Student Research Day
Wednesday, April 29, 2015
Carbone Auditorium/Gordon Science Center

Schedule of Events

Welcoming remarks – Dr. Judith Kirkpatrick, Provost, Vice President for Academic Affairs, Utica College - Carbone Auditorium

2:30 - 2:50  The Rats and the Arts: Common Strategies and Transdisciplinary Inquires
Steven Specht, Professor of Psychology

2:50 - 3:00  Presentation set-up

3:00 - 4:30  Concurrent Oral Presentations, Sessions A, B, C, and D

4:45 - 5:30  Poster Presentations & Refreshments – Carbone Auditorium
SESSION A: Carbone Auditorium

Moderator: Alyssa Thomas, Assistant Professor of Chemistry

3:00 - 3:15: Pharmacophore Development and Drug Design Based on DNMT1
  • Gabrielle Abbott

3:15 - 3:30: Computational analysis of morphine analogs
  • Kelsey Ross, Andrenna Sykes, and Tasha Davis

3:30 - 3:45: The Effects of Wrapping NGM Culture Plates with Parafilm M® on the Growth and Development of Caenorhabditis elegans
  • Patrick Spica

3:45 - 4:00: A Novel Dihydrofolate Reductase Inhibitor Obtained Through Field-Based Computational Modeling and SAR
  • Anna Piasecki, Katherine Pearce, and Omer Hajder

4:00 - 4:15: Pharmacophore Model and Drug Design Targeting MepA
  • Trieu Le, Cassandra McNitt, and Phu Do
SESSION B: Gordon 262

Moderator: Aaron Mallace, Assistant Professor of Health Studies

3:00 - 3:15: The Future of US-German Relations
   • Adam Brooks

3:15 - 3:30: Responsible Museum Representations of Indigenous Cultures: A Case Study from Utica College’s Barrett Art Gallery
   • An Hoang and Joseph Conigliaro

3:30 - 3:45: The Progression of Worker Inequality Between the Erie Canal and New York Central Railroad
   • Andrew Walters

3:45 - 4:00: The Iroquois Trade Impact On The Mohawk Valley
   • Kennedy Jennings

4:00 - 4:15: Pelt and Prosperity: The Fur Trade along New York’s Mohawk Valley, 1730-1776
   • Nolan Cool
SESSION C: Gordon 271

Moderator: Luke Perry, Associate Professor of Government and Politics

3:00 - 3:15: Ultrasonography an evolving tool for the diagnosis of plantar fasciitis: systematic review of diagnostic trials.
  • Matthew Wyland, Lee Applequist, Heather Klingensmith, Erin Bolowsky, and Isaac Virag

3:15 - 3:30: Effectiveness of Ultrasonography in Diagnosing Chronic Lateral Ankle Instability: A Systematic Review
  • Nicole Webber, Jordan Bakowski, Bridget Greenwald, Eryn Hyde, and Stephanie Dew

3:30 - 3:45: Effect of TENS on Ischemic Pain: A Systematic Review
  • Taylor Lennon, J. Alexander Sheridan, Jacob Templar, and Joshua Torrey

3:45 - 4:00: Title IX – Sexual Harassment
  • Melisa Segura

4:00 - 4:15: New York State Court Data Analysis
  • Rachael Payne
SESSION D: Gordon 272

Moderator: Sara Scanga, Associate Professor of Biology

3:00 - 3:15: Prey Detection by the Red-backed Salamander Under Low Illuminations
  • Jon Treen and Mark Nelson

3:15 - 3:30: Effects of sound waves on Zea mays
  • Bajro Nuhanovic, Tiffany Cabrera, Michael Jones, and Ryan Skowron

3:30 - 3:45: Long-term changes in nitrogen export in two neighboring watersheds in the Adirondack Mountains.
  • Gabriel Zabala and Alexandria A. Alinea

3:45 - 4:00: The Effect of Artificial Night Lightning on the Activity of Drosophila virilis
  • Tiffany Cabrera, Jasmina Samardzic, and Abigail Schaible

4:00 - 4:15: The Effect of the Antifungal Secretions of a Novel Pseudomonas Species on Cell Hydrophobicity, Growth Viability and Ion Permeability of Candida albicans
  • Daniele Casper and Danielle McHarris

4:15 - 4:30: Virulence of a Novel Melanin Producing Pseudomonas Species UC17F4 on C.elegans
  • Mary Brockett
How bad is it doc? The varying predictions of ODE cancer growth models.
  • Hope Murphy

Skidaway Institute of Oceanography Internship
  • Ashley Ward

What Do Students Want in a Syllabus: An Exploratory Study
  • Katharine Shove

Synthesis and Stability of Cysteine- and Cystine-capped Gold Nanoparticles
  • Phu Do

Synthesis of a series of methyl-1-indanone derivatives for biomimetic studies
  • Tasha Davis

Heavy Metal or Light Metal:
A Closer Look at the Bimodal Metallicity Distribution of the CGM
  • Brittany Vanderhoof

Synthesis and Characterization of Novel Organosilicate Systems
  • Shamaris Perez