

# 2024 Western New York STEM Forum

7:30-9:30 pm (Field trips start at 4:00 pm)  
UB North Campus, Natural Science Complex room 220

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**SCHEDULER:** Dr. David Lacy (dclacy@buffalo.edu/716-645-4114)

**SECRETARY:** Barbara Raff (raff@buffalo.edu/716-645-6805)

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

**Prior registration is not required. Attendance will be recorded during each event.**

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- September 4      KRISTIN POINAR, Assistant Professor, UB Department of Geological Sciences  
*"The Inner Workings of the Greenland Ice Sheet"*
- September 11      **4:00 PM FIELD TRIP** to UB Brain Museum, South Campus  
CHRISS COHAN, SUNY Distinguished Teaching Professor, Pathology & Anat Sciences  
*"UB Brain Museum"*
- September 18      **4:00 PM FIELD TRIP** to SEAS Shared Instrumentation Labs, UB North Campus  
JEFF SALZMANN, Assistant Professor/Cleanroom Manager, UB School of Engineering and Applied Sciences  
*"Cleanrooms and Semiconductor Fabrication Technology"*  
**Instructions:** meet in Davis Hall 230A (2<sup>nd</sup> floor) at 4 pm.
- September 25      JONATHIN BIRD, Professor and Chair, UB Department of Electrical Engineering  
*"Chips With Everything: Microelectronics & WNY"*
- October 2          **4:00 PM FIELD TRIP** to Letchworth Woods area, UB North Campus at Ellicott Complex  
NICK HENSUE, Associate Teaching Professor, UB Department of Environment and Sustainability Field  
*"Field Ecology in Letchworth Teaching Forest"*
- October 9          NAOKI MASUDA, Professor, UB Department of Mathematics  
*"Network Science: Mathematical Modeling and Interdisciplinary Applications"*
- October 16         JOHN CRASSIDIS, SUNY Distinguished Professor, UB Department of Mechanical & Aerospace Engineering  
*"Space Debris: It's Just Floating Space Junk, So Why Do We Care?"*
- October 23         CHRIS LI, Assistant Professor, UB Department of Chemistry  
*"Nitrogen Cycle – The Chemical Reaction that Feeds the World"*
- October 30         EDUARDO MERCADO, Professor, UB Department of Psychology  
*"Why Whales Sing and Dolphin's Don't"*
- November 13       DAVID HOEKSTRA, Associate Teaching Professor, UB Department of Biological Sciences  
*"Buzzing with Excitement: Experiential Learning with Pollinators"*
- December 11       DHEERAJ ROY, Assistant Professor, UB Department of Physiology and Biophysics  
*"Role of the anterior thalamus in learning and memory"*

**NOTE ROOM CHANGE: meet in NSC 210**