Professor Xinqiao Jia has received a total of $4.85 million from the National Institutes of Health (NIH) for research aimed at improving human health through new methods of tissue engineering. Jia and her colleagues will explore ways to regenerate salivary glands damaged by radiotherapy for head and neck cancer. In addition, she will focus on understanding the causes of damage or scars to the vocal cords, which are the flexible tissues that enable us to speak.

Professor LaShanda Korley has received the Gerry Lessells Award from the American Institute of Chemical Engineers.

Dr. Wang was elected as the 2021 Fellow of the American Society for Bone and Mineral Research (ASBMR). She has been a UD instructor since 2005. Her research focuses on musculoskeletal biomechanics and mechanobiology. For Dr. Wang, this is a great opportunity to lead the scientific and medical associations and bring together clinical and experimental scientists involved in bone and mineral metabolism research.

Professor Arthi Jayaraman has been honored by three professional associations this year. She has been named a fellow of the American Physical Society, a deputy editor of a new journal for the American Chemical Society, and she received the 2021 Impact Award from the American Society of Chemical Engineers.

Professor Sarah Rooney has received a five-year NIH R25 grant to support the design of a new undergraduate course.

Professor Tingyi Gu has received a DARPA Young Faculty Award to further her research on nanophotonics and silicon photonics to improve digital communications.

For more information, visit http://sites.udel.edu/wie.
Ice Cream Social
The annual WIE Ice Cream Social Event, held in front of Dupont Hall, helped build community among COE graduate students, postdocs, and faculty. It was especially nice to gather in person after a year of mostly virtual events.

Welcome Coffee Hour
Graduate students and faculty gathered to enjoy coffee, lemonade, and desserts on a comfortable afternoon.

Title IX and Academic Bullying
WIE invited Associate Dean Dr. Jill Higginson to discuss common forms of academic bullying in graduate research and education. Participants had the opportunity to share their own experiences with academic bullying and learned about resources on campus available to help.

WIE Outreach
Serviam Girls Academy
For the fourth consecutive year, to give back to our community, WIE organized an educational outreach program at the Serviam Girls Academy in Wilmington. During the program, our committee members introduced Serviam girls to engineering disciplines and led fun, hands-on, engineering-inspired activities.

COE Graduate Student Awards

Computer and Information Sciences (CIS)
Mina Samizadeh won a computer and information sciences distinguished graduate student award.
Kara Pelster won a center for composite materials outstanding senior award.

Electrical and Computer Engineering (ECE)
Sabrina Rosenthal received the department of electrical and computer engineering Chairperson’s Award.
Sarah Jane Jensen received the ECE department’s nanoelectronics, electromagnetics & photonics graduate faculty award.

Biomedical Engineering (BME)
Ellen Bloom was awarded an NIH F31 fellowship.
Brea Chernoksal was awarded an NSF GRFP.
Emily Lambeth was awarded an NSF GRFP.

Material Science & Engineering (MSE)
Sai Patkar won an award for her oral presentations at F21MRS.

Mechanical Engineering (ME)
Elahe Gangi (recent alum and former WIE chair) earned a prestigious Beckman Institute Postdoctoral Fellowship.

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