

# Commencement

SPRING SEMESTER 2024



## **EBERLY COLLEGE OF SCIENCE**

Sunday, May 5, 2024

The Bryce Jordan Center

1:00 p.m.



**PennState**



## **National Anthem**

*by Francis Scott Key*

O say, can you see, by the dawn's early light,  
What so proudly we hailed at the twilight's last gleaming;  
Whose broad stripes and bright stars, thro' the perilous fight,  
O'er the ramparts we watched, were so gallantly streaming?  
And the rockets' red glare, the bombs bursting in air  
Gave proof thro' the night that our flag was still there.  
O say, does that Star-Spangled Banner yet wave  
O'er the land of the free and the home of the brave!

## **Alma Mater**

*by Fred Lewis Pattee*

For the glory of old State,  
For her founders, strong and great,  
For the future that we wait,  
Raise the song, raise the song,  
  
Sing our love and loyalty,  
Sing our hopes that, bright and free,  
Rest, O Mother dear, with thee.  
All with thee, all with thee.  
  
When we stood at childhood's gate,  
Shapeless in the hands of fate,  
Thou didst mold us, dear old State,  
Dear old State, dear old State.  
  
May no act of ours bring shame  
To one heart that loves thy name,  
May our lives but swell thy fame,  
Dear old State, dear old State!

# Commencement Spring Semester 2024

Eberly College of Science  
Baccalaureate Degrees  
Sunday, May 5, 2024



**PennState**  
Eberly College  
of Science

## Message from the Dean

On behalf of the Penn State Eberly College of Science, I offer my fullest congratulations to the Class of 2024. You should be so proud of all that you have accomplished during your time at Penn State. You have brought a fresh perspective to our classrooms, our laboratories, and our research groups, and you have been part of our powerful mission to solve complex global problems. As you embark on this next exciting step in your journey, carry with you the training you have received. Apply your critical thinking, quantitative analysis, fact-based decision-making, and communication of science to meeting the world's challenges—big and small. You will follow in the rich tradition of Eberly College of Science graduates who have positively impacted humanity. We know that you will take many different paths after graduation, joining the ranks of our alumni in academia, industry, government, or following opportunities you may not yet have dreamed of. As you do so, I hope you carry the personal connections, treasured memories, and important values you have gained at Penn State with you. You have forever made your mark on Penn State, and we wish you all the success that you have rightly earned.

Mary Beth Williams, B.A., Ph.D.  
Acting Dean, Eberly College of Science

# Spring 2024 Commencement Program

## Academic Processional

Performed by Centre Brass

## National Anthem

Led by Erica Harvey

*The audience is asked to join in the singing.*

## Presiding

Tracy Langkilde, B.S., Ph.D.

Interim Executive Vice President and Provost, The Pennsylvania State University

Mary Beth Williams, B.A., Ph.D.

Acting Dean, Eberly College of Science

## Commencement Address

Holden Thorp, B.S., Ph.D.

Editor in Chief, *Science Journals*

## Authorization to Confer Degrees

Karen Quintos

Member, Board of Trustees

## Recognition of Meritorious Achievement

Acting Dean Williams

## Recognition of Student Marshals

Jennelle L. Malcos, B.S., Ph.D.

Assistant Dean for Undergraduate Students

## Recognition of Military Commissions

Lt. Col. Daniel J. Gross, United States Army

Professor of Military Science

## Conferral of Degrees

Interim Provost Langkilde

## Induction into Alumni Association

Lori Schrider

President, Eberly College of Science Alumni Society Board

## Alma Mater

Led by Erica Harvey

*The audience is asked to join in the singing.*

## Recessional

*The audience will please remain seated.*

## University Nomenclator

Ted Cristopher, B.M., M.M., D.M.A.

# Commencement Speaker

## Holden Thorp

Editor in Chief, *Science Journals*



Holden Thorp became editor in chief of the *Science* family of journals on October 28, 2019. He came to *Science* from Washington University, where he was provost from 2013 to 2019 and professor from 2013 to 2023. He is currently a professor at George Washington University and on leave to serve as the editor in chief at *Science*.

Thorp joined Washington University after spending three decades at the University of North Carolina at Chapel Hill (UNC), where he served as the 10th chancellor from 2008 through 2013.

Thorp earned a bachelor of science degree in chemistry from UNC in 1986. He earned a doctorate in chemistry in 1989 at the California Institute of Technology, working with Harry B. Gray on inorganic photochemistry. He completed postdoctoral work at Yale University with Gary W. Brudvig, working on model compounds and reactions for the manganese cluster in the photosynthetic reaction center. He holds an honorary doctor of laws degree from North Carolina Wesleyan College and is a fellow of the American Academy of Arts and Sciences, the National Academy of Inventors, and the American Association for the Advancement of Science.

Thorp cofounded Viamet Pharmaceuticals, which developed VIVJOA (oteseconazole), now approved by the U.S. Food and

Drug Administration (FDA) and marketed by Mycovia Pharmaceuticals. Thorp is a venture partner at Hatteras Venture Partners, a consultant to Ancora and Urban Impact Advisors, and is on the board of directors of PBS, the College Advising Corps, and Saint Louis University. He serves on the scientific advisory boards of the Yale School of Medicine and the Underwriters' Laboratories Research Institutes.

Thorp is the coauthor, with Buck Goldstein, of two books on higher education: *Engines of Innovation: The Entrepreneurial University in the Twenty-First Century* and *Our Higher Calling: Rebuilding the Partnership Between America and its Colleges and Universities*, both from the University of North Carolina Press.

# College Marshal

## Anqi Wang



**Anqi Wang** of Berwyn, Pennsylvania, will be honored as the student marshal for the Eberly College of Science during Penn State's spring 2024 commencement ceremonies on Sunday, May 5, on the University Park campus.

Wang will graduate with a 4.0 grade-point average and bachelor's degrees in statistics and biochemistry and molecular biology. During her time as an undergraduate student, Wang received the Evan Pugh Scholar Senior Award and the President's Freshman Award, was the Penn State nominee of the Barry M. Goldwater Scholarship, and was a member of the dean's list for eight semesters.

"During the past four years, I have taken a lot of honors courses and kept challenging myself academically. I successfully diversified my academic experiences by having two very distinct majors and having both wet-lab and computational research experiences," Wang said. "Now I am confident to say that I have received a high-quality education at Penn State, and I am happy that I chose to come here."

At Penn State, Wang performed research with **Joyce Jose**, assistant professor of biochemistry and molecular biology, as an undergraduate researcher in virology. She joined the Jose lab because of her desire to understand the cause and outbreak of the COVID-19 virus.

"My independent research project under the guidance of Dr. Joyce Jose and Dr. Annapurna Narayanan was a success:

I generated vaccine candidates against Powassan virus infections as I also learned about experimental design, troubleshooting, and scientific communications," she said. "Although I enjoy virology research very much, I also feel compelled to diversify my research and learning experiences. I began exploring quantitative and statistical research through working with Dr. Marie-Abèle Bind from Harvard Medical School and MGH Biostatistics, leading to my immediate deep appreciation for computational methods. I am beyond grateful for all the support and guidance I have received from my research mentors."

In addition to her research and coursework, Wang was involved in multiple extracurricular activities on campus. She was a member of Mu Sigma Rho, the national honor society for statistics; and the Honor Society of Phi Kappa Phi; and she served as treasurer of the student organization Nittany Data Labs.

Wang said she is thankful for her experience at Penn State, and that everything she learned will be applied to the next step of her academic career—the statistics doctoral program at UC Berkeley.

"Overall, Penn State taught me to be a curious, thorough, and proactive student through research and interacting with professors," she said. "Taking advantage of various opportunities and meaningful experiences at Penn State well prepared me for joining the statistics Ph.D. program at UC Berkeley, which will be my next milestone starting this fall."

A graduate of Conestoga High School in Berwyn, Pennsylvania, Wang will be accompanied by her father, Weiming Wang.



# Department Marshals and Faculty Escorts

## Anna Tartaglia—Astronomy and Astrophysics

Representing the major of Astronomy and Astrophysics is student marshal **Anna Tartaglia**. Anna is from Sparta, New Jersey, and celebrates this honor with her parents, Sharon and Anthony Tartaglia, who are in attendance today. Anna is escorted by **Donald P. Schneider**, professor of astronomy and astrophysics.

Anna graduates with a bachelor's degree in astronomy and astrophysics and a bachelor's degree in physics. Anna conducted research with V. Ashley Villar and Kazu Akiyama at MIT Haystack Observatory. She is a member of the Schreyer Honors College, Sigma Pi Sigma honor society, and the Eberly College of Science Academic Integrity Committee. Anna was the recipient of the Schreyer Honors College Academic Excellence Scholarship (2020–2024), John and Elizabeth Holmes Teas Scholarship (2023), NASA Pennsylvania Space Grant Consortium Undergraduate Scholarship (2023), and Homer F. Braddock College of Science Memorial Scholarship and was on the Dean's List from fall 2020 to fall 2023.

After graduation, Anna plans to attend Harvard University to pursue a Ph.D.

## Abigail Minnich—Planetary Science and Astronomy

Representing the major of Planetary Science and Astronomy is student marshal **Abigail Minnich**. Abigail is from Lancaster, Pennsylvania, and celebrates this honor with her parents, Rachel and Tom Minnich, and brothers Thomas and Jonathan, who are in attendance today. Abigail is escorted by **Chris Palma**, teaching professor of astronomy and astrophysics.

Abigail graduates with a bachelor's degree in planetary science and astronomy and a bachelor's degree in film production. Abigail conducted research with Suvrath Mahadevan. Abigail was the recipient of the Davis Ethics Award (2022, 2023) and the Blue and White Film Festival award (2023, 2024). She is a board member of the Penn State Astronomy Club, member of the Phi Beta Kappa Honors Society, member of the Penn State Student Film Organization, and founder and director of the PSNtv show Asking Penn State.

After graduation, Abigail plans to continue her love of science communication with NASA as a science communicator, or companies that work with or for NASA.

## Joshua Ryan Sokol—Biochemistry and Molecular Biology

Representing the major of Biochemistry and Molecular Biology is student marshal **Joshua Sokol**. Joshua is from Overland Park, Kansas, and celebrates this honor with his father, Bruce Sokol, a Penn State alumnus from Philadelphia, Pennsylvania, and mother, Jean Sokol of Appleton, Wisconsin, who are in attendance today. Jacob is escorted by **Song Tan**, professor of biology and biochemistry and molecular biology.

Joshua graduates with a bachelor's degree in biochemistry and molecular biology and a bachelor's degree in chemistry and is a Schreyer Scholar. Joshua conducted research in the Tan lab and was the recipient of an Eberly College of Science undergraduate research award in fall 2021. His undergraduate honors and awards include the Academic Excellence Scholarship (2020, 2021, 2022, 2023), Bruce V. and Elsa Ottinger Weidner Scholarship in Chemistry (fall 2023, spring 2024), Triangle Fraternity Academic Excellence Scholarship (fall 2021, fall 2023), Penn State Student Engagement Network Grant (spring 2022), and Ean H.C. Memorial Scholarship (fall 2021).

In addition to being an avid weight lifter, Joshua is a Triangle Fraternity member and the intramural inner-tube water polo champion.

After graduation, Joshua plans to attend the University of Pennsylvania or Princeton University to pursue a Ph.D. in pharmacology or chemistry.

## Isabelle Johnson—Biotechnology

Representing the major of Biotechnology is student marshal **Isabelle Johnson**. Isabelle is from Hummelstown, Pennsylvania, and celebrates this honor with her parents, Scott and Michele Johnson, who are in attendance today. Isabelle is escorted by **Mary Beth Miele**, program director, Medical Laboratory Science, Penn State Health Milton S. Hershey Medical Center.

Isabelle graduates with a bachelor's degree in biotechnology and a minor in microbiology. She was on the Dean's List every semester and was the recipient of the President's Freshman Award (2021), Class of 1922 Memorial Scholarship (2022), Ruth Ott Scholarship in Biotechnology (2021, 2022, 2023), Richard I. Maginnis Memorial Scholarship in Medical Technology (2023), and Mel Chrostowski Endowed Scholarship (2022, 2023). During her time at Penn State, she was involved in THON and served as the finance captain (2021, 2022) and the donor and alumni relations captain,



(2022, 2023). She also served as the University Park Undergraduate Association director of health and wellness organizations from 2021 to 2023.

After graduation, Isabelle will be starting a position as a medical laboratory scientist in the Microbiology Laboratory at Penn State Health Milton S. Hershey Medical Center.

### **Helen Gjino—Forensic Science**

Representing the major of Forensic Science is student marshal **Helen Gjino**. Helen is from Watertown, Massachusetts, and celebrates this honor with her parents, Diana and Yli Gjino, and boyfriend, George Gatarov, who are in attendance today. Helen is escorted by **Michael Kusluski**, assistant teaching professor of forensic science.

Helen graduates with a bachelor's degree in forensic science. She conducted research in the Kusluski lab. She was treasurer of the Forensic Students' Social Hour, event planner of the Penn State Swing Dance Club, and a member of the Delta Delta Epsilon international forensic science honor society. Helen was the recipient of the Penn State Provost's Award (2020, 2021, 2022, 2023) and Wieland Scholarship (2022, 2023, 2024) and was on the Dean's List each semester.

After graduation, Helen plans to find a research job to gain experience before continuing on to medical school to become a forensic pathologist.

### **Brittany M. Stump—Microbiology**

Representing the major of Microbiology is student marshal **Brittany Stump**. Brittany is from York, Pennsylvania, and celebrates this honor with her parents, Terry Stump and Karen Stump, and siblings Charity Stump, Micah Stump, and TJ Stump, who are in attendance today. Brittany is escorted by **Greg Broussard**, associate teaching professor of biochemistry and molecular biology.

Brittany graduates with a bachelor's degree in microbiology. Brittany conducted research in the Petko lab at Penn State York during her undergraduate career. She was a member of the York Campus Honors College (2020–2022), served as a chemistry peer tutor (2021, 2022), OLLI copresenter (2022), and Pathways to Your Future coinstructor (2022) and was a Science Dean's Scholar (2022–2024). She received a second-place Penn State University Libraries Research Award in 2022, the Tutor of the Year Award in 2022, and the Freshman Chemistry Award in 2021. Brittany was on the Dean's List seven times.

After graduation, Brittany plans to pursue a career working in a diagnostic microbiology laboratory.

### **Jenna Patel—Biology**

Representing the major of Biology is student marshal **Jenna Patel**. Jenna is from Clarks Summit, Pennsylvania, and celebrates this honor with her parents, Paresh and Ashika Patel, brother and sister-in-law Dillan and Megha Patel, sister Jasmin Patel, and grandmother Chandrika Patel, who are in attendance today. Jenna is escorted by **Emily Davenport**, assistant professor of biology.

Jenna is a Schreyer Scholar who graduates with a bachelor's degree in biology. She conducted research in the Gu lab during her undergraduate career. Jenna was a member of the of the Pre-Dental Society and Operation Smile and was inducted into the Alpha Epsilon Delta national health preprofessional honors society. She received the Schreyer Honors College Academic Excellence Scholarship (2020–2024), President's Freshman Award (2021), NASA Pennsylvania Space Grant (2021), President Sparks Award (2022), Edward C. Hammond Jr. Memorial Scholarship (2022), Eberly College of Science Global Experiences Scholarship (2022), Schreyer Honors College Travel Grant (2022), Evan Pugh Scholar Award (2022), and Anita M. Collins Undergraduate Student Research Award (2023).

After graduation, Jenna will be attending the University of Pennsylvania School of Dental Medicine.

### **Kayla Madison Hauer—Chemistry**

Representing the major of Chemistry is student marshal **Kayla Hauer**. Kayla is from Elysburg, Pennsylvania, and celebrates this honor with her parents, Steve and Allison Hauer, brother and sister Ryan and Lauren Hauer, and grandparents, Don and Cindy Banta and Steven and Patricia Hauer, who are in attendance today. Kaylan is escorted by **Jackie Bortiatynski**, teaching professor of chemistry and director of the Center for Excellence in Science Education.

Kayla graduates with a bachelor's degree in chemistry. She conducted research in the Elacqua lab during her undergraduate career. She was a member of the Nittany Chemical Society, teaching assistant for CHEM 212, and learning assistant for CHEM 110, CHEM 130, and PSU 16 in addition to volunteering at an animal shelter and making the Dean's List each semester. Kayla was the recipient of the Homer F. Braddock College of Science Memorial Scholarship (2020), President's Freshman Award (2021), President's Spark Award (2022), Learning Assistant Excellence Scholarship (2022), Charles and Dorothy Neidig Scholarship (2022), and John and Elizabeth Holmes Teas Scholarship (2023).

After graduation, Kayla plans to attend the University of Virginia to pursue a Ph.D. in chemistry.

### Ryan Matthew Cohen—Mathematics

Representing the major of Mathematics is student marshal **Ryan Cohen**. Ryan is from Villanova, Pennsylvania, and celebrates this honor with his parents, Bart and Terri Cohen, and sisters Marisa and Maya, who are in attendance today. Ryan is escorted by **Xiantao Li**, professor of mathematics.

Ryan graduates with a bachelor's degree in mathematics. He conducted research in the Li lab and the Henderson lab at Penn State. He participated in the Math Club and was a volunteer at Centre County PAWS. Ryan was the recipient of Jabir Shibley Memorial Scholarship in Mathematics (2023, 2024) and the William B. Forest Honors Scholarship in Mathematics (2022, 2023).

After graduation, Ryan plans to work as a data scientist.

### Gus Otto Eberlein—Physics

Representing the major of Physics is student marshal **Gus Eberlein**. Gus is from Camp Hill, Pennsylvania, and celebrates this honor with his mother, Kelli Kauterman, stepfather, David Richwine, and sister Tessa Eberlein. Gus is escorted by **Richard Robinett**, professor emeritus of physics.

Gus graduates with a bachelor's degree in physics and a bachelor's degree in astronomy and astrophysics. He was a member of the dark matter research group and conducted research with Luiz de Viveiros and Carmen Carmona-Benitez. Gus served as a member/data analyst of the Pulsar Search Collaboratory and held the office of treasurer (2022–2023) and president (2023–2024). He also served as a learning assistant for six unique courses in astronomy and physics and was a member of the Sigma Pi Sigma physics honor society. Gus was a recipient of the John and Elizabeth Holmes Teas Scholarship (2021, 2022, 2023), Evan Pugh Scholar Award (2023), Presidents Sparks Award (2022), and President Walker Award (2021).

After graduation, Gus plans to pursue a Ph.D. in physics at the University of New Hampshire, with a career goal of becoming a teaching professor of physics.

### Wilson Lin—Premedicine

Representing the major of Premedicine is student marshal **Wilson Lin**. Wilson is from Hanover, Pennsylvania, and celebrates this honor with his parents, Youhai and Yu Lin, and brother Alvin Lin, who are all in attendance today. Wilson is escorted by **James Strauss**, a teaching professor of biology.

Wilson graduates with a bachelor's degree in

premedicine. He conducted research in the Elacqua lab during his undergraduate career. He was a member of the Phi Kappa Tau fraternity and THON committee and was medical assistant for Hanover Family Practice, located in his hometown. Wilson was the recipient of the Nicely Ridge Foundation Scholarship, President's Walker Award, and President Sparks Award and was on the Dean's List every semester.

After graduation, Wilson plans to take a gap year and work as a medical assistant before attending medical school to pursue a career as a trauma surgeon.

### Samantha Mackenzie Gaidula—Science

Representing the major of Science is student marshal **Samantha Gaidula**. Samantha is from Clarks Summit, Pennsylvania, and celebrates this honor with her parents, James and Susan Gaidula, aunt Michele Gaidula, uncle John Gaidula, cousin Gianna Gaidula, and grandfather John Gaidula, who are in attendance today. Samantha is escorted by **Beth Johnson**, undergraduate head, Science program.

Samantha graduates with a bachelor's degree in science. She conducted research in the Weyrich lab during her undergraduate career. She was a member of the National Society of Leadership and Success and was the recipient of the President Walker Award (2021), President Sparks Award (2022), Learning Assistant Excellence Scholarship (2022, 2023), and Evan Pugh Scholar Award, Senior (2023).

After graduation, Samantha plans to attend the Geisinger Commonwealth School of Medicine to pursue her M.D. degree.

### Ryan Von Dang—Statistics

Representing the major of Statistics is student marshal **Ryan Dang**. Ryan is from Lancaster, Pennsylvania, and celebrates this honor with his parents, Lieu and Binh Minh Dinh, brother Alan Dang, and aunt Mai Dang, who are all Penn State alumni and in attendance today. Ryan is escorted by **Michelle Paret**, assistant teaching professor of statistics.

Ryan graduates with a bachelor's degree in statistics and a bachelor's degree in computer science. He was on the Dean's List every semester and was the recipient of the Matthew Rosenshine Fund (2023, 2024), William G. and Elizabeth K. Leitzell Scholarship (2020, 2021, 2022), and Ready to Succeed Scholarship (2023, 2024). He was a member of the Vietnamese Student Association Club and enjoys playing soccer.

After graduation, Ryan plans to pursue a master's degree in computer science.

## Jingxuan Wang—Data Sciences

Representing the major of Data Sciences is student marshal **Jingxuan Wang**. Jingxuan is from Zhengzhou Henan, China, and celebrates this honor with his mother, Shuiping Xu, who is in attendance today. Jingxuan is escorted by **Fenglong Ma**, assistant professor of information sciences and technology.

Jingxuan graduates with a bachelor's degree in data sciences and a bachelor's degree in mathematics. He conducted research in the Ma lab during his undergraduate career. Jingxuan was a member of Phi Kappa Phi honor society and Mu Sigma Rho, the national statistics honor society. Jingxuan was on the Dean's List for six semesters.

After graduation, Jingxuan plans to pursue a Ph.D. degree in data science.

## Blake Nizinski—Army Reserve Officer Training Corps (ROTC)

Representing the Army Reserve Officer Training Corps (ROTC) is student marshal **Blake Nizinski**. Blake is from Danville, Pennsylvania. He is escorted by Lt. Col. Daniel Gross, professor of military science. Blake graduates with a bachelor's degree in biology. As an Army ROTC cadet, Blake completed an internship with the Army Medical Department and served as the Nittany Lion Battalion's Alpha Company commander in the fall of 2023. He also worked part time as an inpatient nursing assistant at Geisinger Medical Center.

After graduation, Blake will attend the Physician Assistant program at the Penn State College of Medicine. Upon completion, he will serve as an active-duty officer as a physician assistant in the Medical Specialist Corps.



# Department and Program Representatives

**Philip Bevilacqua**, B.S., Ph.D.

Head, Department of Chemistry; Distinguished Professor of Chemistry and Biochemistry and Molecular Biology

**Santhosh Girirajan**, M.B.B.S., Ph.D.

Interim Head, Department of Biochemistry and Molecular Biology; Professor of Genomics

**Murali Haran**, B.S., M.S., Ph.D.

Professor and Head, Department of Statistics

**Beth Johnson**, B.S., Ph.D.

Undergraduate Program Head, Science

**Paul Milewski**, B.S., M.S., Ph.D.

Professor and Head, Department of Mathematics

**Melissa Krajcovic**, B.A., Ph.D.

Undergraduate Program Head, Premedicine

**Randall McEntaffer**, B.S., Ph.D.

Professor and Head, Department of Astronomy and Astrophysics

**Elizabeth McGraw**, B.S., Ph.D.

Professor and Head, Department of Biology

**Mauricio Terrones**, B.S., Ph.D.

Evan Pugh University Professor; Professor of Chemistry and Materials Science and Engineering; George A. and Margaret M. Downsborough Head, Department of Physics

## Faculty Marshals

**John Waters**, B.S., M.S., Ph.D.

Teaching Professor of Biology and Anthropology,  
Associate Head of Undergraduate Education,  
Department of Biology

**Carla Hass**, B.S., M.S., Ph.D.

Teaching Professor of Biology,  
Associate Head for Curricular Coordination, Department  
of Biology

**Carolyn Jensen**, B.S., M.S., Ph.D.

Director, Academic Advising Center

**Peter Jurs**, B.S., Ph.D.

Professor Emeritus of Chemistry

**Barbara DeHart**, M.S.

Assistant Teaching Professor of Biology, Director of  
Undergraduate Advising, Department of Biology

**Peter C. Jurs**, B.S., Ph.D.

Professor Emeritus of Chemistry

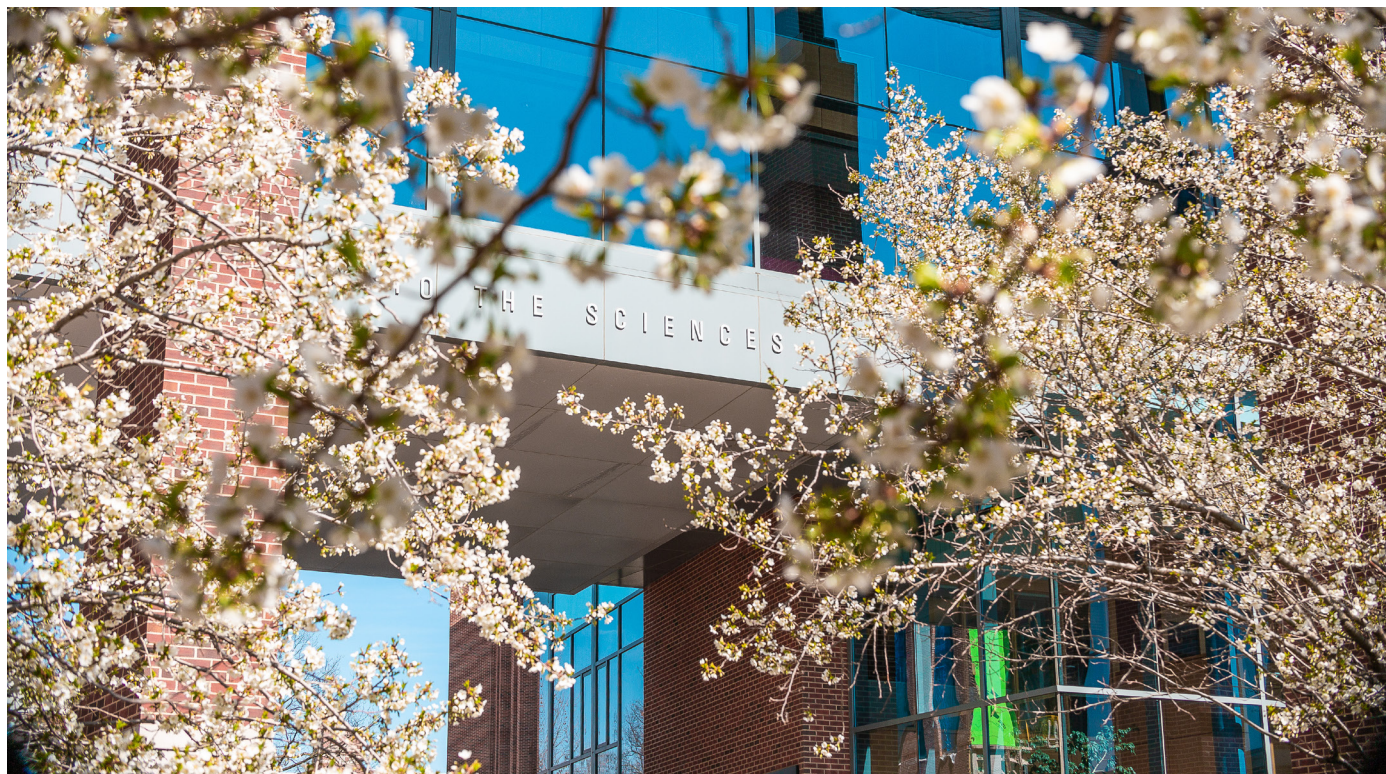
**Jennifer Stingelin Keefer**, B.S., M.S.

Academic Adviser, Department of Biochemistry and  
Molecular Biology

**John Neisser**, B.A., M.D.

Assistant Teaching Professor of Biology

# History of the Eberly College of Science



On March 17, 1990, Penn State's Board of Trustees renamed the College of Science to honor one of its most generous benefactors—the Eberly Family Charitable Trust of Uniontown—and at the spring commencement of the Class of 1990, the formal naming of the Eberly College of Science occurred, inaugurating a new chapter in the long and distinguished history of science education and research at the University. The occasion also marked the first time that a public research university named its basic science college for a benefactor.

The Eberly College of Science began as a department of chemistry, becoming the School of Natural Science in 1896, the School of Chemistry and Physics in 1926, the College of Chemistry and Physics in 1953, and the College of Science in 1963. It has always had as its central goals the education of first-rate scientists and generation of high-quality research. Today, with more than 46,000 alumni and more than \$95 million spent annually on research (provided mostly by grants and contracts from government and industry), the college demonstrates real success.

In 1986, the Eberly Family Trust gave \$10 million to establish a chair in each of the college's departments, to create endowments for biotechnology, and to provide funding for the Hobby-Eberly Telescope. The gift was among the largest donations made to the campaign for Penn State, the University's successful six-year

effort to raise \$300 million in private support. Trustee Manager Robert Eberly, who graduated from Penn State in 1939 with a bachelor's degree in chemistry, served as campaign treasurer. It was the first time in all of higher education philanthropy that an academic college received, in a single gift, endowed chairs for every one of its departments.

The support of the Eberly family and other generous benefactors has allowed the college to attract and retain faculty members of worldwide renown, to provide access for able students from a wide range of backgrounds, and to enhance academic programs.

This margin of excellence is readily evident within the college and in the enhanced national and international prestige of Penn State and its science programs. Current and prospective students and faculty members are excited about the vitality of these programs and the energy with which they are being pursued.

The Eberly College of Science stands as a legacy to the vision and commitment of the Eberly family and other benefactors whose philanthropy will be felt for generations to come.

# To Our Guests

We welcome you to the commencement exercises for baccalaureate degree candidates.

Commencement, the solemn but joyful climax and recognition of the graduates' years of study, is an important occasion to the University and its faculty, staff, and students. All guests and participants are requested to avoid unnecessary conversation or moving about during the exercises.

Only authorized press and University photographers are permitted on the floor to take pictures once the exercises are in progress.

When the processional party enters at the beginning of the ceremony, the audience rises. They remain standing until all members of the platform party have taken their places on the platform and during the singing of the national anthem.

Applause should be withheld during the presentation of the individual candidates; however, they may be applauded after all candidates have been recognized.

Following the singing of the alma mater, there is a recessional, and the audience is requested to remain seated during this period.

## Bryce Jordan Center Information

A **first aid station** is located on the concourse level (south side) between Gates C and D.

**Restrooms** are located throughout the concourse area.

**Lost and found** articles will be taken to the administrative offices located on the second level of the facility (Room 127).

**To order official transcripts:** call 814-865-6357 for instructions, or visit [registrar.psu.edu](http://registrar.psu.edu).

Penn State encourages persons with disabilities to participate in its programs and activities. If you anticipate needing any type of accommodation or have questions about the physical access provided, please contact the Office of Strategic Communications at 814-865-2501.

**Notice:** The possession or consumption of alcoholic beverages in any indoor commencement facility is prohibited. Your admission to any of these facilities is conditional upon compliance with the above. The University reserves the right to refuse admission to, or remove, any person who violates this prohibition.

We also ask that cell phones be turned off.



# Graduates

**Please note:** The information in this document was produced March 14, 2024, as an unofficial list of students who indicated intent to graduate spring semester 2024. Students who indicated their intent to graduate after that production date are not listed.

Subject to completion of all degree requirements, degrees will be conferred as indicated upon the individuals listed herein and upon such others as may meet the requirements.

\*\*\* Summa Cum Laude (4.00)

\*\* Magna Cum Laude (3.96)

\* Cum Laude (3.90)

+ Schreyer Honors College

◆ Millennium Scholar

† Science Dean's Scholar

## Astronomy and Astrophysics

### Bachelor of Science

William Albert Bevidas Jr.  
Jacob Cole Buffington  
Akshat Chaturvedi  
David Crisman Chew  
Allison Taylor Colarelli  
Nathan Cristello  
Aiden Crowley  
Gus Otto Eberlein\*\*\*+  
Joel Isaac Hodges\*\*  
Aaleyah Lawson  
Elisha McClellan  
Cole Allen Penkunas+  
Collin Spencer Reichard  
Anna R. Tartaglia\*\*+  
Anthony Jensen Tavana  
Derrick Vincent  
Thomas Francis Wilton  
Jiale Xiao  
Zihao Zuo\*\*

## Biochemistry and Molecular Biology

### Bachelor of Science

Cole Caron  
Benjamin Chang\*\*  
Gabriella Noelle Chatman◆  
Anna Catherine Chronowski  
Rachel Allison Cook\*  
Andrew McLain Curtis  
Chiara Dooley  
Elizabeth Marianne Eberwein  
Alison Sarah Eidman  
Matthew Robert Fehrle

Gareth Michael Francis  
Patrick Joseph McEntee Freed\*  
Ashley Gelin◆  
Clara Gilloteau  
Jene Alexa Goodwin  
Alek Hunter Grady  
Rachel Harter\*\*+  
Juan Diego Hernandez Estupinan  
Dylan Anderson Himstedt  
Christina An Ho  
Jonathan Bradley Horst\*  
Bill Hyun Su Im  
Katelin Clara Johndrow  
Shaina Villanueva Johnson  
Brandon Prosper Kocevar  
Suzanne Elizabeth Kozloski\*\*+  
Hannah Maye LaRue  
Kaitlin Lin†  
George Loukopoulos  
Antonia Anna Lucania  
Alexandra Marie Madel  
Emily Anne McNaughton  
Jennifer Rose Miller  
Kyungjun Min  
Emma Morris  
Riley Elizabeth Morrow  
Isabella Munoz+  
Abigayle Paige Nafus  
Caroline Lee Naugle  
Aubrianna Navaroli  
Meghan Uyen Khanh Nguyen  
Olivia Catharine Noel\*  
Miranda Anne O'Malley†  
Mia Marie Peifer  
Justin Michael Riedhammer  
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## Biology

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## Biotechnology

### Bachelor of Science

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## Chemistry

### Bachelor of Science

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### Bachelor of Science

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Young Hoon Kim  
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## Forensic Science

### Bachelor of Science

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### Bachelor of Arts

Yuxiang Ma

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I GEO On YE  
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### Science

### Bachelor of Science

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Yayuan Wen  
Guoheng Wu  
Huanzhang Xia  
Yue Yang  
I GEOn YE  
Yamin Zhang\*  
Shuyin Zheng  
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# Seating Chart

Stage

Student Marshals and Escorts

Student Marshals and Escorts

Faculty

Faculty

Astronomy and Astrophysics

Chemistry

Planetary Science and Astronomy

Mathematics

Biochemistry  
and  
Molecular Biology

Physics

Biotechnology

Premedicine

Forensic Science

Science

Microbiology

Statistics

Biology

Data Sciences

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