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ESF Outreach

SUNY-ESF Outreach E-news

April 2010 Edition

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

ESF Summer Institute for students, teachers, professionals, and life-long learners

Earn college credit from SUNY-ESF this summer in a concentrated format! Check out our on campus, online, and hybrid classes designed to fit a variety of schedules.

<http://www.esf.edu/outreach/summer/>

- **May 17 – 28**
Not-for-Profits and Climate Change Impact
Dr. Richard Smardon and Professor Dave Eichorn
1 Credit
- **July 12 – August 20**
Climate Change Science and Sustainability
Professor Dave Eichorn
1 credit / ESC 296 / Section 1
- **July 12 – August 20**
Concepts in Watershed Hydrology
Professor Virginia Williams
1 credit / FOR 296 / Section 3
- **July 19-22**
Introduction to Renewable Energy (for high school students)
Dr. Rick Beal
3 credits
- **July 26 – 30**
Introduction to Green Entrepreneurship (for high school students)
Professor Gary Lim
3 credits / FOR 296 / Sections 1 and 2
- **July 26 – 30**
Global Environment and the Evolution of Human Culture

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About Us

SUNY-ESF Outreach offers:

- Professional education conferences and workshops
- Programs for middle and high school students and teachers
- Undergraduate and graduate credit courses for non-degree students

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Dr. Rick Beal

3 credits / EFB 120 / Section 1

- **August 2 – 5**
Advanced Training Workshop in Alternative Energy
Dr. Rick Beal and Dr. Neal Abrams
2 credits / EFB 796 / Section TBD
-

Outreach Event Spotlights

• **Green Building Conference**

A record breaking 278 people attended the Annual Green Building conference hosted by SUNY-ESF and the U.S. Green Building Council New York Upstate Chapter at the Oncenter Complex on March 11-12, 2010.

<http://www.esf.edu/greenbuilding>

When asked what was appreciated most at the conference, one 2010 attendee stated, "Everyone was incredibly generous in sharing their knowledge and experience. Also, the program showed careful thought, covering a range of topics."

• **ESF annual Science Fair hosts over 500 middle school students**

ESF hosted over 500 Syracuse City School District middle school students and over 120 volunteer judges from Syracuse area organizations at the 9th annual Environmental Challenge on Thursday, March 18th. The Challenge is a science fair and career exploration opportunity designed to encourage student research, scientific inquiry, and critical thinking, and attendance was at a record this year. With the encouragement of judges students returned to their classes feeling positive about their projects and science. We hope that this'll translate into a continued interest in STEM subjects in middle school and beyond.

<http://www.esf.edu/outreach/k12/sciencefair/2010/>

• **Central New York Biotechnology Symposium**

Over 180 people attended the second Central New York Biotechnology Symposium 2010: Cultivating Economic Growth held on Monday, March 22, 2010 at Drumlins Country Club in Syracuse, NY. The symposium focused on regional biotechnology start-up companies, how to develop and attract them and provided an ideal opportunity to showcase the CNY Biotechnology Research Center, a SUNY building that is currently under construction in the Kennedy Square section of Syracuse.

<http://www.esf.edu/outreach/pd/2010/biotechnology/>

One attendee stated, "I appreciate that you took the time to present the incredibly diverse commercializeable University technologies that

emanate right in our backyard of Upstate New York, and to connect the audience with the biotechnology applications.”

• **Green Business Showcase and Green Science Fair success**

In its inaugural year the Great Green Ideas Can Change the World: Student Innovation Exposition showcased 19 green and innovative ideas from high school students in central New York. The exposition was part of the Greater Syracuse Chamber of Commerce Business Showcase at the NYS Fair Grounds. Most students spent the day at the Chamber Show speaking with vendors and visitors about their Great Green Idea. The students also were able to visit many of the local companies and businesses who had displays at the Chamber event. This year the Business Showcase included almost 40 local start ups, many of which were in the green and sustainability field. Students were able to talk to professionals in fields of interest to them and gather information about the educational, training and professional needs for employment.

Winner of Audience Choice Award sponsored by the Tech Garden

Great Green Gym, “Help Us Peddle Away global Warming”

Team members: Sanjeev Kumar, Calvin Flood, Jacob O’Connell, Jamci Vale

Juniors from the Institute of Technology Automotive Department,
Syracuse City School District

Teacher advisor: Eric Bramoff and Brian Brown

Winner of Best of Show sponsored by Clean Tech

Methane Campaign

Team Members: Austin Gamache, Cameron McIntyre, Mike Jennings, Aaron Smith, Nathan Bayliss, Chris Myers, April Yanchik, Peter Rivera
Sophomores from the Institute of Technology Automotive Department,
Syracuse City School District

Teacher Advisor: Robert Shepard

Winners of the Peer Reviewed Award sponsored by SUNY-ESF

(It’s a Tie!)

1. **Janiqua Fletcher** - “Wear-N-Go: organic scrubs”

Senior, Auburn High School, also participates in the BOCES New Visions
Medical Careers Program

Teacher Advisor: Kelly Harrington, BOCES New Visions Program

2. **Methane Campaign** (See information above)

The Student Innovation Exposition is part of the SUNY-ESF’s Outreach Offices SAGE Project (Sustainability and Green Entrepreneurship) in partnership with CNY Works, The MDA, The Clean Tech Center, and The Tech Center.

<http://www.esf.edu/outreach/sage/>

• **ESF Science Corps helps Nottingham students in science fair**

Nottingham High School was well represented at the Greater Syracuse Scholastic Science Fair that took place on Sunday, March 28, 2010 at Solvay High School. Nine students in the ESF in the High School Global Environment class taught by Dr. Ibarra, presented posters on their individual research projects. Six students were recognized as follows:

1. Kalonji Cole: High Honors Senior Level Award
 - Chemistry Award
 - U.S. Stockholm Junior Water Prize Regional Award
 - The 2010 Regional Ricoh Sustainable Development Award
 2. Edona Imeri: High Honors Senior Level Award
 - Achievement in Research in Behavioral and Social Sciences
 3. Svenia Mayer: High Honors Senior Level Award
 4. Kathleen Gaffney: SUNY Cortland Science Leadership Scholarship
 5. Latrina Fennel: Achievement in Research in US Public Health Service Award
 6. Rozalyn Johnson: The Yale Science and Engineering Association Award
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SUNY-ESF Outreach Calendar: What's happening April - May

Sunday - Tuesday, April 11 - 13, 2010

• **Northeastern Recreation Research Symposium**

The Northeastern Recreation Research Symposium, held at the beautiful Sagamore Resort, fosters quality information exchange between recreation and travel resource managers and researchers throughout North America. The forum provides opportunities for managers from different agencies, states, and governmental levels to discuss current issues and problems in the field. Students and those interested in continuing education in recreation and travel resource management are welcome.

Location: The Sagamore Resort on Lake George, 110 Sagamore Road, Bolton Landing, NY 12814.

Sponsor: ESF Outreach

Contact: Maureen Wakefield, 315-470-6888

Website: <http://www.esf.edu/nerr/>

Monday - Thursday, May 10 - 13, 2010

• **SPARE Basic Photovoltaic Installer Course**

Instructed by Dr. Gay Canough (Owner, ETM Solar Works), SPARE Basic is a 4-day course covering the basics on how to site, design and install photovoltaic systems. This Basic PV course is a board-recognized training program through NABCEP.

Location: Onondaga Community College, Syracuse, NY

Sponsor: ESF Outreach

Contact: BrandiLee Schafran, 315-470-4898

Website: <http://www.esf.edu/outreach/pd/spare/2009/overview.htm>

**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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