October Newsletter

Ecosystem Services supporting Urbanizing Regions

It’s a new school year!

Welcome back to school! I hope it’s going well so far.

This newsletter contains many important announcements and exciting opportunities for IGERT student and faculty. Don’t forget to send your news and opportunities to Melanie Malone for future IGERT newsletters.

The IGERT students have been busy this summer and fall. Please read on about IGERT student activities here and in the IGERT achievement section below.

IGERT Student Ariana Chiapella in Austria where she will be studying with other students at the WasserCluster Lunz field center.

Ariana writes
"I’m at a field center in Austria for the next 10 months for a chapter of my dissertation. I’ll be running experiments to further explore how mercury gets passed up lake food webs to fish. The center is called WasserCluster Lunz, which comprises four freshwater working groups, and I’m working with Dr. Martin Kainz, who leads the LIPTOX group. The center is located on a subalpine lake in the foothills of the Alps. I have received funding to be here from the NSF Upcoming Dates

11/4- First IGERT Student Faculty Meeting

Action Items

CHECK YOUR ACCOUNTS: Please check your accounts to see if you have any late fees and let Kim know. The first round of fees will be applied on 10/6.

Update Award Info: Have you received any outside support, awards, etc? Update that information here

Update your Committee List: As you move through the program, please update your committee list here

Lab / Field Equipment: Be sure to reserve field equipment ASAP! Link here. Also, please email Melanie when reserving equipment so that we know to check in with you and

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GROW program, as well as from IGERT's comparative funds. I am also now a PhD candidate!"

Congrats to Ariana!

Also, our own Zuriel Rasmussen was recently featured in the news for her research in coyotes in Portland. See the link featuring a quote from Zuriel here. http://www.pdxmonthly.com/articles/2016/9/13/urban-coyotes-are-thriving-in-portland

Congrats Zuriel!

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**News & Updates**

**IGERT Research Symposium:** The IGERT student Research Symposium was held on September 20th. There were 24 student presentations on IGERT supported research, and we had several faculty members attend. Kim Heavener was also given an award of appreciation from the IGERT students for all of the support she has provided to students and faculty in the program over the years.

Thanks Kim!

**Desk Space:** LAST CALL! Please take a moment to come in and clean up your spaces (especially overflow of your spaces).

**C4SI4:**

Portland State University hosted the fourth national Conference for Sustainability (IGERTs) (C4SI4) at the end of September, 2016. An accomplished group of doctoral students from IGERT programs at seven universities around the country convened to share research and insights on social and environmental sustainability. As the PSU IGERT program played host to the conference, the conversation focused on the role of ecosystem services in supporting urbanizing areas.

Participants collaborated on five emerging themes within the science and application of ecosystem services: Novel ecosystems and their services; Best management practices of ecosystem services; Ecosystem services as boundary objects for decision making; Community engagement in ecosystem service management; and Outreach, education and communication on ecosystem services. Outlines for three manuscripts were developed in addition to a number of other commentarties and perspectives. Other activities from the conference included two keynote addresses from IGERT alumni featuring academic and nonprofit work in ecosystem services.

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services: two poster sessions; and a panel discussion on post-PhD life from three IGERT alumni.

The conference extended into Portland itself, and included a walking tour of Portland green infrastructure led by PSU IGERT Erin Looper, a boat tour of Willamette Falls led by PSU IGERT Cody Evers, and dining at Portland’s famed Pok Pok. Conference attendees came from the University of California, Riverside; Colorado State University; University of Idaho; University of Massachusetts, Boston; University of Illinois, Urbana Champaign; Portland State University; University of Puerto Rico, and University of Wisconsin, Madison. Erin Upton attended the conference with Cody and Erin L. as well.

**Viking Travel!** Our new electronic travel system is up and running. And like any new system, there are some quirks. The biggest one being the amazing amount of emails the system generates. If you are working with Kim on a new travel authorization or reimbursement, please open all emails from "Viking Travel". Each one contains information and many require action from the traveler. As always, keep in close touch with Kim regarding the steps involved.

**New Email Lists:** Our IGERT listserves have been migrated from Mailman Lists to Google Groups, and the Mailman listserves will be deleted soon.

igertcore@lists.pdx.edu is now: igertcore-group@pdx.edu
igertfaculty@lists.pdx.edu is now: igertfaculty-group@pdx.edu
igertstudents@lists.pdx.edu is now: igertstudents-group@pdx.edu

Cohort specific lists are not being migrated and will be deleted. You can send messages and announcements to the new groups by sending an email to the new address or you can open google groups via apps icon in the top right hand corner of your pdx.edu email and post a message to the group that way.

**Update Award Info:** Please update any info regarding outside support, awards, etc. here.

**Publishing Fees:** If students have any publication related fees, please let Kim know. There may be funds to cover these costs.

**NSF Acknowledgements:** Any paper and/or presentation IGERT Fellows complete must explicitly acknowledge the support received from the National Science Foundation.
the title page, and should read: This material is based upon work supported by National Science Foundation IGERT Grant #0966376: “Sustaining Ecosystem Services to Support Rapidly Urbanizing Areas. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the authors and do not necessarily reflect the views of the National Science Foundation.” If you are creating a poster and/or a power point presentation, please contact the IGERT Program Administrator for the PSU and NSF logos.

Need Help? Planning to Hire a Student Worker?: Did you know you can use your research funds to hire a student worker? And at a recent event, the ISS/MCB first floor pollinator, questions came up as to how many opportunities for engagement exist. If you have opportunities (for example: hiring a student worker to do transcription work, data entry or field work) please let Kim know. Likewise, if you are seeking a student volunteer to help with your IGERT research, please let Kim know. There are many networking channels through ISS that she can help facilitate.

ISS Shared Space Protocols This is a friendly reminder to be a good officemate in ISS! Most importantly, wash your dishes! Also, be conservative with printing! Please review the attached memo for other guidelines.

Comp Study Funds Don’t forget that IGERT has comparative study funds available for both domestic and international projects. If you are not sure if your project fits under a "comparative" umbrella, or if you simply have an upcoming expense that doesn’t seem to fit in other boxes, contact Kim to inquire about whether comp funds or other sources could cover it.

IGERT Publication List Publications are pouring in! Check out our latest list of IGERT publications here.

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Erin Upton and some of the C4SI4 students on the boat tour led by Cody Evers.

IGERT Achievements


Erin Goodling led the writing of the Portland Harbor Community Coalition (PHCC) official comment letter to the EPA this past summer. This letter has been sent to the EPA with the intention of getting community and activist groups' concerns about a variety of environmental justice causes addressed.

Paul Manson recently presented a paper to the annual meeting of the Society for the Social Studies of Science (4S). The paper was, “Mapping Publics: The Production of Public Interest Spatial Knowledge.” This was an invited paper to a track on the science and technology study of politics.

Congratulations, Amy, Erin, and Paul!

Research and Travels

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This past September, **Mary Ann Rozance** traveled to Miami and the San Francisco Bay Area to discuss different planning efforts related to sea level rise adaptation. These trips were funded with IGERT comparative funds and are helping Mary Ann conduct her dissertation work.

**Melanie Malone** spent the summer conducting field research in Wasco County, Oregon. Melanie collected soil and water samples over the course of several months for herbicide. She also flew a special agricultural drone to detect herbicide spray in riparian areas and across large farm fields. The drone and herbicide collection were made possible by IGERT research funds.

**Samantha Hamlin, Melanie Malone, and Marissa Matsler** will be participating in a panel on Critical Physical Geography and presenting their work at the Association of Pacific Coast Geographers (APCG) Conference October 5th-8th, 2016 at Portland State University. IGERT faculty **Heejun Chang** will also be presenting his work on urban flood risk management at the conference.

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**Resources**

Link to ESUR-IGERT [Student Handbook and Resources](#), including lab supply checkout list, newsletter archives, student/faculty meeting notes, committee progress report spreadsheet, research funding balances, funding opportunities, and student awards/achievements list. You must be signed in with your .pdx email account to access.

ESUR-IGERT Email Lists

- igertcore-group@pdx.edu = IGERT Core Faculty (+Kim)
- igertfaculty-group@pdx.edu = All IGERT Faculty (+Kim)
- igertstudents-group@pdx.edu = All IGERT Students (+Kim and Darrell)

Link to [ESUR-IGERT website](#). Check out faculty bios, student bios, recent publications, community partners, and more.