



ALABAMA SCHOOL OF MATHEMATICS AND SCIENCE 2023 SPRING RESEARCH FORUM

Schedule of Events

ASMS Dragon Legacy Distinguished Alumni Lecture

Ryan L. Shelby, Ph.D.

2:15 pm - Auditorium

Paper Presentations

3:00 pm - 4:00 pm

Media Room

- 3:00 pm *Small Angle X-Ray Scattering Intensities in BCN Compounds* - **Tuyako Khristoforova**
- 3:20 pm *Small Angle X-Ray Scattering for Structural Characterization of Glutathione-S-Transferases* - **Shayla Abrahms**
- 3:40 pm *Hulk Studies: Gender and Politics in Marvel's Hulk Media* - **Dayne Birdwell, Guils Holbrook, Lex Mroczko, Lily Smith**
- 4:30 pm *Alumni-Student Networking Panel: Engineering*
- 5:00 pm *Alumni-Student Networking Panel: Medical*

B208

- 3:00 pm *Proposing a Practical Solution to the Lack of Pedestrian and Biking Infrastructure in the US* - **Ugie Alilonu**
- 3:20 pm *Walkability Project - Future Fellows Special Presentation* - **Ella Brochu, Reagan Constantine, LeahGrace Feirman, Kimberly Gregson, Emily Imperato**
- 3:40 pm *Walkability of Mobile and Its Effect on Sustainability - Future Fellows Special Presentation* - **Emma Hunter, Chaselyn Martin, Esha Patel, Mary Whittington, Jenna Wood**
- 4:30 pm *Alumni-Student Networking Panel: Business / Tech*
- 5:00 pm *Alumni-Student Networking Panel: Academia / Research / Graduate School*

B126

- 3:00 pm *Mobile's Antebellum Ambassadors: The Old South Symbolism of the Azalea Trail Maids* - **Mia Brown, Andreea Trifas**
- 3:20 pm *"I Want to Break Free": How Music Reshaped Perceptions of the LGBTQ+ Community* - **Kaylie Hull**
- 3:40 pm *Finding the Driving Factors Behind Belief in Climate Change in the Mobile/Baldwin County Area* - **Wyatt Aiken**
- 4:30 pm *Alumni-Student Networking Panel: Law / Education / Non-Profit / Leadership*
- 5:00 pm *Alumni-Student Networking Panel: Art / Architecture / Design*

B129

- 3:00 pm *Use of Sodium Ascorbate to Neutralize Stratospheric Chlorine Radicals* - **Wei Cui, Sara John, Ayah Shalan**
- 3:20 pm *CiliaBuilder: A Hair Prosthetic for Your Ears* - **Gabriel Gurt, Marlan Zha**
- 3:40 pm *Using Genetic Algorithms to Create Magic the Gathering Decks* - **Sebastian Grieves**

Poster Session

3:00 pm - 4:15 pm

Bedsole Library Hallway

For a copy of the full schedule and abstracts visit:

