

WOMEN *in* ENGINEERING

UNIVERSITY OF DELAWARE College of Engineering

WIE's goal is to promote, mentor, and enable participation of women students and faculty in engineering studies and in the workplace. In this direction the program sponsors interaction and mentoring among the women undergraduate students, graduate students, and faculty within the College as well as with external representatives from industry, government agencies, and other academic institutions.

The program promotes education and interaction among the women and men students, faculty, and administrators, with the goal of promoting a healthy institutional climate for all members of the engineering community at UD.

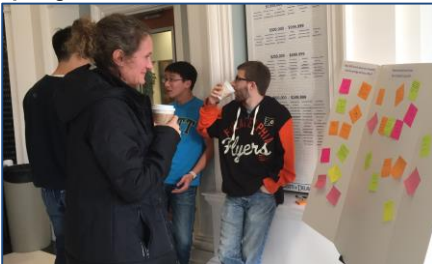
WIE Activities Spring 2016

Women in STEM Wine Night



WIE closed out 2015 with its second annual Women in STEM wine night at the UD Speakeasy. Attendees relaxed after a long semester of finals and research by sampling a selection of wines and learning just enough about wine to impress their friends. Special thanks to Speakeasy Manager Jeremy Hoffman for guiding the tasting and sharing his knowledge with us.

Spring Coffee Break



The Spring Coffee break continued to be one of our most popular events of the year. Students and faculty had the chance to take a break from work and catch up with colleagues from different departments. In our continued effort to make WIE more interactive and responsive to your input we hosted a raffle for WIE mugs and provided a feedback poster board. Thank you to everyone who took the time to participate

and help us keeping improving future WIE events!

External Speaker: Judith D. Singer



In coordination with the UD ADVANCE, WIE hosted a talk by Dr. Judith D. Singer. Dr. Singer, a distinguished statistician and social scientist, was the first woman elected to both the National Academy of Education and the American Statistical Association. She is now the Senior Vice Provost for Faculty Development and Diversity at Harvard University and works tirelessly to promote excellence and diversity in faculty.

Implicit Bias Brown Bag



In this hands on and interactive seminar UD ADVANCE's Dr. Heather Doty and Dr. Emily Bonistall Postel taught participants how to recognize their own

biases and how to use their privileges to help their communities. Participants were led through lighthearted activities designed to challenge their perceptions and to prove you can't judge a jellybean by its color. Dr. Doty and Dr. Boinstall Postel approached the topic in a way that was equal parts fun, educational, eye-opening, and inspiring!

WIE Upcoming Events

Look forward to our Summer Ice Cream Social!



WIE is planning more workshops and seminars for the coming months. If you have any suggestions for events you would like to see hosted by WIE please contact your WIE representative. We welcome your feedback!

Keep Up to date with WIE News and Events on Facebook at [Women in Engineering at University of Delaware](#) and on our Website <http://sites.udel.edu/wie/>

WIE Faculty Advisors



Rachael Davidson
Interim Associate Dean,
Professor, Civil and
Environmental Engineering



Heather Doty
Assistant Professor,
Mechanical
Engineering



Pam Cook
Unidel Professor of
Mathematics, Associate
Dean of Engineering

Spotlight on Women in Engineering

Dr. Mildred Dresselhaus



Dr. Dresselhaus attended Hunter College with the desire to become a science teacher. However, she soon became enamored with research. After studying at the University of Cambridge on a Fullbright Fellowship and getting her PhD from the University of Chicago, Dr. Dresselhaus went on to

become the first female institute professor at MIT. For her work on graphite, fullerenes, and carbon nanotubes, Dr. Dresselhaus has been referred to “the Queen of Carbon Science”. Over the course of her career she has received many awards including the National Medal of Science and the Enrico Fermi Award. Dr. Dresselhaus has consistently been a leader in the scientific community, serving as president of both the American Physical Society and the American Association for the Advancement of Science, the chair of the American Institute of Physics, and the director of the Office of Science at the U.S. Department of Energy. In all the position Mildred has advocated for the increased participation of women in physics. At the age of 85, Dr. Dresselhaus remains active both in research and advocacy.

New Biomedical Female Faculty

Dr. Megan Killian



Dr. Killian completed her PhD in Biomedical Engineering in 2010 at Michigan Technological University. Her research focuses on integrating “mechanical engineering and developmental biology principles to develop strategies for improving healing of injured tendon and fibrocartilage.” For

more information on Dr. Killian go to her website www.bme.udel.edu/megan-killian. Welcome to University of Delaware Dr. Killian!

Student Awards & Scholarships

Civil & Environmental Engineering

Rachel Chiquoine - Sylvia Alston Graduate Scholarship

Computer & Information Sciences

Samantha Kossey - CIS Outstanding Sophomore Student Award

Rachel Kraft - Hatem M. Khalil Memorial Award

Danielle Wegrzyn & Melody Lugo - John K. Scoggin Sr. Memorial Award

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Chemical Engineering

Melissa Gordon – NASA Delaware Space Grant Fellowship

Materials Science and Engineering

Theresa Ginley – JVST-B most read papers March 2016

Olivia George – IGERT Award

Biomedical Engineering

Amy Claeson (BME Postdoctoral Fellow) - Travel award for Gordon Research Conference



Anagha Kulkarni (Chair) and Theresa Ginley (Co-chair) pose with a cut out of Lise Meitner after both giving successful talks at this year’s APS March Meeting.

Faculty Achievements

Civil & Environmental Engineering

Dr. Rachel Davidson – 2015 Executive Leadership in Academic Technology and Engineering (ELATE) Fellow

Computer & Information Sciences

Dr. Lori Pollock - SIGSOFT Influential Educator Award

Dr. Michela Taufer - Named a Distinguished Scientist by the Association for Computing Machinery (ACM).

Mechanical Engineering

Dr. Jenni Buckley – Trabant Award for Women’s Equity

Electrical and Computer Engineering

Chengmo Yang - University of Delaware Research Foundation Strategic Initiative (UDRF-SI) grants

WIE Graduate Steering Committee

Biomedical Engineering



Rachael Edelstein
edelstr@udel.edu



Julian Melamed
jmelamed@udel.edu

Chemical & Biomolecular Engineering



Maura Koehle
makoehle@udel.edu



Melissa Gordon
gordonm@udel.edu

Civil & Environmental Engineering



Dong Wang
derawang@udel.edu



Maryam Alahmar
malahmar@udel.edu

Computer & Information Sciences



Irene Manotas
imanotas@udel.edu



Xinxin Qu
qux@udel.edu

Electrical & Computer Engineering



Elpiniki Apostolaki
elpiniki@udel.edu



Anagha Kulkarni
(Chair)
anagha@udel.edu

Mechanical Engineering



Anahid Ebrahimi
anahide@udel.edu



Diana Haidar
dhaidar@udel.edu

Materials Science & Engineering



Theresa Ginley
(Co-Chair)
tginley@udel.edu



Nairiti Sinha
sinha@udel.edu