

2022 Western New York STEM Forum (v2)

Wednesday Evenings – 7:30-9:30 PM
in Room 205 Natural Sciences Complex, UB North Campus

ORGANIZING COMMITTEE: Dr. Steve Free (UB Biological Sciences), Dr. Omer Gokcumen (UB Biological Sciences) and Dr. Javid Rzayev (UB Chemistry)

- September 7 **4:00 PM Field Trip:** BUFFALO STATE PLANETARIUM, 1300 Elmwood Avenue, Buffalo
- September 21 **3:30 Field Trip:** UB SEQUENCING CORE, Location TBA
Location: Lobby of 701 Ellicott Street (Center of Excellence in Bioinformatics and Life Sciences Building)
Presentation from Jennifer Surtees and Donald Yergau
Host: Stephen Free
NOTE: There is street parking around the building on Virginia Street or Ellicott Street (very limited but can be utilized since it is late in the day). There is also a parking lot located at 589 Ellicott Street. The CBLIS is a short walk from this lot.
- September 28 DR. DEJAN STOJKOVIC, Department of Physics, University at Buffalo
“Research on Wormholes”
- October 5 DR. AIMEE STABLEWSKI, Co-Director, Gene Targeting and Transgenic Shared Resource, Roswell Park
“How Genome Editing Has Changed Over the Years?”
- October 12 DR. DAVID HEPPNER, Department of Chemistry, University at Buffalo
“Drug Design and Cancer Targeted Therapies”
- October 19 DR. COREY KRABBENHOFT, Department of Biological Sciences, University at Buffalo, beginning January 2023
“Aquatic Ecology”
- October 26 **4:00 PM Field Trip:** BUFFALO SCIENCE MUSEUM, 1020 Humboldt Pkwy., Buffalo
Potentially will be canceled. Pending
- November 9 **5:00 PM Field Trip:** BUFFALO STATE, SCIENCE AND MATHEMATICS COMPLEX (SAMC), Room 170, 1300 Elmwood Avenue, Buffalo
“Forensic Chemistry for Scientific Criminal Evidence Investigation”
- November 16 DR. JOHN ATKINSON, Department of Structural, Civil, and Environmental Engineering, University at Buffalo
“From Reactive to Proactive: How We Can Help Transition US Waste Management”
- November 30 **Virtual Field Trip:** Sims Municipal Recycling (NYC); <https://www.simsmunicipal.com>
- December 7 DR. STEPHANIE POINDEXTER, Department of Anthropology, University at Buffalo
“Studying Primate Cognition in the Wild”