

# 2014 Western New York SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS (STEM) Forum

Wednesday Evenings – 7:30 - 9:30 PM  
in Room 220 Natural Sciences Complex, UB North Campus

**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), Dr. Ann Wright (Canisius),  
Sandi George (Frontier), Dr. Jeffrey Arnold (Daemen), Dr. Marcus Bursik (UB), Dr. Steve Free (UB),  
Dr. Michael DeMarco (Buffalo State College), Tom Bird (Williamsville)

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- September 10      PROF. JASON BRINER, Dept. of Geology, University at Buffalo  
*"A Journey to the Arctic: Climate Changes and Glaciers Respond"*
- September 17      PROF. MANORANJAN MAJJI, Dept. of Mechanical & Aerospace Engineering, University at Buffalo  
*"Autonomous Systems Research: An Effective Tool for STEM Education for Gen Y"*
- September 24      PROF. JOHN L. CRASSIDIS, Dept. of Mechanical & Aerospace Engineering, University at Buffalo  
*"Space Debris: It's Just Floating Space Junk, So Why Do We Care?"*
- October 1            **4:00 PM VISIT** to the BUFFALO MUSEUM OF SCIENCE, 1020 Humboldt Pkwy., Buffalo, NY  
MS. JODI PROTAS, Learning and Interpretation Administrator  
4:00-4:30      *Arrival & Refreshments*  
4:30              *Mysteries of the Unseen World Film*  
5:15-6:00      *Mysteries of the Unseen World Professional Development*  
6:00-7:00      *Free Time*
- October 8            **4:00 PM VISIT (includes dinner)** to PRAXAIR, 175 East Park Drive, Tonawanda, NY  
DR. CYNTHIA HOOVER, Director of Applications R&D
- October 15           **4:30 PM VISIT** to the BUFFALO ZOO, 300 Parkside Avenue, Buffalo, NY  
MS. TIFFANY VANDERWERF, Curator of Education
- October 22           DR. DON DUGGAN-HAAS, Senior Education Research Associate, The Paleontological Research  
Institution, Ithaca, NY  
*"There's No Such Thing as a Free Megawatt: Hydrofracking as a Gateway Drug to  
Energy Literacy"*
- October 29           MS. AIMEE B. STRABLEWSKI, Co-Director of the Gene Targeting and Transgenic Resource, Roswell  
Park Cancer Institute, Buffalo, NY  
*"Creating Animal Models of Disease through Genetics"*
- November 5           **7:30 PM VISIT** to the WILLIAMSVILLE SPACE LAB PLANETARIUM located @ Williamsville North  
High School, 1595 Hopkins Road, Williamsville, NY  
MR. MARK PERCY, Director
- November 12        MR. KARL CHRISTOPHERSON, Toy Designer, Fisher Price Toys  
*"Toys by Design"*

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