



## SUNY-ESF Outreach E-news

March 2009

A regular update on some of SUNY-ESF's outreach programs, projects, partnerships and people.

### **Featuring ESF Outreach Programming for K-12**

#### **ESF in the High School (EFB120 and CLL190)**

*ESF in the High School (ESFHS)* is a school-college partnership program that, beginning in 1999 with three schools and thirty students, has grown to nearly 30 NYS schools throughout Central New York as well as in Rochester and New York City, and enrolls over 500 students. *ESF in the High School* enables qualified students to complete college-level coursework while still in high school. This program develops young citizens who will contribute to a healthy environment and a sustainable future. One past student reflects to her *ESF in the High School* teacher about her ease of handling a scientific article assignment in college, "I read the article and knew exactly what the scientist was proposing, his methods of research, his results and his conclusions. It was so simple for me and its all due to you."

[Read More](#)

#### **National Science Foundation GK12 Project: Environmental Science to Promote Sustainable Urban, Rural, and Indigenous Communities**

Our \$1.6 million NSF GK12 grant-funded project (our 2<sup>nd</sup> GK12 grant) has been successful in infusing science research and learning into high schools. Graduate Teaching Fellows are members of the *ESF Science Corps* and are embedded in 12 *ESF in the High School* schools and regularly interact with 13 additional participating schools. In 2008-09 the project will impact nearly 420 students, and according to Lisa Lowenberg (Chittenango HS Global Environment teacher) the program "is one of the most valuable teaching tools that I have come in contact with in the last 10 years".

[Read More](#)

#### **Environmental Summit**

The Environmental Summit is a research symposium designed to bring together a community of High School-aged scientists to present and discuss their original research to their peers, high school and college science faculty, graduate and undergraduate students. Research is conducted as part of the *ESF in the High School* Global Environment course curriculum, enabling high school students to engage not only in the knowledge but process of science.

[Read More](#)

#### **Environmental Challenge**

The Environmental Challenge is a science fair and career exploration opportunity designed for all Syracuse City School District 7<sup>th</sup> and 8<sup>th</sup> grade students. The Challenge encourages student research, scientific inquiry, and critical thinking. This March 450 students participated, along with 100 volunteer judges. For one judge, Kevin Bliss from NYS DEC, the event provided "no small amount of encouragement relative to the future of science".

[Read More](#)

## **SUNY-ESF Outreach Calendar – What’s Happening in March, April and May**

### **March 17 – June 1**

*Applications are now being accepted for the 2009-2010 **Advanced Certificate in Bioprocessing cohort**. This advanced certificate is a graduate level program offered by SUNY College of Environmental Science and Forestry (SUNY-ESF) and is a SUNY and NYS Education Department approved certificate. Graduates of the program can support the development and manufacture of products produced through a bioprocess or from a biomaterial, such as those produced from biorefineries.*

[Apply Now](#)

### **March 19 – 20**

Department of Construction and Wood Products Engineering, led by Dr. Bob Meyer (Professor, Construction Management & Wood Products Engineering), will host the **7<sup>th</sup> Annual Green Building Conference** at the Oncenter Complex in Syracuse. The conference mission is to “promote, educate and support green building design, construction and processes.”

[Information and Registration](#)

### **March 3, 11-12, 19-20 | April 1, 8-9, 16, 29-30 | May 6-7, 13, 20-21, 27**

Department of Environmental Resources and Forest Engineering, **Stormwater Management Series**, instructed by Donald W. Lake, Jr., P.E., CPESC, CPSWQ, Engineering Specialist, and co-instructed by John Dunkle, P.E., CPESC, CPSWQ, of Dunn & Sgromo Engineers. SUNY-ESF is pleased to present a series of day-long workshops on stormwater management and planning.

[Information and Registration](#)

### **March 22 – 23**

Central New York Biotechnology Research Center, led by John Fieschko (Executive Director, CNY Biotechnology Research Center) will host the **Advances in Bioprocessing: Cultivating Economic Growth conference**. The goal of the conference is to bring bioprocessing industry leaders together with innovators in the field, R&D specialists and academics to position NYS as a leading employer in the field of bioprocessing.

[Information and Registration](#)

### **March 29 – 31**

Department of Forest & Natural Resources Management, led by Dr. Diane Kuehn (Assistant Professor, Forest & Natural Resources Management) will host the **Northeastern Recreation Research Symposium**, held at the beautiful Sagamore Resort, to foster quality information exchange between recreation and travel resource managers and researchers throughout the Northeast.

[Information and Registration](#)

### **April 20-23**

SUNY-ESF in partnership with SUNY Morrisville, instructed by Dr. Gay Canough (Founder/President, ETM Solar Works) will hold a 4-day **Basic Photovoltaic Installer and Maintenance Training course**, SUNY SPARE (Solar Power as Renewable Energy) at SUNY Morrisville. This course is full. Please visit our website for information on registering for the July course.

[Information](#)

**May 8**

ESF Outreach and the Department of Forest and Natural Resources Management, led by Gary Lim, M.A. (Founder/President, Aurarius LLC and Visiting Professor and Kaufmann E-Professor of Entrepreneurship, SUNY-ESF) will host **Green Business: Separating the Green from Business** at the Millennium UN Plaza Hotel in New York City. Are you confused by all this talk of “green” business? How do terms like “sustainable”, “green”, “eco-friendly”, and others relate to your business? Will these strategies help your company, or distract you from your core objectives? Let Gary answer those questions and more for you.

[Information and Registration](#)

**For a complete listing of SUNY-ESF Outreach events, please visit our calendar at <http://www.esf.edu/outreach/calendar.asp>**

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