2022 Wilson Awards Banquet
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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

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.
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

Manzhu 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

“Injective 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!

This publication is available in alternative media on request.

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