

MUSCULOSKELETAL RESEARCH SYMPOSIUM

Sponsored by the Delaware Center for Musculoskeletal Research (DCMR)
Centers of Biomedical Research Excellence (COBRE)

- 1:00 Check-in
- 1:30-1:40 Welcome
- 1:40-2:15 Keynote Speaker, Dr. Edward Guo, Chair of Biomedical Engineering at Columbia University
How does mechanical loading build trabecular plate and rod microstructure
- 2:15-2:35 Research Talk, Dr. Elise Corbin, UD Biomedical Engineering
Adaptions of cells and tissues to dynamic microenvironments
- 2:35-2:55 Research Talk, Dr. Justin Parreno, UD Biological Sciences
The Regulation of Musculoskeletal Pathogenesis by the Actin Cytoskeleton
- 2:55-3:10 Networking Break
- 3:10-3:30 Multiscale Assessments Research Core Overview, Liyun Wang UD Mechanical Engineering
- 3:30-4:30 Faculty 5-min Research Pitches
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| Christopher Price- Biomedical Engineering | Liyun Wang- Mechanical Engineering |
| Charles Dhong- Material Science & Engineering, and Biomedical Engineering | Daniel White- Physical Therapy |
| Emily Day- Biomedical Engineering | Jill Higginson- Biomedical Engineering |
| Lucas Lu- Mechanical Engineering | Suzanne Milbourne- Wilmington VA Medical Center |
| Brian Kwee- Biomedical Engineering (Jan 2023) | Alvin Su- Nemours Children's Health |
| Jason Lim- Biological Sciences (Sept 2022) | Kenneth Rogers- Nemours Children's Health |
| Dawn Elliott- Biomedical Engineering | Shunji Tomatsu- Nemours Children's Health |
- 4:30-5:30 Poster Networking Reception
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| Suzanne Milbourne- Wilm. VA Medical Center | Kyle Meadows- Biomedical Engineering |
| Liyun Wang- Mechanical Engineering | Axel Moore- Biomedical Engineering |
| Jamie Benson- Biomedical Engineering | Harrah Newman- Biomedical Engineering |
| Ellen Bloom- Biomedical Engineering | Mandy Schofield- Biological Sciences |
| Sofia Gonzalez-Nolde- Biological Sciences | Luiz Silva- Nemours Children's Health |
| Kam Inguito- Biological Sciences | Shalini Sundar- Biomedical Engineering |
| Meghan Kupratis- Biomedical Engineering | Steven Voinier- Mechanical Engineering |
| Emily Lambeth- Biomedical Engineering | Kenneth Rogers- Nemours Children's Health |
| Thomas Manzoni- Biological Sciences | Zubaer Hossain- Mechanical Engineering |
| | Shamimur Rahman Akanda- Mechanical Engineering |



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