

2025 Western New York STEM Forum

Wednesday Evenings – 7:30-9:30 PM (Field trips start at 4:00/4:30pm)
in 218 Natural Sciences Complex, UB North Campus

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

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

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

Date	Speaker / Event
September 3	Emanuela Gionfriddo, Associate Professor, Department of Chemistry (UB) Title: High-Precision Chemical Measurements: Finding Toxic Needles in Polluted Haystacks
September 10	Dusan Sarenac, Assistant Professor, Department of Physics (UB) Title: Material Characterization Using Neutrons and Structured Light
September 17	Wenyao Xu, Professor, Department of Computer Science and Engineering (UB) Title: Use-Inspired AI: Transforming Health Science from Pediatric to Elderly Care
September 24	Dejan Stojkovic, Professor, Physics (UB) Title: Black Holes in the Universe and Lab
October 1	Jonathan Lovell, Professor of Biomedical Engineering (UB) Title: Adventures in Vaccine Nano-Velcro
October 8	Peter L. Elkin, MD, Department of Biomedical Informatics (UB) Title: Artificial Intelligence in Health and Healthcare
October 15	4:30 pm Field Trip to Buffalo State Planetarium
November 5	Nicole Cieri-Hutcherson, Clinical Associate Professor and Assistant Director of Experiential Education, Department of Pharmacy Practice (UB) Title: Contraceptive Access in the Pharmacy Setting
November 12	Ketki Lichade, Assistant Professor, Department of Mechanical and Aerospace Engineering (UB) Title: Advanced Manufacturing of Bio-inspired Multifunctional Structures
November 19	Jason B. Benedict, Professor and Interim Director of UB Hauptman-Woodward Institute, Department of Chemistry (UB) Title: Crystal Science and Education in Western New York... and Beyond
December 3	Amy E. Millen, Associate Professor, Department of Epidemiology and Environmental Health (UB) Title: Nutritional Epidemiology and Age-related Chronic Disease; Age-related Eye Disease; Periodontal Disease; Vitamin D; Diet Patterns