

*2022
Wilson
Awards
Banquet*



PennState
College of Earth
and Mineral Sciences

2022
*Wilson Awards
Banquet*



*The College of Earth and Mineral Sciences'
annual celebration of accomplishments*

Sunday, April 24, 2022

5 p.m. Reception

6 p.m. Dinner

Matthew J. Wilson, Jr. *&* *Anne Coghlan Wilson*

Through their bequests, Matthew and Anne Wilson are the major benefactors of the College of Earth and Mineral Sciences (EMS). In the 1950s, Matthew Wilson inherited a stock portfolio that provided the basis for the funds he generously gave to the then-named School of Mineral Industries. His giving started in 1957 with a modest scholarship endowment and was later increased with additional gifts. Over the years the endowments blossomed into a substantial fund that today provides the college with support for its well-known student loan program and a number of faculty and student awards and scholarships. The fund also supports the annual Wilson Awards Banquet.

Matthew Wilson was born in Willow Grove, Pennsylvania, and graduated from Penn State in 1918 with a bachelor's degree in mining engineering. He attended the University of Colorado, where he received master's degrees in geology and chemistry and met his wife, Anne, a biochemist. After graduating, he started working as a chemist for the Atlantic Refining Company in Philadelphia and later moved to Holland, Michigan, where he developed a career in sales starting first with the U.S. Industrial Company, then the Karr Spring Company, and later with the Spring Air Company. He served as the Washington representative for Spring Air's industrial and military sales for many years; he also served on the company's board of directors. In retirement, the Wilsons lived in Michigan but moved to Scottsdale, Arizona, shortly before Matthew died in 1963.

Throughout the next twenty years Anne Wilson increased the family endowments and took an active interest in EMS students and faculty. When she died in 1983, it was said of her:

“Anne believed in giving. Her dream to become a doctor was never realized so she wanted the dreams of others to come true. She felt it was important that the University hold on to its best teachers. Awards were a wonderful way to do so.”

College-level Student Awards

Jay M. and Katherine DeFinis Award for Outstanding Student Leadership

Undergraduate: **Imani Murray**, Materials Science and
Engineering

Graduate: **Cierra Chandler**, Materials Science and
Engineering, and **Alexander Vera**, Materials Science and
Engineering

Ellen Steidle Achievement Award

Senior: **Kelly Matuszewski**, Materials Science and
Engineering

Juniors: **Hannah Chop**, Environmental Systems Engineering,
and **Luke Winand**, Meteorology and Atmospheric Science

Dean Edward Steidle Memorial Scholar Award

Edward Spagnuolo, Geobiology

GEMS Diamond Award

Imani Murray, Materials Science and Engineering

Student Marshal

Camila Van Oost, B.S. Environmental Systems Engineering,
Minors in Watershed and Water Resources and Global and
International Studies

*Camila, an EMSAGE Laureate, will graduate Summa Cum Laude
with a perfect 4.0 cumulative GPA.*

Science Marshal

Catherine Kohlman, B.S. Meteorology and Atmospheric
Sciences, Minor in Marine Science

*Catherine, a Schreyer Scholar and an EMSAGE Laureate, will graduate
Summa Cum Laude with a 3.99 cumulative GPA.*

EMSAGE Laureates

The College of Earth and Mineral Sciences Academy for Global Experience (EMSAGE) is the college's signature undergraduate recognition program. Select students are recognized with the distinctive designation of EMSAGE Laureate.

Fall 2021 EMSAGE Laureates

- **Leonardo Batista Capaverde Silva**, Materials Science and Engineering
- **Andrew Brown**, Energy Engineering
- **Jeremy Dunston**, Materials Science and Engineering
- **Catherine Kohlman**, Meteorology and Atmospheric Science
- **Kelly Matuszewski**, Materials Science and Engineering
- **Sean Melanson**, Meteorology and Atmospheric Science
- **Edward Spagnuolo**, Geobiology

Spring 2022 EMSAGE Laureates

- **Alexis Miller**, Materials Science and Engineering
- **Anthony Romero**, Materials Science and Engineering
- **Baylee Sexton**, Meteorology and Atmospheric Science
- **Camila Van Oost**, Environmental Systems Engineering
- **Youngsuk Youn**, Materials Science and Engineering



Retirements

Kimberly Del Bright, Giles Writer-In-Residence, Associate Dean for Undergraduate Education

Tze-Chiang (Mike) Chung, Professor Emeritus of Materials Science and Engineering

Joseph Flick, Manager of the Mine Training Program, Energy and Mineral Engineering

Alan MacEachren, Professor Emeritus of Geography and Information Science and Technology

Douglas Miller, Research Professor Emeritus, Earth and Environmental Systems Institute

Johannes Verlinde, Professor of Meteorology and Atmospheric Science

Promotion and Tenure

Roman DiBiase, Associate Professor, Geosciences

Erin DiMaggio, Associate Research Professor, Geosciences

Matthew Fantle, Professor, Geosciences

Peter La Femina, Professor, Geosciences

Brandon Forsythe, Assistant Research Professor, Earth and Environmental Systems Institute

Maria Herrmann, Associate Research Professor, Meteorology and Atmospheric Science

Kyle Imhoff, Assistant Research Professor, Meteorology and Atmospheric Science

Joshua Inwood, Professor, Geography

Brian King, Department Head, Geography

Jennifer Macalady, Professor, Geosciences

Hamid Emami-Meybodi, Associate Professor, Energy and Mineral Engineering

Scott Richardson, Research Professor, Meteorology and Atmospheric Science

25-Year Service Awards

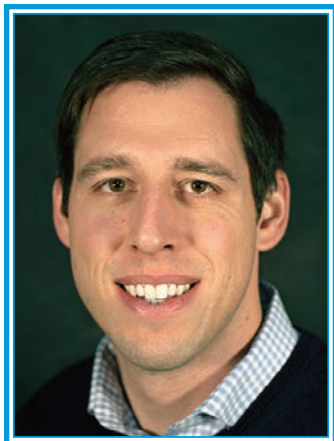
Denice Wardrop, Research Professor, Geography

George H. K. Schenck Teaching Assistant Award

Steven Baksa

Graduate Teaching Assistant,
Intercollege Graduate Program in
Materials Science and Engineering





*G. Montgomery and
Marion Mitchell
Award for Innovative
Teaching*

Kevin Bowley

Assistant Teaching Professor in
Meteorology and Atmospheric
Science



*Wilson Award for
Excellence in Teaching*

John Mauro

Professor of Materials Science and
Engineering & Associate Head for
Graduate Education, Materials Science
and Engineering



*Wilson Award for
Outstanding Service*

Kenneth Davis

Professor of Atmospheric and Climate
Science

Faculty Advising Award



Jonathan Mathews

Professor of Energy and Mineral
Engineering

Faculty Mentoring Award



Nasim Alem

Associate Professor of Materials
Science and Engineering

Gladys Snyder Junior Faculty Grants



Barbara Arnold

Professor of Practice in
Mining Engineering

**“3-D Printing in
Energy and Mineral
Related Laboratory
and Engineering
Courses”**



Brian Kelley

Assistant Professor
of Geosciences

**“Fostering a Sense of Place with an
Accessible Virtual Field Trip for Gold
Rush: Geology and History, a New
General Education Inter-Domain
Course”**



Kimberly Lau

Assistant Professor
of Geosciences

George H. Deike, Jr. Research Grant



Robert Hickey

Assistant Professor
of Materials Science and
Engineering

**“Nanostructured Polymer
Muscles Exhibiting
Reversible Actuation”**



Joel Landry

Assistant Professor
of Environmental and
Energy Economics

**“Assessing the Efficiency
and Equity Impacts of the
Electric Vehicle Transition
Under Alternative Policy
Pathways”**



*E. Willard and Ruby S.
Miller Faculty Fellow*

Manzhou Yu

Assistant Professor of Geography

**“Quantifying the Changing Wildfire
Influence on Air Quality,
Environmental Justice, and
Mobility-Based Human Exposure to
Air Pollution”**

*Postdoctoral Excellence
in Research Award*

Sara Andreoli
EMS Energy Institute



*Catherine Lyons Diversity, Equity and
Inclusion Student Awards*



Undergraduate Award

Edward Spagnuolo
Geobiology

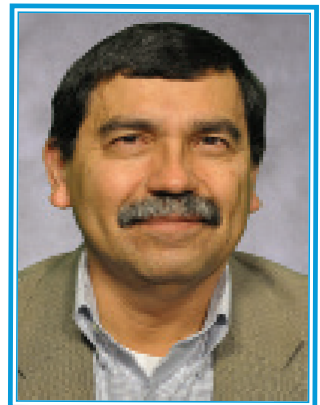


Graduate Award

Carl Fredrick Guico Aquino
Geosciences

*Charles Hosler Diversity,
Equity and Inclusion
Faculty Award*

José Fuentes
Professor of Meteorology





Wilson Research Initiation Grant

Urara Hasegawa

Assistant Professor of Materials
Science and Engineering

**“Injectable Hydrogels Formed
Via Thermally-Induced Gelation
of Patchy Polymeric Micelles for
Biomedical Applications”**



John T. Ryan, Jr. Faculty Fellow

Chiara Lo Prete

Associate Professor of Energy
Economics

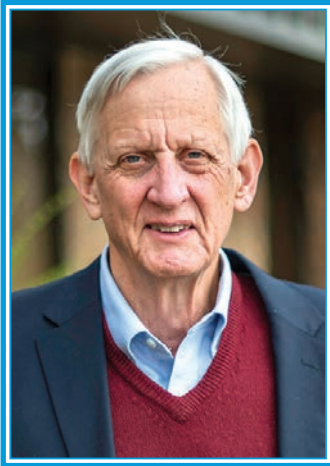


Wilson Award for Excellence in Research

Peter Wilf

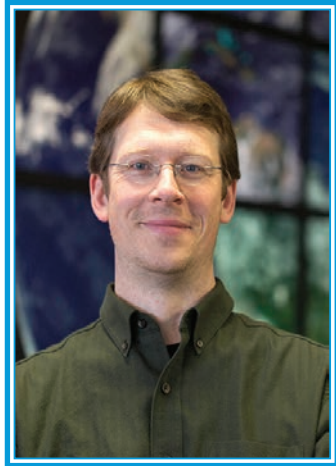
Professor of Geosciences

*Paul F. Robertson Award for
EMS Research Breakthrough of the Year*



William Brune

Distinguished Professor
of Meteorology



David Miller

Assistant Research
Professor, Meteorology
and Atmospheric Science



Patrick McFarland

IUG program,
Meteorology and
Atmospheric Science



Jena Jenkins

Graduate student,
Meteorology and
Atmospheric Science

*Charles L. Hosler
Alumni Scholar
Medal*

Angelique Adams

CEO, Angelique Adams Media
Solutions



*Congratulations
to all of our awardees!*

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