

2017 Western New York SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS (STEM) Forum

Wednesday Evenings – 7:30-9:30 PM
in Room 210 Natural Sciences Complex, UB North Campus
(unless noted otherwise)

SCHEDULER: Dr. Javid Rzayev (jrzayev@buffalo.edu/645-4314)

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

ORGANIZING COMMITTEE: Dr. Liesl Folks (UB), Dr. Andrew Whittaker (UB), Sandi George (Frontier),
Dr. Jeffrey Arnold (Daemen), Dr. Marcus Bursik (UB), Dr. Steve Free (UB),
Dr. Michael DeMarco (Buffalo State College), Tom Bird (Williamsville)

- September 13 PROF. JASON BENEDICT, Dept. of Chemistry, University at Buffalo
"Who Doesn't Love a Good Crystal!"
- September 20 **4:00 PM VISIT** to PENN DIXIE, Bristol Rd. & Big Tree Rd., Blasdell, NY
Tour guide: Holly Schreiber, PhD, Director of Education
- September 27 PROF. JONATHAN LOVELL, Dept. of Biomedical Engineering, University at Buffalo
"Chlorophyll to Build Nanoparticles that Treat and Prevent Disease"
- October 4 PROF. ZHEN WANG, Dept. of Biological Sciences, University at Buffalo
"Synthetic Biology, Using Microbes as Chemical Factories"
- October 12 **THURSDAY, 4:00-7:00 PM VISIT** to BUFFALO SCIENCE MUSEUM, 1020 Humboldt Pkwy., Buffalo
(Thursday) *Tour guide:* Meghan Dye, Director of Learning
- October 18 PROF. PATRICK RAVINES, Director & Associate Professor, Patricia H. and Richard E. Garman Art
Conservation Department, State University of New York College at Buffalo (SUNY Buffalo State)
*"A Look at Some of the Chemistry, Physics and Material Science of the Daguerreotype, The
19th Century's First Commercially Viable Photographic Process"*
- October 25 **4:00 PM VISIT** to NIAGARA POWER PLANT, 5777 Lewiston Road, Lewiston, NY
- November 1 **3:30 PM VISIT** to BUREAU VERITAS CONSUMER PRODUCT SERVICES, 100 N Pointe Pkwy., Buffalo
Tour guide: Gayle Gleason, Analytical, Microbiology, and Latex Laboratory Manager
- November 8 PROF. MATTHEW BOLTON, Dept. of Industrial and Systems Engineering, University at Buffalo
"Provably Safe: Using Formal Methods to Human-proof Complex Systems"
- November 15 MR. DAVID O'DONNELL, Eastern Monarch Butterfly Farm, Clarence, NY
"Monarch Butterfly Recovery and Habitat Restoration in Western New York"

There is a \$30.00 charge for the lecture series. Make checks payable to "WNY Science Forum".