

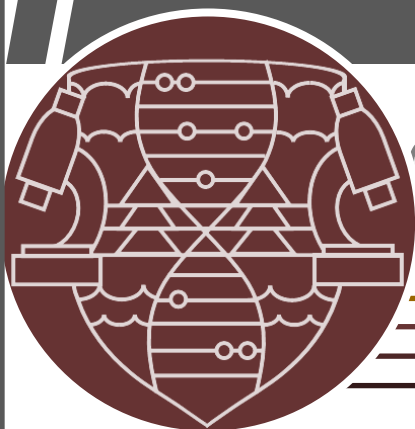


ESGP NEWS

A monthly Newsletter produced by and for the Environmental Science Graduate Program

September News

- *ESGP Guest Speakers:*
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Co-Sponsored by The Institute for Japanese Studies
- Darryl Hood 9 - 13 - 19
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Dr. Darren Drewry



Institute for Japanese Studies Lecture Series

My Hiroshima Legacy: A Story of My Mother and Aunt

50
1969–2019
EAST ASIAN
STUDIES
CENTER

Friday, Sept. 6 2:00-4:00 pm
Campbell Hall 100
1787 Neil Ave



Michiko Yamaoka

Kataribe/A-bomb Legacy Survivor
Hiroshima Peace Memorial Museum

"Why do you go to the hospital so often?" I asked this question to my mother when I was in 6th grade. "Because I am an atomic bomb survivor and a victim of radiation sickness caused by the bomb." She frequently said "thousands died in my sight and Hiroshima looked like hell. It is difficult to describe what it was like. Only atomic bomb survivors who saw everything can understand how the bomb destroyed the city and claimed many lives."

Michiko Yamaoka uses narrative storytelling to show the harsh reality of what happened in Hiroshima in the events and aftermath of the atomic bomb. Through sharing the memories and experiences of the survivors, she hopes to prevent this kind of suffering from happening in the future. Ms. Yamaoka is an A-bomb legacy successor who works closely with the Hiroshima Peace Memorial Museum. She participated in a meeting for the Treaty on the Non-Proliferation of Nuclear Weapons in 2015. She travels around Japan, and has also given talks in cities such as New York and Toronto where she has reached over 10,000 people since 2015.



Free and open to the public
easc.osu.edu/events/ijs/m-yamaoka

This event is co-sponsored by the OSU Environmental Science Graduate Program (ESGP) and the Japan America Society of Central Ohio (JASCO). The IJS Lecture Series is supported by a U.S. Department of Education title VI grant to The Ohio State University East Asian Studies Center.

ESGP Seminar Series

Darryl Hood

Associate Professor

College of Public Health, Environmental Health Sciences

College of Medicine, Department of Neuroscience

September 13, 2019 | 2:00 pm - 3:00 pm 330 | 3150 Smith

408 Cunz Hall 1841 Neil Avenue Columbus, OH 43210

614-247-4941

hood.188@osu.edu



Darryl B. Hood, Ph.D. is an Associate Professor and environmental neuroscientist in the Division of Environmental Health Sciences in the College of Public Health at The Ohio State University. Dr. Hood received a BS degree in Biology and Chemistry from Johnson C. Smith University in Charlotte, NC. and a Ph.D. in Biochemistry from the Quillen-Dishner College of Medicine at East Tennessee State University. After completing a nearly 4-year postdoctoral fellowship at the Center in Molecular Toxicology at Vanderbilt University School of Medicine in 1993, Dr. Hood accepted a position at Meharry Medical College and served meritoriously until 2013 on the faculty of both Meharry Medical College and Vanderbilt University School of Medicine in the Department of Pharmacology and Neuroscience.

At the Ohio State University, Dr. Hood has continued his innovation in discovery as the co-architect of the novel Public Health Exposome framework. This paradigm altering framework interrogates hypotheses focused on determining if there are associations between the built, natural and social environment and disparate health outcomes observed in vulnerable populations. Recently, he was elected President of Toxicologists of African Origin, a Society of Toxicology special interest group which he covets as a very special honor. He also currently serves as the ESGP Graduate Studies Committee chair.

ESGP Seminar Series

Mary Gardiner

Associate Professor

CFAES, Department of Entomology

September 27, 2019 | 2:00 pm - 3:00 pm | 3150 Smith

251 Kottman Hall 2021 Coffey Road, Columbus, OH 43210

gardiner.29@osu.edu



Dr. Gardiner's research interest include ecology and conservation value of vacant land in cities, Identifying contributors to native lady beetle decline, Enhancing biological control in urban agroecosystems.

The Gardiner Lab studies the ecology of urban greenspaces. Much of our work focuses on the ecological and conservation value of vacant land. This work takes place in Cleveland, Ohio – a city managing more than 27,000 vacant lots created as a result of protracted economic decline, home foreclosure, and population loss. Researchers in the lab examine how the landscape composition and legacy as well as local plant community and management of vacant lots influences their conservation value for arthropods, studies focused from the tree canopy to soil communities.



September						
S	M	T	W	T	F	S
						OSU vs Cincinnati 
1	2	3	4	5	6	7
						OSU @ Indiana 
8	9	10	11	12	13	14
			Team Science		Student Seminar Jeremy Block & Emily Walker	OSU vs Miami University 
15	16	17	18	19	20	21
		Flu Vaccine Clinic				OSU @ Nebraska 
22	23	24	25	26	27	28
29	30					

September Gallery Hop

Saturday, September 7th , 2018 | 4:00 PM – 10:00 PM

<https://shortnorth.org/events/september-2019-gallery-hop/>

The first Saturday of each month, the Short North booms with live music, street performers, and free entrance to the numerous art galleries along high street. Short North restaurants and vendors join the party with free samples or exhibitions of their own.

OUAB Grad/Prof Professional Development: Team Science

Wednesday, September 18, 2019 8:30 AM - 4:00 PM Location: 115 Biomedical Research Tower

As research becomes more interdisciplinary, it is crucial that researchers are able to work effectively with investigators, colleagues, and others. “Team Science” is the study and application of principles and strategies to develop, lead, and manage groups of people as part of a research project/team. Skills in the workshop are broadly applicable across disciplines. We recommend this workshop to grad/prof students not only in the STEM fields, but also for those outside of STEM who are interested in collaborating or working with researchers in STEM.

<http://www.teamscience.net>

Columbus Caribbean Festival

Friday and Saturday , September 13th & 14th , 2019 | 11:00 AM – 11:00 PM

<http://www.columbuscaribbeanfestival.com/>

Celebrate the heritage and culture of the Caribbean Islands with the Columbus Caribbean Festival. Enjoy live music, dancers, food and fun for the entire family.

Admission is Free!

Columbus Oktoberfest

Friday September 6th—Sunday, September 8th

Ohio Expo Center & State Fair

717 E. 17th Ave, Columbus, OH 43211

FREE Admission!

<https://www.columbusoktoberfest.com/>

Held on the grounds of the Ohio Expo Center, the 53rd Annual Columbus Oktoberfest features 100,000 square feet of covered open-air pavilions perfect for two stages, dance floors, and beer hall-style dining! Bring the kids to the Kinderrplatz and enjoy a few biers with the adults while you soak in the German music, dancing, snacks and shops! PROST!

Student Health Services Flu Vaccine Clinic

Tuesday, September 24, 2019 | 2:00 PM - 4:00 PM

Wilce Student Health Center, 1st floor

Schedule an appointment:

Online via My BuckMD (Select Vaccine Clinic - Flu for the appointment reason)

By Phone with Advice/Appointments (614) 292-4321

In Person with Advice/Appointments

Bring both your BuckID and insurance information on the day of your appointment.

Important Deadlines

Graduation Calendar

<i>Application to Graduate due</i>	<i>September 6, 2019</i>
<i>Examinations and Reports completed by</i>	<i>November 22, 2019</i>
<i>Approved Thesis & Dissertation submitted/accepted by</i>	<i>November 27, 2019</i>
<i>Commencement</i>	<i>December 15, 2019</i>
<i>End of Semester Deadline</i>	<i>January 3, 2019</i>

For more information [Click here](#)

ESGP-SA Activities

*Join the Environmental
Graduate Science Program
Student Association for happy
hour this Friday at
Ethyl & Tank
after ESGP seminar (~3:30 PM)*

Follow the ESGP Student Association on Instagram!



*For all the latest new on upcoming ESGP-SA events,
updates on past activities, and information on how
to get involved!*

*'Follow the Environmental Science Graduate
Program Student Association for food, fun, and
friendship'*

[Link to ESGP-SA Instagram](#)

Dr. Darren Drewry



What are your research interests and expertise?

My research seeks to understand how vegetation functions, and what the consequences of climate change will be for terrestrial ecosystems in the coming decades. As our understanding of environmental systems deepen, we are better equipped to develop monitoring and prediction tools to address the range of challenges confronting our natural and managed ecosystems. Research projects in my group can take many forms, including work that is centered on detailed modeling and simulation activities to understand ecosystem responses to climate variability, or observational studies that integrate remote sensing and field-based sampling to advance the application of sensors for ecosystem monitoring and prediction.

What was your educational/professional background before you came to OSU?

My academic background includes an undergraduate degree in physics from Virginia Tech, and graduate degrees in computer science from the University of Virginia and civil and environmental engineering from Duke University. After getting my Ph.D. I did a postdoc in the Hydrosystems Laboratory in the Department of Civil and Environmental Engineering at the University of Illinois, and had an NSF International Research Fellowship that allowed me to study at one of the Max Planck Institutes in Germany for a short time. Prior to coming to OSU I was a research scientist at the Jet Propulsion Laboratory, a NASA lab in Pasadena, California. At JPL I worked on a variety of different remote sensing applications for natural and managed ecosystems, using remote sensing data that spanned the visible through longwave infrared portions of the electromagnetic spectrum.

What drew you to become affiliated with ESGP?

Prior to joining the faculty at OSU I visited Columbus and gave an ESGP seminar. I was very impressed by the diversity of students and faculty, and the community that had formed at OSU around a shared interest in solving important environmental problems.

What is a fun fact that you would like to share?

For two years as a Peace Corps volunteer I lived in a mud house in a Pulaar village in Mauritania, West Africa. There was no running water (I would walk a good fraction of a kilometer to get a bucket of potable water), and my bathroom was essentially a hole in the ground. It was a wonderful experience, one I am very grateful for, and one that I am happy to share with interested students. Among many things, this experience left me with some great (I think) “worst things you have ever eaten” stories...

Do you have a brief piece of advice for graduate students?

As a graduate student a faculty member in my department once asked me if my research topic passed the “Jay Leno test” (the Jay Leno Show was a late-night tv show on during my graduate student days). He was asking me if I found my research area so interesting that I would rather be working on it than most other ways to kill time. Find something you really enjoy studying, and that you feel is important. It won’t seem like work.

Dr. Darren Drewry

drewry.19@osu.edu 614-688-1557

232A Agricultural Engineering

590 Woody Hayes Drive , Columbus, OH 43210

Jane Karetny



Describe your research/thesis project

The food system is emerging as a nexus for practitioners and advocates from agriculture, health, economic development, environmental, and planning fields. These stakeholders represent the various sectors which are implicated by food and are consequently interested in working collaboratively to improve economic, community and environmental health outcomes related to the food system. The Food System Plan is one form of prominent policy document that emerges as a roadmap for community (city, county, regional) food system development for NGO's, the private and public sector. My research is concerned with how these Food System Plans understand and plan for sustainability in the United States. I ask "What are the framings of problems, solutions and motivations for food system transformation in food system plans? Do these framings reflect a holistic understanding of food system sustainability?" By first identifying points of integration or incongruity, and then drawing out implication and opportunities, I hope to build a body of work which seeks to reconnect normative and empirical controversies within the food conversation to enable reflexive, inclusive discourse that can create spaces for transformative action.

You are currently following the Agroecosystems sciences specializations. Why did you decided on this specialization and how has it added to your experience in ESGP?

My educational background is rooted in environmental studies. The ecological framework through which agroecosystem science is founded on- being the interconnectedness of human management of agricultural and environmental systems is an extremely useful framework for addressing modern (human!) ecological and agricultural challenges. My advisor's rootedness in agroecosystem work provides invaluable guidance in developing my research approach.



What is your favorite place to visit/activity to do in Columbus?

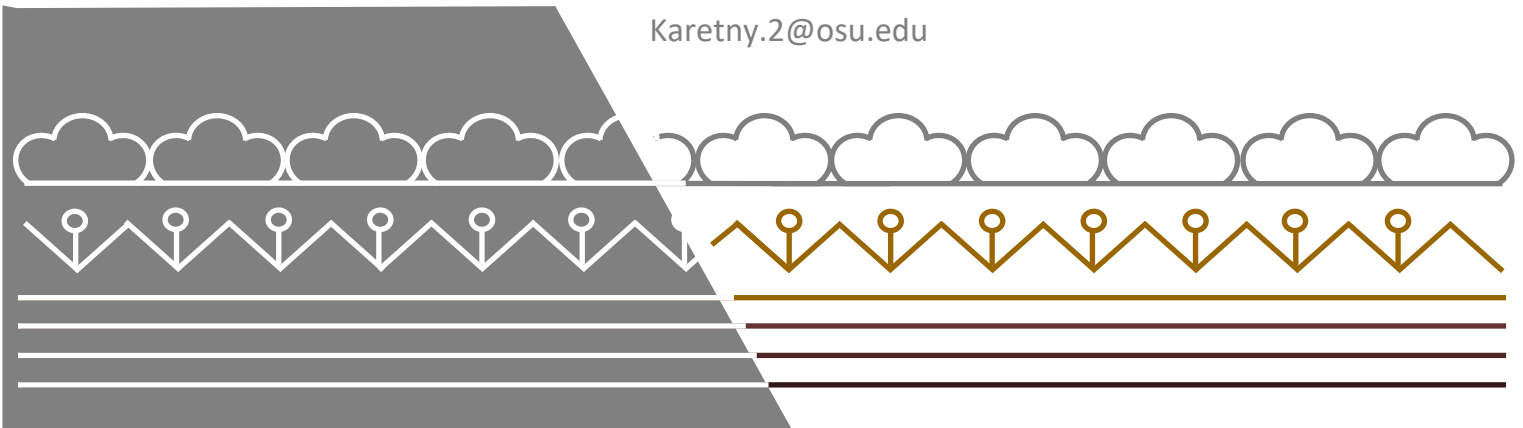
My favorite activity to do in Columbus is bike along the Olentangy River, hands down! I do this ride at least 2-3 times a week. The sounds by the wetland at sunset are unbelievable.

What is your favorite aspect of ESGP? / What made you want to join the program?

I joined the Environmental Science Graduate Program because I wanted to engage with professors, professional and students across the sciences. The ESGP program as well as the Environmental Professional Network and additional opportunities for cross sectoral collaboration across Ohio State University has provided just this.

Jane Karetny

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Request for Updates

Please send and recent publications, awards and honors, or other news items to Ashleigh Bope (bope.19@osu.edu) so they can be highlighted in the newsletter or on the ESGP website!

[The Environmental Science Graduate Program](#)

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