ESF Outreach E-News
September 2012

A regular update on ESF’s outreach programs, projects, partnerships and people.
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Visit our blog @ esfoutreach.wordpress.com

Upcoming Programs

ESF in the High School Fall Registration
September 3 - 7, 2012
ESF in the High School is ready to begin another new year of serving High School students throughout New York State by providing the opportunity to earn SUNY-ESF college credits in their own high schools. Classes will be starting soon and registration is underway. For more information, please see the ESF in the High School page.

Solar Power As Renewable Energy (SPARE) PV Installation and Maintenance Training
October 22 - 25, 2012
SPARE Basic course trains participants to install and maintain photovoltaic systems in a four day course which is recognized by the North American Board of Certified Energy Practitioners. For more information and to register, visit the SPARE website.

Fundamentals of Engineering (FE) & Principles of Engineering (PE) Review Classes
October 9, 2012 - March 21, 2013
These review classes are designed to help engineers prepare for the spring 2013 engineering licensure exams. For more information, including class schedules and registration information, please visit the FE/PE website.

For a complete calendar of Outreach events, visit: www.esf.edu/outreach/calendar.asp

Announcements

Get ESF off the Hill!
In a presentation to a group of education, business, and community leaders, Dr. Neil Murphy (ESF president) spoke about ESF's long-standing commitment to outreach service. In response to a question regarding outreach, he said the ESF Outreach Office’s role is to “Get ESF off the Hill.”

ESF Outreach shares Dr. Murphy’s vision to extend professional and educational programs well beyond the limits of the University hill as we strive to serve the larger community at the state, regional, national and international levels.

To read the rest of this story, please visit the SUNY-ESF Outreach blog
Outreach Staff Update

Emily Gillis has served with SUNY-ESF Outreach for nearly five years and we all deeply appreciate her service and many accomplishments. Emily has accepted a conference coordinator position in the Conference Division at Purdue University, one of the largest collegiate conference programs in the nation. Please join us in wishing Emily success and fulfillment her new position and all her future endeavors.

Howie Hollander has joined the ESF Outreach staff as Interim Associate Director for Professional Education as part of Katherina Searing's maternity leave. Many of us know and have worked with Howie on a variety of efforts over the last ten years. Howie is a MOST (Museum of Science and Technology) board member, a long-standing president of TACNY (Technology Alliance of Central New York), and Vice President/Secretary of the Central New York Jazz Arts Foundation board. He is an engineer with a Bachelor's in Electrical Engineering and a Masters in Engineering Management who, for nearly thirty years, worked in a variety of roles at Lockheed Martin Corporation, including Senior Manager of Systems Engineering, Software Engineering, Information Technology, and Systems Integration. We know you will enjoy working with Howie and find his passion for STEM education and his enthusiasm contagious.

Sean Nicholson. Many of our Outreach participants and collaborators had the pleasure of getting to know and work with Sean during a rather intense stretch this past spring/summer. Sean clearly demonstrated that he is a bright, supportive, and capable colleague. This is why we're enthused to let you know he has returned to Outreach with a focus on Professional Education programs and projects. Sean holds a B.S. degree in Biology from Syracuse University.

Erik Untiedt recently joined the Outreach team as the program coordinator for a professional training program funded, in part, by a U.S. Department of Labor, Employment and Training Administration H-1B Technical Skills Training Grant: Enhancing American Jobs and Global Competitiveness: A Collaborative Initiative in Sustainable Materials and Manufacturing awarded to SUNY-ESF and eleven partner organizations. Erik earned a Bachelors of Science from SUNY-ESF in Environmental Studies with a concentration in communication and information. He then earned a Masters of Science from Canisius College with a focus on secondary science education. For the past seven years, Erik has worked in secondary science education with the Chesapeake Bay Foundation and with school districts in Virginia and New York. Additionally, Erik has extensive experience integrating instruction technology with science curricula.

Acknowledgments

Doug Daley, Tim Toland, and Ron Kenyon
Many ESF Outreach programs carry professional certification units for engineers, architects, and landscape architects. ESF also offers a Fundamentals of Engineering and Principles of Engineering Licensure Exam Review Course. The ongoing review of programs for professional certification units is an important and timely process. Many thanks to Doug Daley (Associate Professor in the Department of Environmental Resource Engineering at SUNY-ESF), Tim Toland (Associate Professor in the Department of Landscape Architecture at SUNY-ESF), and Ron Kenyon (Architect and Educational Facilities Planner, Syracuse City Schools) and for their service to ESF and the larger engineering, architecture, and landscape architecture communities of professionals we serve.

Items of Interest to our Outreach Friends and Colleagues

Spring Professional and Educational Outreach
March – June 2012
This spring was very active at SUNY-ESF Outreach with many diverse outreach initiatives. These events served over 2,000 individuals ranging from middle school students to academic and industry professionals representing local, regional, and national organizations. Among these initiatives were:

- 11th Environmental Challenge science fair
- Two SPARE (Solar Power As Renewable Energy) training events
- 10th annual Green Building Conference
- Two ESF in the High School Teacher Professional Development Symposia
Thank you to all the contributors, speakers, participants, volunteers, faculty, and staff for their hard work and involvement in making this spring's initiatives so successful!

*July – August 2012 / Syracuse, NY*
For six weeks during the summer months roughly 180 middle and early high school students, primarily from the Syracuse City School District (SCSD), participated in week long day camps featuring hands-on learning focusing on science and the environment. This year was the 3rd year HSBC bank provided sponsorship for ESF S.C.I.E.N.C.E. and other partnerships included Syracuse City Parks and Recreation, Syracuse University Partnership for a Better Education, Onondaga Community College, SCSD, Girls Inc., Institute of Technology Central High School, and Nottingham High School. Thank you to all the contributors, partners, staff, and participants. Please visit the [ESF S.C.I.E.N.C.E. webpage](#) for more information.

**Graduate Assistant Colloquium on Teaching and Learning**
*August 22 - 23, 2012 / SUNY-ESF Campus, Moon Library, Syracuse, NY*
As a part of SUNY-ESF's commitment to excellence in teaching and learning, this yearly colloquium is designed to give SUNY-ESF graduate assistants (GAs) tools and skills to be more effective teachers and be better prepared for the challenges they will face as GAs. This year hosted 85 graduate students in this two day training program. One of this year's participants remarked that they most appreciated, "identifying different learning types and the focus on communication as integral to teaching success." Our thanks to the teaching fellows, faculty, and staff who participated and contributed to making this year's colloquium a success. For more information on this event, please visit the [GA Colloquium event page](#).

Learn more about these and other ESF Outreach activities at: [www.esf.edu/outreach/](http://www.esf.edu/outreach/)