

# WESTERN NEW YORK SCIENCE AND TECHNOLOGY FORUM

## *Horizons of the Sciences 2009/2010*

Wednesday Evenings - 7:30-9:30 PM

in Room 201 Natural Sciences Complex, UB Amherst Campus

Secretary: Barbara Raff – 645-6805

Director: Prof. George H. Nancollas – 645-4284

Co-Directors: Dr. Stephen Free – 645-2363 Ext. 149 & Dr. Jason Briner – 645-4326

1. September 9 DISTINGUISHED PROF. EMERITUS C.H.V. EBERT, Geography Department, University at Buffalo  
*"Alpine Terror: Avalanches"*
2. September 16 MR. FRED SCHROCK, Education Coordinator, *Buffalo Tours*  
*"Erie Canal: Old and New"*
3. September 23 **4:30 PM Visit** - Waterfront Erie Canal Tour, *Buffalo Tours*, Naval Park Cove, Marine Drive & Commercial Street, Buffalo, NY
4. September 30 DR. CHRIS LAWRENSEN, Senior Design Engineer, Aerospace and Defense, PCB Piezotronics, Inc. Depew, NY  
*"Sensors in the Aerospace Industry"*
5. October 7 **5:00 PM Visit** to Daemen's Research and Information Commons, 4380 Main St., Amherst, NY  
PROFESSOR BRENDA YOUNG, Associate Professor of Biology, Daemen College  
*"Green Buildings: New Models for Science Education"*
6. October 14 SUNY DISTINGUISHED TEACHING PROFESSOR CHARLES E. MITCHELL, Geological Sciences, University at Buffalo  
*"Intelligent Design: Scientific Creationism's Next Generation -- Faster, Smarter, & Still Wrong"*
7. October 21 DR. MARGARET WOOSTER, Watershed Planner for Buffalo Niagara River Keeper, Buffalo, NY  
*"Living Waters"*
8. October 28 PROFESSOR SHAMBHU J. UPADHYAYA, Computer Science and Engineering, University at Buffalo  
*"Cyber Security: Challenges for the Future"*
9. November 4 MR. ALAN FRIEDMAN, President, Great Arrow Graphics, Research Associate in Astronomy, Buffalo Museum of Science, Buffalo, NY  
*"A Journey Through Time and Space: Exploration of the Solar System from a Buffalo Backyard"*
10. November 11 MONICA SPAULDING, M.D., University at Buffalo Medical School  
*"Performance Enhancing Drugs in Sports"*
11. November 18 MR. ROBERT E. KNOER, Esq., The Knoer Group, PLLC, Buffalo, NY  
*"Cost of Carbon"*
12. December 2 PROFESSOR WILLIAM WIECZOREK, Center for Health and Social Research, Buffalo State College  
*"Alcohol and Public Health: Complex Biological and Social Interactions"*
13. December 9 DR. WAYNE GALL, New York State Department of Health  
*"The Far Side of Nature"*
14. December 16 PROFESSOR KATHARINA DITTMAR DE LA CRUZ, Dept. of Biological Sciences, Univ. at Buffalo  
*"Bats, Caves, and Bat Fleas"*
15. January 6 PROFESSOR PAUL J. CULLEN, Department of Biological Sciences, University at Buffalo  
*Venue TBA*  
*"Grapes, Yeast, and Wine"*
16. January 13 PROFESSOR DENISE FERKEY, Department of Biological Sciences, University at Buffalo  
*Venue TBA*  
*"What You Can Learn From a Nematode"*

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