



Research TRAILBLAZER

NEW FACULTY 3-MINUTE MIXER (3MM)

FALL 2024

Friday September 6th – 9am-12pm – Culp Center Cave (1st floor)

This event features new faculty presenting their research and/or an idea they're exploring in 3 minutes. The overarching goal is to connect the research community, foster interdisciplinary collaborations, and provide an environment in which faculty can master concise research/idea messaging.

Schedule of Events

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| 9:00-9:05am | <i>3MM Introduction</i>
Dr. Nick Hagemeyer, Vice Provost for Research |
| 9:05-9:15am | <i>Diabetes Self Care and Continuous Glucose Monitoring</i>
Dr. Karen Carver
Nursing |
| 9:15-9:25am | <i>Improving the Implementation Fidelity of Tier 2 Mathematics Intervention</i>
Dr. Jingyuan Zhang
Educational Foundations & Special Education |
| 9:25-9:35am | <i>Creating the Connections, Characters, and Conversations that Forge Great True Stories</i>
Dr. Amy Wright
Literature & Languages |
| 9:35-9:45am | <i>Images That Speak Volumes: The Truths and Tales of Modern China Through Encyclopedic Photobooks</i>
Dr. Yi Liu
Art & Design |
| 9:45-9:50am | Connection Break |
| 9:50-10:00am | <i>Climate Change Ecology</i>
Dr. Ben Lee
Biology |
| 10:00-10:10am | <i>Student Pharmacist NAPLEX Prep Enhancement Utilizing Social Media</i>
Dr. Kaitlyn North
Pharmacy Practice |

- 10:10-10:20am *Domain Generalization*
Dr. Thuan Nguyen
Engineering, Engineering Technology, Interior Architecture, Surveying
- 10:20-10:30am *From Bangladesh to Appalachia: Safe Drinking Water & Environmental Health in Rural Landscapes and Beyond*
Dr. Md Rasheduzzaman
Environmental and Occupational Health and Safety Sciences
- 10:30-10:40am *Health Care Access Barriers in the Peripregnancy Period*
Olivia Sullivan
Center for Rural Health Research
- 10:40-10:45am Connection Break
- 10:45-10:55am *Rural Health Disparities: Individuals with Disabilities and Reproductive/Maternal Child Health*
Dr. Kayla Alvis
Center for Rural Health Research
- 10:55-11:05am *Synoptic Climatology*
Dr. Anthony J. Vega
Geosciences
- 11:05-11:15am *Appalachian Studies in Educational Settings and Creative Writing*
Megan Krupa
Curriculum & Instruction
- 11:15-11:25am *All Modalities During Problem-Based Learning*
Dr. Mark Hernandez
Medical Education
- 11:25-11:35am *Protein Misfolding and Aggregation in Degenerative Diseases*
Dr. Anoop Arunagiri
Biological Sciences
- 11:35-11:45am *Behavioral Differences Across Genders in Business and Economics*
Dr. Elif E. Demiral
Management & Marketing
- 11:45-11:55am *Examining the Intersection of Social, Policy, and Environmental Determinants on Reproductive and Child Health: A Demographic and Quantitative Approach Across the Global Contexts*
Dr. Saman Naz
Health Services Management & Policy, CARE Women's Health
- 11:55am-12:00pm **Wrap-Up**
Dr. Nick Hagemeyer, Vice Provost for Research