ESF in the High School’s Research Discussion Group goes online with Social Networking

A member of the ESF Science Corps and one of our National Science Foundation GK12 Fellows, Keith Bowman, has created a social networking page through which ESF in the High School students enrolled in one of ESF’s college courses, Global Environment, can ask questions and share ideas about their course-related research projects. Keith, an ESF Ph.D. student from Minnesota majoring in Environmental Biology, and other ESF graduate students, NSF Fellows and faculty participate in order to provide support and information.

ESF in the High School is a school/college partnership program that enables qualified students to experience college-level course work while still in high school, and to understand the complex scientific and social perspectives behind the environmental issues that make headlines every day such as the relationship between energy and the environment. One of the courses offered through ESF in the High School is The Global Environment (EFB 120). The Global Environment and the Evolution of Human Culture has been a core course at ESF for close to 20 years. Each year about 250 students take Global Environment (for short) on campus; it is a required core course for two of our undergraduate programs and also fulfills a SUNY-wide general education requirement in either Natural Science or Social Science. Global Environment is unique in its integration of the study of the environment with the study of history and human culture all into one course. Students participate in a research project to explore an area of interest. This gives students first-hand experience dealing with an environmental issue and develops tools they need for their future college careers. This year, to better serve students in participating high schools across the state, this discussion forum was created through an online social networking site.

Dr. Rick Beal is Assistant Dean of Educational Outreach and an Adjunct Professor in the Department of Environmental and Forest Biology. Rick teaches The Global Environment (EFB 120) in the fall and spring Semesters. Students have the opportunity to take this course in your school through ESF in the High School or online (if your high school doesn’t offer ESF in the High School) through ESF Online: http://www.esf.edu/esfonline/globalenvironment.htm

Business Idea Competition with prize of $5,000!

As part of ESF’s SAGE Project (Sustainability and Green Entrepreneurship), SUNY-ESF and the Metropolitan Development Association of Syracuse and Central New York, Inc. (MDA) are partnering to provide education and encouragement for high school students to participate in the MDA’s Business Idea Competition that has a prize of $5,000. With continued support from a NYS Department of Labor Grant led by CNY Works, we will hold a one-day SAGE seminar entitled “Do you want to be a science millionaire” on Wednesday, November 11, 2009 from 8:30 AM until 3:30 PM at the Rosamond Gifford Zoo Community Room in Syracuse. This seminar is open to both high school students and teachers and will introduce them to the people and ideas that demonstrate the green entrepreneurial spirit. The event is free but pre-registration is required. Registration is open now at www.esf.edu/outreach/sage/

The SAGE Project also includes the summer Introduction to Green Entrepreneurship course taught by ESF Visiting Professor Gary Lim. The 2010 course will be held at SUNY-ESF July 26-30. This one-week, 3-credit course, for rising high school seniors and recent high school graduates was created to jump start
participant skill development in communication, strategy and planning, funding and seed capital, company and team formation, product launch, networking and more.

Throughout the year there will be other programs offered to high school students and teachers with our community partners to encourage and support environmental entrepreneurship, innovation and creativity throughout New York State. Check our website for updates.

**Information and Program Specifics**

**Principles of Engineering (PE) Exam Review Course**
Review courses are offered with the leadership of Dr. James Hassett, Environmental Resources and Forest Engineering. Prepare for these important exams with 13 expert instructors dedicated to your success.

PE Classes are on Wednesday, 6:00 – 8:00 pm at ARCADIS - Register today!
- Civ: 12/9/09 - 3/3/10
- EE: 1/7/10 - 3/11/10
- Env: 2/10/10 - 4/14/10

**Information and Registration**

**Dave Eichorn's 2010 Sustainable Seasons calendar**
Produced in collaboration with the Amos Project: Advancing Methods of Sustainability, Dave's calendar is available for sale through ESF Outreach. A portion of the proceeds from this calendar will benefit the Cornell University Cooperative Extension of Onondaga County and SUNY ESF’s Science Corps. Learn more about the ESF Science Corps at [http://www.esf.edu/outreach/sciencecorps/default.htm](http://www.esf.edu/outreach/sciencecorps/default.htm)

**SUNY-ESF Outreach Calendar – What’s happening November - December**

**Thursday, November 5, 2009**
- **ESF in the High School / National Science Foundation project Teacher Workshop**
  3:30 pm - 6:00 pm. 110 Moon Library.
  **Sponsor:** ESF Outreach | **Contact:** R. Beal, 315-470-4867 | **Website:** [http://www.esf.edu/outreach/sciencecorps/default.htm](http://www.esf.edu/outreach/sciencecorps/default.htm)

**Wednesday, November 11, 2009**
- **SAGE09: Sustainable and Green Energy Seminar**
  8:30 am - 3:30 pm. 110 Moon Library. Do you want to be a science millionaire? All day event for high school students and teachers to learn about the opportunities and ventures in profit and non-profit contexts with the goal of developing a green and sustainable business idea to enter into the **MDA of CNY & Syracuse Business Idea Competition**. Program will look at the science of environmental challenges, entrepreneurial thinking and the role they play in these challenges. FREE event. Must pre-register. Limited space.
  **Sponsor:** ESF Outreach | **Contact:** Maura Harling Stefl, 315-470-6889 | **Website:** [http://www.esf.edu/outreach/sage/](http://www.esf.edu/outreach/sage/)

**Monday, November 23, 2009**
- **Quantification and Valuation of Ecosystem Services: A SUNY Conversation in the Disciplines**
  Alumni Lounge (Nifkin), SUNY ESF campus, 1 Forestry Drive, Syracuse, NY 13210. This conference, led by Dr. Valerie Luzadis (Forest & Natural Resources Management) is part of the State University of New York’s “Conversations in the Disciplines.” "Conversations" funds intercampus conferences which bring together State University faculty and visiting scholars to examine new trends, review promising findings, and better acquaint them with professional developments in their fields and on other campuses.
Monday - Thursday, November 30 – December 3, 2009

- **SPARE Basic Photovoltaic Installer Course**
  9:00 am - 5:00 pm. SUNY SPARE 4-day Photovoltaic Installer Courses are offered by SUNY-ESF in collaboration with SUNY Morrisville and SUNY OCC. Complete this course and also meet a prerequisite for certification through NABCEP (see NABCEP website for details on certification: [http://www.nabcep.org/certification/the-need-for-certification](http://www.nabcep.org/certification/the-need-for-certification)).

  **Sponsor:** SUNY-ESF, SUNY Morrisville and SUNY OCC  
  **Contact:** BrandiLee Schafman, 315-470-4898  
  **Website:** [http://www.esf.edu/outreach/pd/spare/2009/overview.htm](http://www.esf.edu/outreach/pd/spare/2009/overview.htm)

- **Green Buildings and Practices: a three day seminar on LEED AP Core Principles**
  Marshall Hall, Alumni Lounge, SUNY-ESF campus. SUNY-ESF Outreach offers Green Buildings and Practices: a three day seminar on LEED Accredited Professional Core Principles. This seminar content will prepare green building professionals to become Green Associates and/or LEED AP professionals successfully and to apply green building core principles in current projects.

  **Sponsor:** SUNY-ESF  
  **Contact:** Maureen Wakefield, 315-470-6888  
  **Website:** [http://www.esf.edu/greenbuilding/2009/leedap/default.htm](http://www.esf.edu/greenbuilding/2009/leedap/default.htm)

Ongoing through Wednesday, December 2, 2009

Wednesday, December 9, 2009

- **Principles of Engineering (PE-CIV) Review Classes**
  6:00 pm - 8:00 pm. ARCADIS (formerly Blasland, Bouck and Lee (BBL)), 6723 Towpath Road, Syracuse, NY 13214. Let us help you prepare for the Principles of Engineering exam. You can do it - we can help. PE-CIV classes begin on December 9, 2009.

  **Sponsor:** SUNY-ESF  
  **Contact:** Maureen Wakefield, 315-470-6888  

For a complete listing of SUNY-ESF Outreach events, please visit our calendar at [http://www.esf.edu/outreach/calendar.asp](http://www.esf.edu/outreach/calendar.asp)

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