MoIES Faculty recognized for leadership in research and education

Christine Luscombe, MoIES Education Director and Professor of Materials Science & Engineering, received the 2019 College of Engineering Faculty Award in Research. MoIES faculty members Elizabeth Nance, Assistant Professor of Chemical Engineering and Arka Majumdar, Assistant Professor in Electrical & Computer Engineering and Physics, received Junior Faculty Awards in recognition of their leadership in research and education. Congratulations!
First MoLE Ph.D. student graduates

Hao Shen joined our molecular engineering Ph.D. program in its first year, 2014. Hao studied protein design in biochemistry professor David Baker's lab and successfully defended his thesis, "De novo design of self-assembling helical protein filaments," last month. Read our profile celebrating Dr. Shen!

Research Highlights

MoLES Director Pat Stayton developing targeted 'radical cure' for malaria

A research team led by bioengineering Professor Pat Stayton received a grant from the Bill & Melinda Gates Foundation to develop a new therapeutic for the radical cure (prevention of relapse) of malaria. Learn how the team is using molecular engineering to tackle a major global health challenge.

Researchers show synthetic peptide can inhibit toxicity, aggregation of protein in Alzheimer's

Dylan Shea, a MoLE Ph.D. student in the lab of MoLES faculty member Valerie Daggett, has developed synthetic peptides that target and inhibit the small, toxic protein aggregates thought to trigger Alzheimer's disease. A new paper describing their findings was published in PNAS. Read more in Geekwire.

Major breakthrough in 3D organ printing detailed in Science

A research team led by MoLES faculty member Kelly Stevens, has created exquisitely entangled vascular networks that mimic the body's natural passageways for blood, air, lymph and other vital fluids. The team published its findings May 3 in Science. See related stories in Forbes and Newsweek.
The MAF is holding a 2.5 day Biomedical Characterization Workshop in partnership with NESAC/BIO. Attendees will learn the nuts and bolts of surface characterization.

July 29-31, 2019 | University of Washington Campus

DETAILS & REGISTRATION - Early registration ends July 19
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