in a world that did not always welcome him, finding himself through observation and expression, and using his creative gifts to make sense of his life and to help others to do the same; Goldstein Family Gallery, Fisher Fine Arts Library. *Through July 21.*

## Ongoing Special Exhibits

*Artwork from the "I Am" Collective*; various artists from the "I Am" Collective, a storytelling initiative showcasing the diversity of social identities that exist within Penn, finish the sentence "I am..." creating a blend of ink, paint, words, passion, and power; Brodsky Gallery.

*Ancient Egypt: From Discovery to Display*; provides a once-in-a-lifetime opportunity to walk in the shoes of an archaeologist; includes more than 200 fascinating objects, many of which have never been on view before, throughout a three-part, 6,000-square-foot exhibition; Penn Museum.

*Eastern Mediterranean Gallery*; contains 400 artifacts from the Eastern Mediterranean, which has been a crossroads of cultural exchange between diverse peoples, where merchants, migrants, and soldiers met to raise monuments to kings and gods, sail ships across the vast Mediterranean Sea, and share ideas in unexpected ways; Penn Museum.

*U-2 Spy Planes & Aerial Archaeology*; offers a look at the United States military's top-secret aerial reconnaissance during the 1950s and 1960s, the key geographic features and lost landscapes they captured accidentally, and the role of "aerial archaeology," using large-scale printed images and a small selection of objects from the Penn collection; West Merle-Smith Gallery, Penn Museum.

## FILMS

**3** *Nrityagram: For the Love of Dance*; award-winning documentary that paints a portrait of

Nrityagram, an idyllic dance village near Bangalore, India that centers around the Indian dance style, Odissi; 7:30 p.m.; Bruce Montgomery Theatre, Annenberg Center; tickets: \$10; register: <https://tickets.pennlivearts.org/0/80500> (Penn Live Arts).

## FITNESS & LEARNING

**4** *To and Through Higher Education: Innovative Approaches to Meeting the Needs of Students in Foster Care*; gain knowledge in understanding common barriers to higher education success for students with foster care experience; hear about resources that can positively impact youths' higher education outcomes; 1 p.m.; online webinar; fee: \$25; register: <https://tinyurl.com/field-center-workshop-may-4> (Field Center for Children's Policy, Practice, & Research).

*Refugee and Immigration Services*; as part of the "Building Community Connections" speaker series, speakers will discuss refugee and immigration and services; 6 p.m.; Zoom webinar; info: [kstrauch@upenn.edu](mailto:kstrauch@upenn.edu) (Leonard A. Lauder Community Care Nurse Practitioner Program).

**10** *Estate Planning for Penn Faculty*; hear estate planning tips from Kim Fetrow, Heckscher, Teillon, Terrill & Sager; 3:30 p.m.; Zoom webinar; info: [pasef@pobox.upenn.edu](mailto:pasef@pobox.upenn.edu) (Penn Association of Senior & Emeritus Faculty).

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

## African American Resource Center

Locations TBA. Info: <https://aacr.upenn.edu/events>.

**17** *Women of Color at Penn Lunch Series*; noon.

**18** *Men of Color Monthly Huddle Meeting*; 1 p.m.

**24** *Women of Color at Penn and Men of Color Combined Program*; noon.



Penn Live Arts will host the Philadelphia Children's Festival from May 20-23, which includes a variety of shows and other activities for young people, such as a performance by the Mermaid Theater of Nova Scotia (above). See Children's Activities.





On May 16, tours of Penn's Working Dog Center will offer opportunities to observe training of dogs for search and rescue as well as the detection of cancer or explosives. See Fitness and Learning.

**26 Community Lunch Program: Open Forum with African American Resource Center and Penn Women's Center;** noon.

**College of Liberal and Professional Studies**  
Online events. Info: <https://www.lps.upenn.edu/>.

**2 Master of Environmental Studies Virtual Café;** noon.

**4 Master of Science in Applied Geosciences Virtual Café;** noon.

**10 Pre-Health Post-Baccalaureate Programs Virtual Information Session;** 5 p.m.

**16 Bachelor of Applied Arts and Sciences Virtual Information Session;** 6 p.m.

#### Human Resources

Unless noted, online events. Info: <https://www.hr.upenn.edu/>.

*Recording: Virtual Chair Yoga Plus Core;* available all month.

**1 30-Minute Chair Yoga Plus Core;** noon. Also May 8, 22.

**3 Chair Yoga;** noon. Also May 17.

**4 Deskercise;** noon.

**5 30-Minute Guided Meditation;** noon. Also May 12, 19.

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

**9 Mental Health and Me;** 12:30 p.m.

**10 Bright Horizons Care Benefit - A Marketplace for Discounted Family Supports;** noon.  
*Restorative Practices at Penn 101;* noon.

**11 May Cooking Demo with Wellness Coaches;** noon.

*Mindfulness and Anxiety: Turn Your Anxiety Into Your Superpower;* noon.

**16 Bright Horizons Care Benefit - Quality Care for Your Family;** noon.

*Workshop with PNC: Repaying Student Debt;* noon.

**17 Bright Horizons Care Benefit - Tutoring for All Ages;** noon.

*Monthly Wellness Walk: Mental Health Awareness Month;* noon; meet at Benjamin Franklin statue in front of College Hall.

**18 Health Advocate Presents: Mental Health and Me;** 10:15 a.m. and 4:15 p.m.

*Guided Mindful Meditation;* noon.

*Bright Horizons Care Benefit - Quality Care for Adult and Elder Loved Ones;* 2 p.m.

**19 Your Career At Penn;** 12:30 p.m.

**23 Finding Balance in Busy Lives;** 12:30 p.m.

**24 Investing 201 with MetLife;** noon.

**25 Self-Kindness for Resilience;** noon.  
*Spin Class;* noon; Pottruck Fitness Center.

**31 Time and Energy Management: Ideas for Sustainable Life Balance;** 12:30 p.m.

*Self-Defense and Self-Empowerment Workshop;* 5:30 p.m.

#### Morris Arboretum

Unless noted, in-person events. Info, prices and to register: <https://tinyurl.com/morris-arb-courses>.

**2 A Taste of Tai Chi;** Aimée Alegría Barry, Centaur Tai Chi; 10:30 a.m.

**4 Nia Dance at the Arboretum: An Embodied Movement Experience;** Lisa Zahren, mindful dance instructor; 10 a.m. Also May 11, 18, 25.

*Songwriting: Inspiration and Technique;* Meghan Cary, songwriter; 10:30 a.m. Also May 11, 18, 25.

**6 Introduction to Wildlife Photography;** 10 a.m.-2 p.m.; Troy Bynum, photographer.

*Introduction to Botanical Collecting;* Emily Humphreys, Morris Arboretum; 1 p.m. Also May 13.

**10 Birding at the Arboretum: Wetland Wednesdays;** Sharon Meeker, birder; 7:30-10:30 a.m. Also May 24, 5:30 p.m.-dusk.

*Root to Replenish: A Yoga Practice Steeped in Nature;* Sara Trohaugh, yoga instructor; 11 a.m. Also May 17, 24, 31.

**11 Drawing and Painting the Majesty of Trees;** Henry Martin, artist; 10:30 a.m.-1:30 p.m. Also May 18, 25.

**12 Weave a Round Market Basket;** Sara Robbins, Philadelphia Guild of Handweavers; 10:30 a.m.-1:30 p.m. Also May 19.

**13 Small Trees Tour;** 11 a.m.

**16 Tai Chi in the Garden;** Aimée Alegría Barry, Centaur Tai Chi; 10:30 a.m. Also May 23, 30.

**18 Field Identification of Landscape Trees;** Ken LeRoy, John B. Ward Tree Experts; 9 a.m.-4 p.m.

**21 Sunday Morning Poetry: The Splendor of the Garden;** Jennifer Schelter, Radiant Retreat; 10:30 a.m. Also May 28.

**25 Summer Kickoff: A Treetop Yoga Experience;** Maura Manzo, yoga and meditation teacher; 5 p.m.

## MUSIC

### Penn Live Arts

In-person performances. Info and tickets: <https://pennlivearts.org/events/>.

**7 George Hinchliffe's Ukulele Orchestra of Great Britain;** performance featuring a unique mix of punk rock sensibilities and wry British humor from a group described as masters of the unexpected; 7 p.m.; Zellerbach Theatre, Annenberg Center.

**19 Julianna Barwick;** a luminary at the intersection of ambient and electronic music plays critically acclaimed compositions that transport listeners to a space of beauty and wonder; 8 p.m.; Harold Prince Theatre, Annenberg Center.

## ON STAGE

**5 Nrityagram Dance Ensemble & Chitrasena Dance Company: Āhuti;** renowned Indian dance troupe perform the Philadelphia premiere of *Āhuti*, a work that explores the interconnection of rhythm, music and physical expression between the companies' Odissi and Kandyen dance styles; 8 p.m.; Zellerbach Theatre, Annenberg Center; tickets: \$54; register: <https://tickets.pennlivearts.org/0/78012> (Penn Live Arts).

## SPECIAL EVENTS

**2 Celebration of Women Faculty;** features welcome remarks from Penn President Liz Magill; 3:30 p.m.; Hall of Flags, Houston Hall; register: <https://tinyurl.com/women-faculty-may-2> (Penn Forum of Women Faculty).

**6 Sustainable Saturday;** the Penn Museum presents Seeds of Change, a new series of programs intended to spark curiosity, share facts, and inspire action around some of the most pressing issues of our time—starting with climate change; 10 a.m.-4 p.m.; Penn Museum; included with museum admission (Penn Museum).

**12 Alumni Weekend 2023;** travel back to campus to show your Penn pride and reconnect with former classmates at nearly 100 Alumni Weekend events; info, prices and registration: <https://tinyurl.com/alumni-weekend-2023> (Penn Alumni). Through April 15.

**13 A Celebration of Anthony DeCurtis;** readings, talks, and toasts by an extraordinary lineup of former students of Anthony DeCurtis, English, including a punk rocker, TV producer, YA novelist, and food critic; 4 p.m.; Arts Café, Kelly Writers House, and YouTube livestream; register: <https://forms.gle/sD76T6Q7z6rUXKHS6> (Kelly Writers House).

## SPORTS

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

**6 Men's and Women's Track & Field host Ivy Heptagonal Championships;** all day; Franklin Field. Also May 7.

**10 Baseball vs. Delaware;** 3 p.m.; Meiklejohn Stadium.

**13 Baseball vs. Columbia;** 11:30 a.m. and 3 p.m.; Meiklejohn Stadium.

**14 Baseball vs. Columbia;** noon; Meiklejohn Stadium.

## TALKS

**1** *Dragons and Doves: The Effects of China's Leadership of UN Agencies*; Rachel Hulvey and Sabrina Arias, political science; 12:30 p.m.; room 418, PCPSE (Center for the Study of Contemporary China).

*Activation of the Exocyst Tethering Complex for SNARE Complex Regulation and Membrane Fusion*; Mary Munson, University of Massachusetts; 2 p.m.; Austrian Auditorium, CRB, and Zoom webinar; join: <https://penmedicine.zoom.us/j/99219477102> (Pennsylvania Muscle Institute).

*Lifting Elementary Abelian Covers of Curves*; Jianing Yang, mathematics; 3:30 p.m.; room 4C8, DRL (Mathematics).

*Roots of Wisdom*; Rena D'Souza, National Institute of Dental and Craniofacial Research; 5:30 p.m.; online webinar; register: <https://tinyurl.com/dsouza-talk-may-1> (Penn Dental).

**2** *Virtual Tours of English Gardens*; Erin Conley, Morris Arboretum; 7 p.m.; online webinar; tickets: \$25/general, \$20/members; register: <https://www.morrisarboretum.org/see-do/events/virtual-tours-english-gardens> (Morris Arboretum).

**3** *Data Science to the Rescue: Faculty Tackle Real-World Problems*; Desmond Upton Patton, SP2 and Annenberg School; Raina Merchant, emergency medicine; Greg Ridgeway, criminology and statistics; noon; online webinar; register: <https://tinyurl.com/inspiring-impact-may-3> (Inspiring Impact Virtual Series).

*Solitary Chemosensory Cells Are Immune Sentinels for Bacterial Infection & Mucosal Irritants*; Marco Tizzano, Penn Dental; 4 p.m.; Class of '62 Auditorium, John Morgan Building (Deans' Distinguished Visiting Professorship Seminar).

*What Do Financial Markets Say About the Exchange Rate?* Oleg Itskhoki, University of California Los Angeles; 4 p.m.; room 100, PCPSE (Economics).

*Marshland of Cities: Lagash and its Neighbors ca. 2500 BCE*; Holly Pittman, history of art; Reed Goodman, archaeology; 6 p.m.; Penn Museum and online webinar; tickets: \$15/general, \$10/member, \$5/virtual; register: <https://tinyurl.com/pittman-goodman-may-3> (Penn Museum).

**4** *Halakhah in the Modern World: How Jewish Law Was Rethought and Reworked in Modernity*; Yonatan Brafman, Tufts University; noon; Zoom webinar; registration for 3 sessions: \$60; register: <https://tinyurl.com/brafman-talk-may-4> (Katz Center for Advanced Judaic Studies). Also May 11, 18.

*Bioengineered Platforms for Mechanistic Understandings and Therapeutic Interventions*; Shyni Varghese, Duke University; 3:30 p.m.; Glandt Forum, Singh Center for Nanotechnology (Bioengineering).

*Structural Analysis of Xenophobia*; Yujung Hwang, Institute for Fiscal Studies; 3:30 p.m.; room 101, PCPSE (Economics).

**5** *From the Ground Up: A Soil Scientist Goes to Washington, DC*; Asmeret Asefaw Berhe, U.S. Department of Energy; 2:30 p.m.; Glandt Forum, Singh Center for Nanotechnology (Earth & Environmental Science).

**8** *Spatial Organization of Biological Functions: A Single-Molecule View of Bacterial Cell Division*; Jie Xiao, Johns Hopkins University; 2 p.m.; Austrian Auditorium, CRB, and Zoom webinar; join: <https://penmedicine.zoom.us/j/99219477102> (Pennsylvania Muscle Institute).

**9** *Human-Specific Evolutionary Mechanisms for Carcinoma Progression*; Ajit Varki, University of California San Diego; noon; online webinar; register: <https://tinyurl.com/varki-talk-may-9> (Wistar Institute).

*What Lies Beneath: The Importance of Subchondral Bone for Joint Health*; Holly Stewart, Penn Vet; 6:30 p.m.; online webinar; register: <https://tinyurl.com/stewart-talk-may-9> (Penn Vet First Tuesday Equine Lecture Series).

**11** *Intelligentsia of Nano-Architected Hierarchical Materials*; Julia Greer, California Institute of Technology; 10:30 a.m.; room 101, Levine Hall (Materials Science and Engineering).

**23** *Co-Opting the Ubiquitin System for Therapeutic Benefit*; Ingrid Wertz, Lyterian Therapeutics; noon; Caplan Auditorium, Wistar Institute (Wistar Institute).

*To Build A Research Program Investigating Metabolism on Immunologically-Driven Oral Diseases*; Joe Nguyen, National Institutes of Dental and Craniofacial Research; noon; online webinar; register: <https://tinyurl.com/nguyen-talk-may-23> (Penn Dental).

**25** *Impact of Medicaid Payment for Immediate Long-Acting Reversible Contraception on Postpartum Contraception, Birth Spacing and Infant Health*; Jessica Cohen, Harvard University; noon; auditorium, Colonial Penn Center; register: <https://tinyurl.com/cohen-talk-may-25> (Leonard Davis Institute).

**31** *Leveraging Distributed Intelligence*; Roy Pea, Stanford University; Yasmin Kafai, GSE; noon; Zoom webinar; register: <https://tinyurl.com/pea-kafai-may-31> (Graduate School of Education).

### Medical Ethics & Health Policy

Unless noted, hybrid events at room 1402, Blockley Hall and Zoom webinar. Info: <https://medicaethicshealthpolicy.med.upenn.edu/events>.

**9** *Clinical Research, Reproduction, and the Making of Biomedical Non-Knowledge*; Miranda Waggoner, Florida State University; noon; Zoom webinar only.

**16** *Returning Beta-Amyloid PET Results to Cognitively Unimpaired Research Participants*; Claire Erickson, medical ethics & health policy; noon.

**23** *The Intersection of Race and Medical Ethics/Bioethics*; Adebayo Oluwayomi, West Chester University; noon.

**30** *Policy Supports for Formal and Family Caregivers*; Katherine Miller, medical ethics & health policy; noon; Zoom webinar only.

### Microbiology

In-person and online events. Info: <https://micro.med.upenn.edu/seminars-and-events.html>.

**1** *Clostridoides Difficile at the Human-Animal Interface*; Laurel Redding, Penn Vet; 4 p.m.; room 209, Johnson Pavilion, and BlueJeans webinar.

**3** *Developing mRNA for Therapy*; Katalin Karikó, BioNTech; noon; Austrian Auditorium, CRB.

**8** *Defining Mechanisms of Caspase-1 Activation During Yersinia Pseudotuberculosis Infection*; Ronit Schwartz, microbiology; 4 p.m.; room 209, Johnson Pavilion, and BlueJeans webinar.

**10** *Running With Scissors: Evolutionary Conflicts Between Viral Proteases and the Host Immune System*; Matt Daugherty, University of California San Diego; noon; Austrian Auditorium, CRB.

**15** *Investigating the Role of a TNF-IL1 Signaling Axis in Restriction of Intestinal Yersinia Infection*; Jenna Zhang, microbiology; 4 p.m.; room 209, Johnson Pavilion, and BlueJeans webinar.

**17** *Regulation and Mechanism of Horizontal Gene Transfer by Natural Transformation*; Ankur Dalia, Indiana University Bloomington; noon; Austrian Auditorium, CRB.



Penn Live Arts presents renowned Indian dance troupe Nrityagram on May 5. See On Stage.