

## FACULTY AWARDS

## BIOMEDICAL ENGINEERING (BME)

**Elise Corbin** joined BME as an assistant professor. Dr. Corbin received ACCEL grant to study sepsis-induced cardiomyopathy.

**Emily Day** received the Nano Research Young Innovator Award and UD Francis Alison Society-Gerard J. Mangone Young Scholar Award.

**Dawn Elliott** was the recipient of the Orthopaedic Research Society's Adele L. Boskey, PhD Award. Dr. Elliot also received an R01 NIH grant to study disc mechanics and altered loading in degeneration (Feb).

**Megan Killian** received the 2018 Early Career Award from the Journal of Orthopedic Research. Dr. Killian received an NIH R03 grant to study contributions of skeletal muscle loading during rotator cuff maturation and healing.

CIVIL AND ENVIRONMENTAL  
ENGINEERING (CEE)

**Rachel Davidson** received the 2019 Charles Martin Duke Lifeline Earthquake Engineering Award.

**Sue McNeil** received the 2018 American Society of Civil Engineers Frank Masters Award

CHEMICAL AND BIOMOLECULAR  
ENGINEERING (CBE)

**Arthi Jayaraman** was promoted to Full Professor.

**April Kloxin** received the 2018 ACS PMSE Arthur K Doolittle Award and 2019 Biomaterials Science Lectureship Award.

COMPUTER AND INFORMATION  
SCIENCES (CIS)

**Sunita Chandrasekaran** received an NSF grant to create a powerful software framework for high performance computing.

**Leila Barmaki** joined CIS and her team Move2Improve won the Best Virtual Reality Prize at the Reality Virtual Hackathon held at MIT Media Lab (Jan). Dr. Barmaki also won the UDRF award to study training nurse practitioners using immersive technologies.

## NEW COE FACULTY

SWATI  
SINGH

*Department of  
Electrical and  
Computer  
Engineering.*

Dr. Singh joins UD as a research assistant professor of electrical and computer engineering. Dr. Singh received a doctoral degree in physics at the University of Arizona. Dr. Singh works on a broad range of problems in theoretical quantum optics. She was previously an assistant professor at Williams College.

**Cathy Wu** made the Highly Cited Researchers list for the fifth year in a row in the field of biology and biochemistry. (Dec)

ELECTRICAL AND COMPUTER  
ENGINEERING (ECE)

**Swati Singh** joined UD as a research assistant professor of electrical and computer engineering.

MATERIALS SCIENCE AND  
ENGINEERING (MSE)

**Xinqiao Jia** received Delaware ACS Section Award for 2018.

**Stephanie Law** won the 2019 Peter Mark Memorial Award.

**Kristi Kiick** became the Named Leverhulme Visiting Professor from July - December 2019.

## MECHANICAL ENGINEERING (ME)

**Heather Doty** was promoted to Associate Professor. Dr. Doty also received the COE Dean's Excellence in Teaching Award.

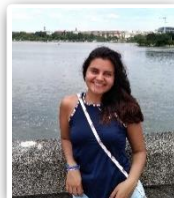
**Jill Higginson** was named a Fellow by the American Institute for Medical and Biological Engineering.

WIE GRADUATE  
STEERING COMMITTEE

## BME

Danielle Valcourt  
(Chair)Catherine Millar-  
Haskell

## CBE

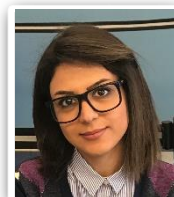


Natalia Rodriguez



Priyanka Ketkar

## CEE

Azadeh Gharibreza  
Yazdi

Asmaa Abo Alouk

## CIS

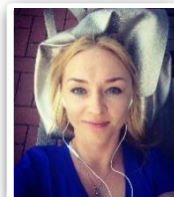


Yidan Hu



Haoran Wei

## ECE



Olga Mironenko



Fatemeh Hosseini

## ME



Kelsey Neal

Elahe Ganji  
(Co-Chair)

## MSEG



Olivia George



Iflah Laraib

The mission of WIE is to **promote, mentor, and enable participation of women students and faculty in engineering studies and in the workplace at the University of Delaware.**

## RECENT WIE EVENTS

### Careers in STEM Lunch with Faculty

This spring, WIE sponsored a lunch with Dr. Kristi Kiick and Dr. Chase Cotton, where they joined graduate students in a conversation about industrial and academic career opportunities after graduate school.

*Organized by  
Elahe Ganji  
and  
Haoran Wei*



### Communication Workshop with Nancy Houfek

Graduate students learned about communication and negotiation in a workshop led by Nancy Houfek, a stage director, award-winning actor, and nationally recognized theater educator. *Organized by*

*Asmaa Abo  
Alouk and  
Azadeh  
Yazdi*



### WIE OUTREACH SERVIAM GIRLS ACADEMY

For the second consecutive year, to give back to our community, WIE organized an educational outreach program at the Serviam Girls Academy in Wilmington. During the program, COE graduate volunteers introduced Serviam girls to engineering disciplines and led fun, hands-on, engineering-inspired activities. *Organized by Danielle Valcourt*



### WIE FACULTY ADVISORS



**Heather Doty**  
Mechanical Engineering  
(hdoty@udel.edu)



**Pam Cook**  
Mathematical Sciences &  
Chemical Engineering  
(cook@math.udel.edu)

### COE GRADUATE STUDENT AWARDS

#### BIOMEDICAL ENGINEERING (BME)

**Peyton Delgorio** was the recipient of the Excellence in Graduate Student Teaching Award and Fred Rust Scholarship  
**Andria Farrens** won the BME Outstanding Engineering Outreach Award

**Margot Farnham** received the Elmer E. Klaus award for her work with articular cartilage

**Keely Keller** won the BME Distinguished Graduate Scholar and the UD Dissertation Fellowship Award

**Grace McIlvain** won the 2019 Women of Promise Award

**Mackenzie Scully** received the BME Award for Outstanding Graduate Student Service

**Rachel Gilbert** received the NIH F31 Ruth L. Kirschstein Predoctoral Individual National Research Service Award.

**N'Dea Irvin-Choy** won a University Graduate Scholars Award.

#### CHEMICAL AND BIOMOLECULAR ENGINEERING (CBE)

**Natalia Rodriguez Quiroz** Richard Wool Award for Women in Green Engineering.

#### CIVIL AND ENVIRONMENTAL ENGINEERING (CEE)

**Patricia Hurley** was the winner of 2019 Laird Fellowship.

**Nafiseh Soleimani** won the for Best Presentation award at the 15th AISIM symposium.

**Danhui Xin** won the DENIN Environmental Fellowship.

#### COMPUTER AND INFORMATION SCIENCES (CIS)

**Xinxin Qu** received the 2019 Excellence in Graduate Student Teaching Award

**Yihan Ye** received the John K. Scoggin Sr. Memorial Departmental Award

**Alina J. Christenbury** and **Ashley N. Gold** received the Lauri Pfeffer Shinn Memorial Departmental Award

**Yidan Hu** received the Outstanding Graduate Student Departmental Award

**Xiangying Jiang** received the Frank A. Pehrson Outstanding Research Departmental Award

#### ELECTRICAL AND COMPUTER ENGINEERING (ECE)

**Gowri Sriramagiri** was awarded the 2018 Rising Women SPI fellowship from WRISE and GRID Alternatives

**Fateme Hosseini** received the 2019 Computer Systems & Networking Faculty Award

**Angela Cuadros** won 2019 Signal Processing, Communications, and Controls Faculty Award and University Dissertation Fellowship Award

#### MATERIAL SCIENCE AND ENGINEERING (MSE)

**Tess Ginley** received the NASA Delaware Space Grant Graduate Fellowship Award

**Jenna Harris** received the Chairperson's Outstanding Graduate Student Award

**Jiyeon Song** won the University Doctoral Fellowship Award

#### MECHANICAL ENGINEERING (ME)

**Nicole Ray** received the People's Choice Poster Presentation Award at the Biomechanics Research Symposium.