



EARS IGERT newsletter

Volume II, Issue 3
August 2011

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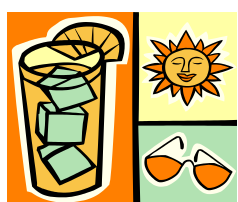
We hope that you are enjoying the Ohio summer and finding ways to stay cool in the heat!

The IGERT program is preparing for its third year and welcomes the new trainees from Kent State and Miami Universities. The KSU trainees participated in a buoy launch in April. All trainees are preparing for a workshop at the Lacawac Field Station in Pennsylvania slated for September 8-11.

We congratulate those from the first cohort who will complete their two-year program in August. They are: KSU trainees David Davis and Sarah Hicks, and Miami trainees: Jeremy Mack, Kevin Rose, and Susanna Scott. We extend our best wishes to them in their future endeavors and wish them every success.



EARS IGERT is funded by NSF

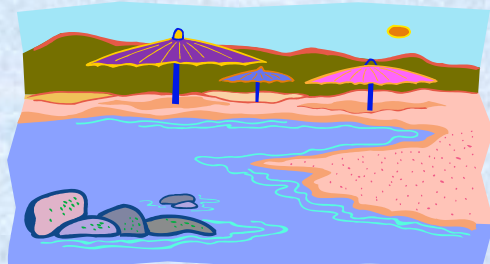


EARS IGERT Newsletter

**Welcome 3rd Cohort
KSU IGERT Trainees**

Randall Breckon
Chemistry
Area of Interest:
Organic Chemistry

Margaret Gaglione
Biology
Area of Interest:
Aquatic Ecology



DeShawn Johnson
Aquatic Ecology
Area of Interest:
**Aquatic
Macroinvertebrate
Ecology**

David Widner
**Environmental
Geography**
Area of Interest:
**Fresh Water
Remediation**

Miami University IGERT Trainees

Welcome 3rd Cohort

Michael Bishop

**Geomicrobiology/
Geochemistry**

**Area of Interest:
Environmental
Remediation**

Jennifer Brentrup

Ecology

**Area of Interest:
Aquatic Ecology/
Limnology**

Nicole Hayes

**Ecology, Evolution and
Environmental Biology**

**Area of Interest:
Aquatic Ecology**



Trainees Participate in Training Course in Sweden

Jennie Brentrup and Michael Bishop (3rd cohort Miami trainees) participated in a Nordic training course from July 25-31 on automated sensors and data analysis in Sweden.

The course included learning about different sensors that can monitor long-term



data in lakes off of buoys and how to analyze the data with different software programs. The trainees believe that the skills learned will be useful in the IGERT program.

Congratulations to Kevin Rose (Miami U - 1st cohort)

Kevin Rose has recently completed the two-year EARS IGERT program and is now employed as a Postdoctoral Fellow at the Smithsonian Environmental Research Center in Edgewater, MD. Kevin obtained the job through a proposal he submitted to the Smithsonian. The proposal was funded, resulting in two years' funding for Kevin. He will be working on developing a model to better understand the source and fate of dissolved organic carbon and dissolved organic nitrogen as it moves from the landscape to the Chesapeake Bay.



IGERT SUMMER AND FALL EVENTS 2011



Dr. Laura Leff in Texas for ESA SEEDS

Dr. Laura Leff, PI for the Kent EARS IGERT, participated in the ESA SEEDS career fair the week of August 8-12 in Austin, TX. KSU and EARS IGERT program were represented at this recruiting event. They sponsored a table and distributed marketing materials to interested prospective students.

The ESA SEEDS program seeks to advance the ecology profession and provide opportunities for under-represented student populations. This career fair provides an opportunity for undergraduate and graduate students to explore educational, career, and leadership opportunities.

The KSU EARS IGERT has partnered with ESA SEEDS for the continued promotion of the program across multiple venues and scientific disciplines.

For more information about ESA SEEDS, contact:

<http://www.esa.org/seeds/opportunities/career.php>.



Lacawac Sanctuary - Sept. 8-11

IGERT trainees from the 2nd and 3rd cohorts KSU and Miami U cohorts are enrolled for the first EARS IGERT



event for 2011-2012, which will be held at the Lacawac Field Station in Pennsylvania. The event will start on the evening of September 8 and end the morning of September 11. Trainees will receive one credit for a ST course in biology for this event. Transportation, lodging, and food will be provided.

In preparation for this event, KSU and Miami U trainees will meet in Kent the evening of Sept. 7 for a casual gathering, then depart from the KSU campus the morning of Sept. 8 for Lacawac. Trainees are reminded that they must travel light and refer to e-mail sent to all attendees for additional details.

Please contact the KSU EARS IGERT office with any questions: mlnagell@kent.edu or 330-672-7828. For information about the sanctuary visit:

<http://www.lacawac.org/>.



BUOY LAUNCH AT SANDY LAKE IN KENT with KSU Trainees APRIL 27, 2011

After several rained out scheduling attempts to launch the Kent buoy, Kent IGERT trainees met at Sandy Lake in Kent. Dr. Darren Bade assisted the students in this buoy launch on April 27. The trainees were eager to participate and learn from this hands-on experience.





Want more information? Contact us at the address , phone number or e-mail below. You can also go to the web page to get contact information for our faculty participants and find links to our participating

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For more information on
Application, Research, and
Sponsorship

[http://
bioweb.biology.kent.edu/
igert/](http://bioweb.biology.kent.edu/igert/)

Upcoming events - 2011

- ~ Final semester for 1st Cohort KSU/Miami trainees - August 13
- ~ Graduate Student Orientation - August 25
- ~ Lacawac Sanctuary field experience in PA - September 8-11
- ~ Workshop - guest speakers from KSU library—September 19
- ~ Dr. Virginia Anderson IGERT program evaluator at KSU - October 20 and 21

IGERT FALL COURSE OFFERINGS AT KSU

KSU trainees are required to register for the following classes for Fall semester (8/29/11—10/19/11)

New trainees (3rd cohort)

24676 BSCI – 50197-007 ST: Intro to Environmental Sensors

Second year trainees (2nd cohort)

30829 BSCI – 50195-013 ST: Technology Transfer for Scientists

We are all inventors, each sailing out on a voyage of discovery, guided each by a private chart, of which there is no duplicate. The world is all gates, all opportunities.
~ Ralph Waldo Emerson

Please feel free to share information about IGERT with your colleagues and friends.

Copies of the newsletter can be downloaded from our web page at <http://bioweb.kent.edu/igert/> .

Ask us about marketing materials, too!

As always, thanks to the members of the **EARS INTERNAL COMMITTEE!** We've got one representative in each of the participating departments in Kent State and Miami.



Miami

Geography, W. Renwick
Geology, H. Dong
Microbiology, R. Morgan-Kiss
Zoology, C. Williamson

Kent

Biology, A. Leff
Chemical Physics, Q. Wei
Chemistry, R. Twieg
Geology, A. Smith
Geography, M. Munro-Stasiuk