

Commencement

SPRING SEMESTER 2023



COLLEGE OF AGRICULTURAL SCIENCES

Sunday, May 7, 2023

Pegula Ice Arena

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!

DEAN'S MESSAGE

Welcome, Class of 2023, and greetings to the family members and loved ones joining you for this commencement celebration. I'm Rick Roush, dean of the College of Agricultural Sciences, and it gives me tremendous joy to acknowledge your achievements of the past several years—a process of learning and hard work that culminates in your degree. Today marks not an end but a beginning as we send you on to new adventures and opportunities.



You're launching careers at a time that is both exciting and challenging.

We, as a society, find ourselves in an era of accelerating innovations in technology, an expanding population, new methods of producing food, shrinking acreage available for growing and raising food, and increased weather-related problems around the globe.

Agricultural science is a common thread through it all—and the College of Agricultural Sciences is leading the charge in research and innovation. We're seeking climate-smart solutions to reduce greenhouse gases, improve water quality, bolster food security, and harness alternative energy sources.

Penn State has been at the forefront of research in practices to conserve soil and sequester carbon. We're also testing new methods to reduce agricultural emissions of gases such as methane and nitrous oxide. As these methods become more widely adopted, we are measuring increased productivity, reduced input costs, and improved quality of yields. We're even opening new market opportunities that may inspire the more entrepreneurial among you.

Graduates, you possess the knowledge and skills that industry and organizations need now to address pressing concerns and create new opportunities.

You've developed the ability to think critically to analyze and adapt to continually changing conditions. You're well equipped to become the scientists, educators, businesspeople, ag producers, health professionals, engineers, and leaders who will tackle the challenges of the future. Your efforts will strengthen our communities and make a better world.

As you take the next step in your career and in life, I urge you to remember the relationships you've built here on Ag Hill that have enriched your journey. Stay connected as alumni and as members of the Ag Sciences family, strengthen the networks you have founded here, so that we and the students who follow you can continue to learn from your expanding experience.

We're excited to see all you'll accomplish.

Good luck, be well, and stay in touch!

All the best,

A handwritten signature in blue ink that reads "Richard Roush". The signature is written in a cursive, flowing style.

Richard T. Roush

To Our Guests

We welcome you to the commencement exercises for the baccalaureate and associate degree candidates in the College of Agricultural Sciences.

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

At the beginning of the ceremony, the processional party enters and the audience rises, if they are able. The audience remains standing until all members of the platform party have taken their

place on the stage and the national anthem concludes. At the end of the program, the alma mater will be sung, followed by a recessional. The audience is requested to remain seated during this period.

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.

COMMENCEMENT PROGRAM

Sunday, May 7, 2023

ACADEMIC PROCESSIONAL

Performed by **Centre Brass**

NATIONAL ANTHEM

Led by **Katrina Cole**

The audience is asked to join in the singing.

PRESIDING

Neeli Bendapudi, B.A., M.B.A., Ph.D.
President of The Pennsylvania State University

Richard Roush, B.S., Ph.D.
Dean, College of Agricultural Sciences

COMMENCEMENT ADDRESS

Russell C. Redding, Secretary
Pennsylvania Department of Agriculture

AUTHORIZATION TO CONFER DEGREES

Valerie L. Detwiler, B.S.
Member, Board of Trustees

RECOGNITION OF MERITORIOUS ACHIEVEMENT

Dean Roush

RECOGNITION OF STUDENT MARSHALS

Tracy S. Hoover, B.S., M.Ag., Ph.D.
Associate Dean for Undergraduate Education,
College of Agricultural Sciences

CONFERRAL OF DEGREES

President Bendapudi

INDUCTION INTO THE ALUMNI ASSOCIATION

Matt Owens, B.S., M.B.A.
President, College of Agricultural Sciences
Alumni Society

ALMA MATER

Led by **Katrina Cole**

You are invited to join in the singing.

RECESSIONAL

Performed by **Centre Brass**

PROGRAM NOTES

This is an unofficial list of students who indicated an intent to graduate for spring semester and contains the list of candidates for graduation as of March 16, 2023.

Students who indicated their intent to graduate after that date are not listed in this program.

Distinction lists are based upon fall grades.

A student's distinction level could change after spring grades are finalized, and the final distinction level will be printed on the diploma.

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.

Congratulations on your achievements!

DEPARTMENT AND PROGRAM REPRESENTATIVES

Suat Irmak, B.Sc., M.S., Ph.D.

Department Head of Agricultural and Biological Engineering

David Abler, B.A., Ph.D.

Interim Department Head of Agricultural Economics,
Sociology, and Education

Adele M. Turzillo, B.A., Ph.D.

Department Head of Animal Science

Bradley Cardinale, B.S., M.S., Ph.D.

Department Head of Ecosystem Science and Management

Gary Felton, B.S., M.S., Ph.D.

Department Head of Entomology

Robert F. Roberts, B.S., M.S., Ph.D.

Department Head of Food Science

María del Mar Jiménez Gasco, M.Eng., Ph.D.

Interim Department Head of Plant Pathology
and Environmental Microbiology

Erin L. Connolly, B.A., Ph.D.

Department Head of Plant Science

K. Sandeep Prabhu, Ph.D.

Department Head of Veterinary and Biomedical Sciences

Robert D. Shannon, B.S., M.S., Ph.D.

Program Coordinator of Environmental Resource Management

COLLEGE NOMENCLATOR

Derek A. James, B.S., M.S.

UNIVERSITY MARSHALS

R. Allen Kimel, B.S., M.S., Ph.D.
Robert G. Melton, B.S., M.S., Ph.D.

COLLEGE MARSHALS

Lori L. Connelly, B.S., M.S.
Siobhan L. Fathel, B.S., B.A., M.S., Ph.D.
Jenneth R. Layaou, B.A.
Dianne M. Petrunak, B.S., M.S.
Tammy M. Shannon, B.A., M.Ed.
Matthew J. Stumpf, B.S., M.A.

COMMENCEMENT SPEAKER

Russell Redding

Secretary of Agriculture, Pennsylvania



Governor Josh Shapiro nominated Russell C. Redding to continue as secretary after serving under Governor Tom Wolf as the 26th secretary of agriculture for the Commonwealth of Pennsylvania. He is former dean of the School of Agriculture and Environmental Sciences at Delaware Valley University.

Redding has extensive experience as a public servant,

having spent more than 30 years serving Pennsylvania in Harrisburg and Washington, D.C. He worked on Capitol Hill as

ag policy adviser to U.S. Senator Harris Wofford and served for nearly 25 years in the Pennsylvania Department of Agriculture, serving as secretary from 2009–2011 under Governor Ed Rendell, and from 2015–2022 under Governor Tom Wolf. He currently serves on the Agriculture Subcommittee of the U.S. Department of Agriculture’s Equity Commission.

He earned his B.S. in Agriculture Education and M.S. in Agriculture and Extension Education from Penn State. In addition, he is a graduate of the Agribusiness Executive Program. A native of Pennsylvania, Redding has an innate understanding of food and agriculture, stemming from his youth on his family’s dairy farm and his time as a dairy farm operator. He and his wife, Nina, have two adult sons and own and operate a farm in Gettysburg.

COLLEGE MARSHAL

Isabella Briseño



Isabella Briseño, daughter of Cesar Briseño and Julie Stanton, majored in both Environmental Resource Management and Political Science. At Penn State, the Pilesgrove, New Jersey, native was the executive director of environmental sustainability in the University Park Undergraduate Association, a member of the Student Sustainability Advisory Council, and the employee engagement and academic programs intern at the Sustainability Institute.

Bella has partnered with the city of Scranton, Pennsylvania, in the Local Climate Action Program to complete the munic-

ipality's greenhouse gas inventory and coordinate climate action planning. She has conducted undergraduate research using ArcGIS StoryMaps to showcase diverse perspectives for comprehensive ocean solutions and is an independent ArcGIS contractor for the Healthy Ocean Coalition. Bella serves as the undergraduate representative on the Ocean Advisory Council under the Hispanic Access Foundation.

Awards include the Gamma Sigma Delta 2023 Outstanding Undergraduate in the Senior Class, the Evan Pugh Scholar Senior Award, and the President's Freshman Award.

The summa cum laude graduate aspires to work with municipalities to improve equity and sustainability in communities, focusing on education and making marginalized communities more climate-resilient.

DEPARTMENT MARSHALS

AGRICULTURAL AND BIOLOGICAL ENGINEERING

Shea Sarsfield



Shea Sarsfield is graduating summa cum laude with a major in BioRenewable Systems and an option in Bio-products.

At Penn State, he was a member of the BioRenewable Systems Club and president of the Tarriff Center Scholars in the Smeal College of Business. The Tarriff Center for Business Ethics and Social Responsibility aims

to advance ethical business practices. Tarriff Scholars work to develop their own critical thinking and communications skills in ethical literacy.

Shea, a Hershey, Pennsylvania, native, also conducted research in the laboratory of Stephen Chmely, assistant professor of agricultural and biological engineering. He investigated the mechanical properties of bio-based, 3D-printed hydrogels.

The son of Erin Sarsfield and Bob Sarsfield, Shea plans to apply to medical school.

Continued

Department Marshals, continued

**AGRICULTURAL ECONOMICS, SOCIOLOGY,
AND EDUCATION**

Cade Martin



Cade Martin, son of Donald Martin and Denise Martin, is graduating summa cum laude with a major in Agribusiness Management and a specialization in animal science. His work at Penn State gave him insight into the financial side of agricultural production while allowing him to focus on animal agriculture and how to properly manage livestock operations.

The Chambersburg, Pennsylvania, native received the James and Gertrude Leamer Scholarship Endowment for Excellence, the President's Freshman Award, the President Sparks Award, and the Evan Pugh Scholar Senior Award.

Cade was a member of Disciple Makers Christian Fellowship and the Dairy Science Club.

Following graduation, Cade plans to take a position as assistant farm manager at Falling Spring Farms LLC, his family's dairy operation, where he has been officially employed part-time since May 2017.

ANIMAL SCIENCE

Karoline Waldinger



Karoline Waldinger of Tyrone, Pennsylvania, is graduating magna cum laude with a major in Animal Science and a minor in Equine Science.

A Dean's List student, Karoline is a four-year recipient of the Penn State Provost Award and a three-year recipient of the American Society of Animal Science Scholastic Achievement

Award. She also received the College of Agricultural Sciences Alumni Society First-Year Scholarship, the Smith Scholarship in Agricultural Sciences, the Emmet C. Dawson Jr. Memorial Award in Agricultural Sciences, the Ray H. Dutt Scholarship, the Ray Finegan Agricultural Leadership Endowment Scholarship, the John T. and Paige S. Smith Scholarship for Animal

Science in the College of Agricultural Sciences, the Walter N. Peechatka Award in the College of Agricultural Sciences, the Kelly Shane Quinn Scholarship in Agricultural Sciences, and the Norman and Donna Brown Mountain View Arabians Scholarship.

In the fall 2022 PQHA Nittany Classic and Futurity Show, her colt won both the open and QIP weanling colt classes, as well as the Bob Hendrickson Memorial Trophy. A former secretary of the German Club, Karoline was a member of the Collegiate Horsemen's Association at Penn State and the Poultry Science Club. She also worked at the Penn State Dairy Barns and Penn State Horse Barns. As part of the Reproduction Research Team, Karoline heat-checked cows in the lab of Joy Pate, C. Lee Rumberger and Family Chair in Agricultural Sciences and professor of reproductive physiology.

Karoline, the daughter of Catherine McLeod, plans to pursue a career as a breeding farm manager in the equine industry in addition to breeding her own horses.

ECOSYSTEM SCIENCE AND MANAGEMENT

Alina Iwanowicz



Alina Iwanowicz of Boiling Springs, Pennsylvania, is graduating summa cum laude with a major in Wildlife and Fisheries Science and a minor in Forest Ecosystems.

Her numerous awards included the Keith Horn Inc. Trustee Scholarship, the John and Nancy Steimer Scholarship, the Clarence and Michaline Shallcross Scholarship, the Mel Chrostowski

Endowed Scholarship, the George C. and Madeline C. Bartley Scholarship, the John and Mary M. Byerly Scholarship in Agriculture, the John H. and Timothy R. Crouch Trustee Scholarship, and the Kathleen A. and Eugene J. Huttie Jr. Scholarship. Alina served as an assistant director for the No Refund Theatre on campus.

In 2022, Alina was awarded an Erickson Discovery Grant, which she used to assess metrics of bluebird nest success and develop methods for assessing bluebird cognition. This allowed her to determine how cavity-dwelling birds respond to novel challenges.

The daughter of Joseph and Christina Iwanowicz, Alina has accepted a position as forest ecology technician in the lab of Margot Kaye, associate professor of forest ecology at Penn State.

FOOD SCIENCE

Leah Doctor Bodinger



Leah Doctor Bodinger, daughter of Anne Doctor, is a Schreyer Honors Scholar graduating summa cum laude with a major in Food Science and minor in Nutritional Sciences.

Leah, of Selinsgrove, Pennsylvania, has received numerous awards: the Judith A. Williams Food Industry Group Undergraduate Student Leadership Award, Institute

of Food Technologists John and Irene Powers Award, Institute of Food Technologists Feeding Tomorrow McCormick & Company Scholarship, Keystone Institute of Food Technologists Scholarship, College of Agricultural Sciences Undergraduate Research Award, Paul R. and Ethel S. Guldin Agricultural Award, Frank S. and Nina Cobb Grant-In-Aid, Edna May Aucker Scholarship, Galen Dreibelbis Endowment for Excellence in Agriculture, and the Harry Hayward Academic Excellence Scholarship.

She served the Food Science Club as president, vice president, and public relations chair. Leah held the positions of president, vice president, and secretary for Nazun/Challah for Hunger, and was the 2020 Campus Hunger Project cohort leader. She was also a resident assistant in North Halls.

Leah worked with Federico Harte, professor of food science, as a research assistant in the Dairy Protein Laboratory. Her honors thesis topic was “Effects of Sodium Citrate on Almond Proteins for Almond-Based Beverage Products.”

Leah interned with J.M. Smucker Company and The Hershey Company. She plans to join The Hershey Company as a research scientist on the Research and Development team.

PLANT SCIENCE

Grant Hoffer



Grant Hoffer, son of Nathan Hoffer and Rebecca Harr, is graduating magna cum laude and majored in Plant Sciences with an Agroecology option and a minor in Agronomy.

The Greensburg, Pennsylvania, resident earned second place in the 2022 Gamma Sigma Delta Research Expo. He is also a recipient of the Arthur S. Wolfe Scholarship, Andrews Family Scholarship,

Lawrence F. Marriott Memorial Scholarship, and the Pennsylvania Floral Industry Association Charles H. Dillon Memorial Trustee Scholarship.

Grant served as an undergraduate researcher in the laboratory of Michela Centinari, assistant professor of viticulture. He investigated the impact of rootstock and groundcover on grape juice chemistry, as well as the impact of fall heatwaves on the cold hardiness of grapevines.

He interned at the Ross Student Farm at Penn State and at Growmark FS.

Grant plans to seek a position in research or outreach for a university or government agency. He hopes to help farmers align agricultural systems with the best science available and address future food supply problems.

Continued

Department Marshals, continued

VETERINARY AND BIOMEDICAL SCIENCES

Kylie Calloway



Kylie Calloway is graduating Summa Cum Laude with a major in Pharmacology and Toxicology and a minor in Biology.

The daughter of Amy Fenstermaker and Chuck Calloway, Kylie is a recipient of the President's Freshman Award, President Sparks Award, Evan Pugh Scholar Senior Award, Raymond F. Russell Memorial Scholarship, Rose-

marie C. and Howard R. Peiffer Scholarship, Morrell Smith Scholarship, Oswald Scholarship, and Horace T. Woodward Scholarship.

She served as a special events committee member for THON. Kylie also worked in the lab of Sandeep Prabhu, department head and professor of immunology and molecular toxicology, to investigate sex differences in mice with acute myeloid leukemia.

The York, Pennsylvania, native landed a nonclinical internship on the clinical development team at Tolmar, a pharmaceutical company, where she analyzed pharmacokinetic data and conducted literature reviews.

Kylie plans to pursue a career in the pharmaceutical industry.

**ENVIRONMENTAL RESOURCE MANAGEMENT
(INTERDISCIPLINARY PROGRAM)**

Jonah Naugle



Jonah Naugle, son of Kevin Naugle and Wendi Naugle, is graduating summa cum laude with a major in Environmental Resource Management with an Environmental Science option and minors in Biology and Landscape Architecture.

Jonah received the Evan Pugh Scholar Award, the Boyd E. Wolff Gotcha Fund in International Agricul-

ture, the Science Global Experiences Scholarship Award, the Embedded Programs Scholarship, the N.C. Harris Scholarship, the Summer Success Scholarship, the Oliver L. Christman Scholarship, the Buckwheat Scholarship, and the Kane Family Open Doors Scholarship.

Jonah served as a counselor and learning group leader at Shaver's Creek Environmental Center's Outdoor School. As an environmental domain expert for the AquaSafe AI student team, he participated in the 2022 Nittany AI Challenge.

He was an avian ecology research assistant in the lab of Allison Cornell, assistant professor of biology. He worked with postdoctoral scholar Nereyda Falconi in the lab of Tomás Carlo, professor of biology, on a large mammal monitoring project in Peru. He also conducted research projects in Costa Rica for the Penn State Tropical Field Ecology study abroad program, presenting a poster at the 2023 Undergraduate Exhibition.

Working as a vegetation technician for the Deer-Forest Study at Penn State, the Hollidaysburg, Pennsylvania, native plans to gain field work experience before applying for graduate studies in ecology.

CANDIDATES FOR DEGREES

ASSOCIATE DEGREES

Two-Year Turfgrass Science and Management

Scott Edward Beam
Joseph Dylan Keller
Thomas Christopher Mckone V
Richardson Pena Agramonte
Jeffrey J. Smith
Quade Anthony Wallace
William Wesley Werner

BACCALAUREATE DEGREES

Agribusiness Management

Jonathan Albert
Xavier Sebastian Ariz
Abigail Elizabeth Arnold
Steele Jacob Bambrick
James Buch
Connor Patrick Chenard
Gabriel Cohen Cohen
Mei Tal Cohn Salinas
Mikayla Lee Davis
Isidro Xavier De Icaza Quinones
Griffin Francis Delaney
Allison Dodd
Michael Joseph Duddy
Hannah Hartness
Clara Elizabeth Hess
Roy Evan Hissong
Houhua Hu*
Colby N. James
Emily Kern

Sean Michael Kirgan
Ryan Daniel Kulka
Ethan Allen Lew
William Robert Love Lulek
Cade Ashton Martin
Steven Anthony Meehan Jr.
Isaac Kenneth Mengel
Peter Lawrence Morreale
Ashley K. Mosier
Zachary Michael O'Connor
Megan Hanna O'Donnell
Joseph O'Hara
Kevin Michael Osifat
Kayley Noel Palmiter
Haley Ann Pearsol
Allen Lee Pierson
Rowan G.

Powers-Velasquez
Jack Nathaniel Price
Michael Christian Rados
Julia Marie Romero
Leah Runyon
Chase Bradshaw Sanford
Cooper Schlegel
Ian Johannes Schmitt
Timothy Allen Shawley Jr.
Jessica Shi*
Jordan Spevak
Michelle Elisabeth Suarez
Nathan Ryan Swede
Joseph Paul Thompson
Daniel Tobar
Matthew Griffin Wert
Wyatt Woods
Anthony Patrick Worley
William Christopher Zack

Agricultural and Extension Education

Morgan Bear
Nicolette Marie Cusate
Killiann E. George
Elizabeth Lea Holtry
Lauren Elizabeth Kachel
Adalyn M. Reed

Ambar Yazmine Robalino
Carly Rudy
Grace Shawver
Anna Christine Sweeten
Jacob T. Turko

Agricultural Science

Tyler D. Aunkst
Elijah Bebee
Ayiana Biddle
Dante Louis Cassaro
Kaleena N. Czajkowski
Amber Nicole Dailey
Matthew Jack Field
Lauren Taylor Fox
Vincent Peter Gatti
Ami Jackson
Olivia Norton Kranefuss
Sara Lichty
Madison Rose Martin
Mark Melesky
Rozzalynd Monnin
Luke J. Morocko
Haze Everest Orner
Robert Patane
Heer S. Patel
Tyler Michael Shannon
Cassidy Ann Shawley
Jessica Sheckells
Andrew Christopher Slavinsky
Emily Stambaugh
Brianna Joan Stephans
Devan F. Stoner
Renee Elizabeth Svonavec
Gabrielle Marie Swavely
Leah Caroline Welk

Animal Science

Josephine Lillian Allen
Ryan Michael Allen
Caroline Clarice Arrowsmith
Alissa Beason

Annabelle Sciaratta Boyd
Cecilia Joy Brown
Sara Patricia Bucher
Ning-Chieh Chang
Faith Jana Christman
Emma Marie Cippel
Erin Elizabeth Comp
Abigail F. Crippen
Natalie Elisabeth D'Antonio
Elijah David Earnest
Julianna Grace Empie
Adetokunbo Oyinlola Falade
Marissa Arlene Filby
Julianne O. Greco
Madeline Malloy Haggerty
Julia Isabelle Healy
Kitying He-Astacio
Jacob Heflin
Daja Nicole Hosendorf
Houhua Hu*
Anna Marie Hunter
Katelin T. Kane
Sarah Marie Landeck
Hayleigh Marie Macik
Lindsay Madden
Serafina Hope Mazza
Shelby Brianna McCann
Joseph Louis Morrison
McKenzie Myers
Ryan J. Parry
Gabriella Marie Pinchot
Grace Elizabeth Plummer
Juneil Rae Ritter
Brooke Elizabeth Rutledge
Katherine Elisabeth Schafer
Julana L. Strauser
Kara Stultz
Monika Swetkowski
Trinity L. Thomas
Hunter Makenna Timmons
Devon Z. Toomer
Karoline Waldinger

Leah Ward
 Katelyn May Warnke
 Mikayla Ethylyn Warren
 Julia N. Wester
 Sarah Marie Wolff
 Yvette Wolpo
 Peilong Yang
 Sofia Yerardi
 Yuxin Zhang

BioRenewable Systems

Matthew Robert
 Berkenstock
 Cullen Thomas Chesnick
 Griffen Lee Juckniewitz
 Clara Maisie McCahren
 Kellien Peritz
 Evan Sabecky
 Shea Robert Sarsfield
 Sebastian Vargas-Clarke

**Community,
 Environment,
 and Development**

Abigail Bartuska
 Lola Jay Conti
 Carly Paige DeGirolamo
 Sophia Nicole Eyer
 Anna Elizabeth Harter
 Kieri Karpa
 Elena Kochmaruk
 Skylar Ann McCullough
 Caroline Grace McGonigle
 Kara Marie Miller
 Craig O'Connor
 Chukwuebuka John Okoro
 Swarali Parikh
 Jessica Shi*
 Grace Smith
 Kendall Nicole Van Son

**Environmental
 Resource Management**

Michael G. Biesecker
 Anna Bohsali
 Isabella Jane Briseno

Benjamin William Brosius
 Sarah Christine Brown
 Julia Burton
 Morgan Carroll
 Colman William Closser
 Alyssa Curry
 Ethan Miles Dortort
 Rachel Lauren Fedorko
 Kaylee Elizabeth Ford
 MaryBeth Anne Gavin
 Lauren Elizabeth

Giangrandi
 Sydney Taylor Haefner
 Megan Ruth Kownurko
 Adam Charles Kurtz
 Lucas William Long
 Isabella A. Lujan
 Iyanna Moultrie
 Jonah Michael Naugle
 Justin D. Neal
 Abigail A. Noel
 Christian Nolan
 Isaac Matthew Nulton*
 Samantha Paisley
 William Ty Rebert
 Lindsey Sabo
 Mark Matthew Santangelo
 Rowyn Sharkey
 Caroline Grace Simonsen
 Emma E. Steely
 Christian J. Swatt
 Brent Michael Watts
 Claire Louise Wessner
 Dylan Sean Williams
 Jacob Yost
 Jinying Zhao
 Jason M. Zubris

Food Science

Jamie M. Aravich
 Leah Rachel Doctor
 Bodinger
 Thomas Joseph Damon
 Julia Marjorie Doklan
 Katelyn G. Feaster
 Megan Ann Futchko
 Jaylynn B. Gardner

Avery Geiger
 Nanmanus Homchuay
 Leah Caroline Kaczur
 Thitima Kaothaisong
 Matthew James Karcewski
 Andrew Kisiel
 Jared Scott Labowski
 Allison Rose Mansfield
 Alexandra Melton
 Eliana Carly Perilman
 Kiana Mae Shoemaker
 Rose M. Spahn
 Olivia T. Sparkman
 Gregory Robert Wilson
 Songyi Yoo
 Sabrina Yushinski

**Forest Ecosystem
 Management**

Jordan Elfrieda
 Abramowicz
 Elijah Ayers
 John Michael Buckley
 Evan Jay Hackett
 Samuel Z. Horner
 Morgan Diane Lee
 Dylan Otto Longale
 McKinley Morris
 Daniel M. Rorabaugh
 Logan Todd Schaffer
 Caleb W. Spackman
 Daniel James Yoder

**Immunology and
 Infectious Disease**

Anton Aluquin
 Danika Kaylei Boltz*
 Madeline Ryan Chimento
 Georgia Frances Colegrave
 Katie Ann Contino
 Annabella Shane Devitz
 Jacob Charles Kardelis
 Catherine Keenan
 Pengyu Liu
 Madison Elizabeth
 McCanna

Christian Alexander
 Muravsky
 David Christopher Myers
 Edann Annastacha Ofray
 Isaac Ritter
 Alaina Marie Shaffer
 Melaina Catherine Shoop
 Maxwell Thomas Strait
 Jonathan D. Webber
 Tianle Zhang

Landscape Contracting

Nicholas W. Bochnovich
 Lindsey Teagan Fanton
 Jeffrey Scott Fichter Jr.
 Irene V. Ford
 Jack Casey Fowler
 Maclaine Matthew Greiner
 Connor John Hoffner
 Nicholas Joseph Michelone
 Skyler Rose Stewart

**Pharmacology and
 Toxicology**

Courtney Bauer
 Jacqueline Michele Briggs
 Kylie Brooke Calloway
 Yushan Chen
 Brian Steven Fajardo
 Patrick J. Farrell
 Ziming He
 Paige Renee McCoy

Plant Sciences

Eric Parker Aellen
 Emily Betler
 Lauren Bloom
 Cameron Cedeno
 Marley Citrone
 Amy Lynn Danowsky
 Mikhyle William Fehlman
 Michael Frantz
 Megan Leigh Galvin
 Grant Michael Hoffer
 Kylie E. Kalac
 Teresa Irene Kaveney

Dakota DeLancey Kline
 Vincent Koch
 Kenan Suleiman Ku
 Raine Marie Lookabill
 Emma C. Mahute
 Trenten McCracken
 Elizabeth Leslie Paillan
 Joshua R. Pittek
 Allison Rice
 Levin West Sarver
 Levi J. Showalter
 Vincent Louis Sposato
 Ryan Isabel Wagner
 Ethan Beck Whitmoyer
 Colin Wiest
 Lillian Grace Woodring

Turfgrass Science

Matthew S. Barron
 Grant Andrew Clawson
 Jesse M. Darlington III
 Eric Gregory Dowd
 Hunter Finn
 Bin Lan
 Nicholas Patrick Lyons
 David Mishoe
 Nathaniel Moore
 Kassidy Powell
 Jared Tanner Waldman
 Jacob D. Wehr
 Jared S. Werkheiser
 Benjamin Anthony Yozwiak

**Veterinary and
 Biomedical Sciences**

Jocelyn N. Alvarez
 Yixin Bai
 Hannah Jill Barbarino
 Lauren Elizabeth Bell
 Madison Rae Berger
 Lexie Michaela Black
 Danika Kaylei Boltz*
 Katerina Campagnolo
 Jaclyn Patricia Cavanaugh
 Zoey Tyah Cole
 Madyson Dailey

Mahshad Delshad
 Olivia Marie Dunshee
 Elizabeth Jade Estevez
 Devon Elizabeth Forker
 Katie-Ann Fu
 Valentina Galvis Nieto
 Ashlee Marie Garvey
 Mikala Price Guzy
 Kaitlin Heil
 Alexandra Hermann
 Deanna Blair Johns
 Jonathon Edward Kelly
 Chae Min Kim
 Soyeon Kim
 Janel Kolar
 Keller Walton Kontir
 Mia Konzelmann
 Alexander LeVan
 Jaisen I. Maisonet
 Courtney Elisabeth Marlin
 Kayla Anne McLaughlin
 Payton Gordon McNabb
 Bethany Miller
 Jenna Lynn Misztuk
 Cassandra Jean Nail
 Naomi Perez Wallace
 Elliot Probst
 Kristen Nicole Rekus
 Cheyenne Ribble
 Victoria Ashley Lynn
 Richter
 Caela Elizabeth Schmouder
 Sara Isabella Schoedel
 Kirstin Schwasnick
 Andreas Sotiris Sergiou
 Keshon Alexander Smith
 Isabelle Victoria
 Stephenson
 Anna Elizabeth Tischer
 Victoria Gracia Troupe
 Rebecca Marie Turner
 McKenna Elizabeth
 Ullsperger
 Samantha Jo Wagner
 Vejea Walker
 Julianne Wall
 Sara Bernadette Weigele

Isaiah Wright
 Madeline Elizabeth Yuhasz

**Wildlife and
 Fisheries Science**

Cian Richard Blythe
 Stephen Michael Botek
 Alec Bryla
 Andrew Francis Bucha III
 Ryan Charles Callahan
 Sarah Lily Chormanski
 Kristen C. Crable
 Celia Craig
 Jeremy P. Creed
 Martin Davidheiser
 Jasmine Enriquez
 Annabel L. Forestieri
 Michael John Higinbotham
 Alina Iwanowicz
 Kaitlyn Ann Kruza
 Julia Langlois
 Samantha Lynn Miron
 Jileen Nagy
 Isaac Matthew Nulton*
 Jarod Jacob Oliver
 Jason Matthew Paul
 David Lesley Pearce III
 Elias B. Peters
 Anne Marie Puchalsky
 Madison N. Reszek
 Samuel Jonathan Riches
 Merielen Maria Rovira
 Piper Cordelia Schwenk
 Brieonna Marie Sewinsky
 Dakota Shadle
 Derrick Jonathan Via
 Anya Watts
 Lina White

*Concurrent Majors

DISTINCTION CANDIDATES

Subject to completion of all degree requirements and satisfaction of minimum criteria, distinction may be conferred as indicated upon the individuals listed herein and upon such others as may meet the requirements. Distinction is conferred on candidates who have completed the required number of credits at the University and who are in the top 12 percent of their graduating class in their college.

The 12 percent is divided into 2 percent with "Summa Cum Laude," 4 percent "Magna Cum Laude," and 6 percent "Cum Laude." Distinction levels were determined by cumulative grade-point averages as of fall 2022.

Summa Cum Laude

Leah Rachel Doctor
Bodinger
Isabella Jane Briseno
Sarah Christine Brown
Kylie Brooke Calloway
Megan Ann Futchko
Alina Iwanowicz
Janel Kolar
Mia Konzelmann
Olivia Norton Kranefuss
Cade Ashton Martin
Jonah Michael Naugle
Elliot Probst
Shea Robert Sarsfield
Kirstin Schwasnick
Melaina Catherine Shoop
Leah Caroline Welk

Magna Cum Laude

Anton Aluquin
Lexie Michaela Black
Danika Kaylei Boltz
Annabelle Sciaratta Boyd
Zoey Tyah Cole
Madyson Dailey
Mikhyle William Fehlman
Lauren Elizabeth
Giangrandi
Grant Michael Hoffer
Catherine Keenan
Elena Kochmaruk
Julia Langlois
Kellien Peritz
Grace Shawver
Jessica Shi
Rose M. Spahn
Olivia T. Sparkman
Karoline Waldinger
Jacob D. Wehr
Songyi Yoo

Cum Laude

Lindsey Fanton
Katelyn G. Feaster
Katie-Ann Fu
Megan Leigh Galvin
Ziming He
Elizabeth Lea Holtry
Kylie E. Kalac
Adam Charles Kurtz
Madison Elizabeth
McCanna
Caroline Grace McGonigle
Abigail A. Noel
Samantha Paisley
Eliana Carly Perilman
Kristen Nicole Rekus
Alaina Marie Shaffer
Levi J. Showalter
Anna Elizabeth Tischer
Kendall Nicole Van Son
Jonathan D. Webber

THE COLLEGE OF AGRICULTURAL SCIENCES

The first of the colleges established at Penn State, the College of Agricultural Sciences is broadly recognized as one of the nation's premier institutions for agricultural research and education programs. One of the largest agricultural colleges in the country, its mission is to create, analyze, and share knowledge to enhance food and agricultural systems, natural resources and environmental stewardship, and economic and social well-being, thereby improving the lives of people in Pennsylvania, the nation, and the world.

The college comprises nine academic departments and 67 extension offices—one in each county in the state—and operates numerous research and extension centers and laboratories. As part of one of the world's foremost research universities and Pennsylvania's sole land-grant university, the college's mission consists of three parts:

- **Teaching:** formal classroom or college instruction
- **Research:** both basic science and unbiased applied research on practical problems
- **Public service:** nonformal education through Penn State Extension

More than 3,000 undergraduates choose from 17 majors, 23 minors, three two-year programs, and five certificate programs. About 80 percent of the college's undergraduates come from nonagricultural backgrounds. The college has one of Penn State's largest scholarship programs, awarding more than \$2.9 million annually.

The College of Agricultural Sciences invests more than \$100 million annually in research and graduate study. Each year, the college enrolls approximately 550 graduate students from all corners of the world to conduct graduate study and research in fifteen major areas within the college, as well as in seven intercollege, eight dual-title, and four World Campus degree programs.

THE COLLEGE OF AGRICULTURAL SCIENCES ALUMNI SOCIETY

Congratulations, and welcome to the College of Agricultural Sciences Alumni Society! As new graduates, you receive a complimentary one-year membership to the society and the Penn State Alumni Association.

The mission of the Alumni Society is to connect, serve, and recognize alumni, students, and faculty by fostering relationships, commitment, and pride in support of the College of Agricultural Sciences. As part of the Penn State Alumni Association, an organization powered by pride, we invite you to harness your passion to imagine, invent, and collaborate as one inclusive community.

Our award-winning organization has more than 10,000 members and several affiliate program groups representing academic units and specific programs. We have programs

for alumni of all ages and activities to engage current and prospective students.

As a student, you may have benefited from programs sponsored by the Ag Alumni Society, such as scholarships, internship awards, or the student mentoring program. As a society member, we encourage you to give back to these programs while enjoying the benefits of membership, including alumni events, networking, and recognition programs.

Visit us online at agsci.psu.edu/alumni to learn more about Ag Alumni Society activities, how to volunteer on a committee, and how to stay connected to the society and the college.

Again, congratulations to all graduates, and stay in touch!

COLLEGE OF AGRICULTURAL SCIENCES SEATING CHART

STAGE	
FACULTY	FACULTY
BIORENEWABLE SYSTEMS	BIORENEWABLE SYSTEMS
AGRIBUSINESS MANAGEMENT AGRICULTURAL AND EXTENSION EDUCATION AGRICULTURAL SCIENCE COMMUNITY, ENVIRONMENT, AND DEVELOPMENT	AGRIBUSINESS MANAGEMENT AGRICULTURAL AND EXTENSION EDUCATION AGRICULTURAL SCIENCE COMMUNITY, ENVIRONMENT, AND DEVELOPMENT
ANIMAL SCIENCE	ANIMAL SCIENCE
FOREST ECOSYSTEM MANAGEMENT WILDLIFE AND FISHERIES SCIENCE	FOREST ECOSYSTEM MANAGEMENT WILDLIFE AND FISHERIES SCIENCE
FOOD SCIENCE	FOOD SCIENCE
LANDSCAPE CONTRACTING PLANT SCIENCES TURFGRASS SCIENCE TWO-YEAR TURFGRASS SCIENCE MGMT.	LANDSCAPE CONTRACTING PLANT SCIENCES TURFGRASS SCIENCE TWO-YEAR TURFGRASS SCIENCE MGMT.
IMMUNOLOGY AND INFECTIOUS DISEASE PHARMACOLOGY AND TOXICOLOGY VETERINARY AND BIOMEDICAL SCIENCES	IMMUNOLOGY AND INFECTIOUS DISEASE PHARMACOLOGY AND TOXICOLOGY VETERINARY AND BIOMEDICAL SCIENCES
ENVIRONMENTAL RESOURCE MANAGEMENT	ENVIRONMENTAL RESOURCE MANAGEMENT

The Pennsylvania State University encourages qualified 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 814-865-7521 in advance of your participation or visit.

This publication is available in alternative media on request.

The University is committed to equal access to programs, facilities, admission and employment for all persons. It is the policy of the University to maintain an environment free of harassment and free of discrimination against any person because of age, race, color, ancestry, national origin, religion, creed, service in the uniformed services (as defined in state and federal law), veteran status,

sex, sexual orientation, marital or family status, pregnancy, pregnancy-related conditions, physical or mental disability, gender, perceived gender, gender identity, genetic information or political ideas. Discriminatory conduct and harassment, as well as sexual misconduct and relationship violence, violates the dignity of individuals, impedes the realization of the University's educational mission, and will not be tolerated. Direct all inquiries regarding the non-discrimination policy to the Affirmative Action Office, The Pennsylvania State University, 328 Boucke Building, University Park, PA 16802-5901, Email: aao@psu.edu, Tel (814) 863-0471.

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