ESPP Weekly News Roundup

September 23, 2022

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- Team Science Skills Workshop | 09-26-22 | 2-4 PM
- WOCI Writing Retreat Applications Now Open | Register by 09-28-22 @ 7:00 PM
- Culturally Responsive Mentoring Workshop | 09-30-22 | 12:30-2:00 PM
- All About Negotiating: A Recession-Proof Guide | 09-30-22 | 4:30-5:30 PM
- Virtual Dissertation Support Group | Register by 09-30-22
- Infrastructural Absence: Political Ecology and the Ghosts of Development in Cape Town with Dr. Angela Storey | 10-03-22 | 3:40-5:00 PM
- Building Your Research Impact Identity and Vision | 10-04-22 | 10-11:30 AM
- Community-Engaged Scholarship Write-Ins | 10-7, 11-4, and 12-2 | 9 AM-12 PM
- Building Your Broader Impacts Plan | 10-20-22 | 10 AM-12 PM
- MSU Center for PFAS Research | Inaugural Symposium | 10-25-22

Job Opportunities

• GIS Research Assistant in the MSU Water Research Institute

- <u>Tenure-track Assistant Professor position in Landscape Evolution and Land Use/Cover Change | University of Dayton</u>
- Postdoc position: machine learning, remote sensing, and forest expansion
- USGS Vacancy Announcement

ESPP News & Announcements

Building Trust Among Communities and Agencies

Practitioners from multiple Universities including ESPP Graduate Program Director Dr. Joe Hamm and core ESPP faculty member Adam Zwickle are partnering with the Michigan Department of Health and Human Services to address the social and environmental impacts of contaminants. Read more at https://cj.msu.edu/news/2022-superfund-project.html.

Peilei Fan Authors Book Shedding New Light on Asian Urbanization

ESPP is pleased to announce the publication of "The Great Urban Transition," a new book by affiliated faculty member Dr. Peilei Fan examining the modern urbanization process in Southeast, East, and North Asia. Read more at http://globalchange.msu.edu/news/2022-09-20-fan-sena-urbanization-book.html.

ESPP Accepting Abstract Proposals for Fall Student Research Symposium | Due 09-23-22

The Environmental Science and Policy Program is currently accepting abstract submissions from undergraduate students, graduate students, and post-doctoral scholars from MSU for the annual ESPP Fall Student Research Symposium. The symposium will be held on October 17, 2022, at the Kellogg Hotel and Conference Center. Work at any stage in its development may be presented through oral or poster presentations. All presentations will be evaluated by faculty judges, and awards will be given to the first and second place in oral presentations and top poster presentation. See the attached or visit https://espp.msu.edu/news/2022-08-31.html for more details.

Save the Date: ESPP Fall Student Research Symposium | 10-17-22

Mark your calendars for October 17, 2022, for our Fall Student Research Symposium at the Kellogg Center.

ESPP Invites Applications for Spring 2023 | Deadline 10-15-22

ESPP is now accepting applications for the Spring Semester. If you know someone you feel would be interested, please share the attached flyer with them or direct them to https://espp.msu.edu/news/2022-09-21.html. The deadline is 10-15-22.

Graduate School Announcements

Scholarships, Awards, & Fellowships

Institute for Citizens & Scholars Fellowship Opportunities

The Institute for Citizens & Scholars has opened its 2023 competition for several fellowships that support either dissertation completion or junior faculty progress toward tenure. <u>Learn more here</u>.

Call for Applications: Hiram E. Fitzgerald Engaged Scholar Fellowship | Due 10-23-22

MSU graduate students in any field of study who are engaged in practice and/or research that has to do with adverse childhood experiences, whether or not their work is focused on children, may apply. The funding amount is \$1,000. <u>Learn more here</u>.

IBEEM Call for Postdoctoral Fellow Applicants | Due 10-31-22 @ 5:00 PM

MSU's Institute for Biodiversity, Ecology, Evolution, and Macrosystems (IBEEM) is accepting applications for IBEEM Postdoctoral Fellows. Funding is available for partial support for teams of 2 or more MSU postdocs to conduct research aligning with IBEEM's open questions. To facilitate postdoc collaboration and networking across IBEEM and beyond, we will host two events in early October. For more information about how to apply or to attend the collaboration and networking sessions, please see the attached or visit https://ibeem.weebly.com/news.html.

2023 Corey, Thompson, and CSS Research Scholars Graduate Student Research Competitions - Call for Proposals | Due Friday November 4, 2022

The College of Social Science invites applications for competitive awards under the Charles P. and Linda A. Thompson Endowment, the Kenneth E. and Marie J. Corey Research Enrichment Fund, and the CSS Research Scholars Award.

The Call for Proposals is attached including the link for submissions. Files should be labeled with student name, program/unit, and which award. Here is an example to follow: Spartan, Green - ANP - Corey Award. If a student is applying for both Corey and Thompson, there should be two files uploaded, one for Corey and one for Thompson. All dossiers need to be submitted by 11:59p.m. on Friday, November 4, 2022.

Workshops, Events, & Other Opportunities

MSU GIS Teams Group

Just in case you might be interested, there is a new mailing list, and a Microsoft Teams site that aims to connect GIS users across departments and allow us to share information, questions/answers and GIS related events. Here is the link to sign up: https://msugisug-msugis.hub.arcgis.com/

MSU Joins the Association for Women in Science

The Association for Women in Science (AWIS) announced a new partnership with Michigan State University. MSU students, staff and faculty may join AWIS now free under the MSU institutional agreement. AWIS offers webinars, career resources and more. Learn more here.

Cultural Competency for Personal, Organizational, and Community Change Workshop Series | Fall 2022

Several in-person and virtual options are available for this workshop series open to all MSU employees and graduate students. Through self-reflection and group activities, participants in this workshop series will explore issues of power, oppression, and privilege. Participants will raise their self-awareness about social identifies, identify systems of inequity and oppression, and learn a framework for cultural competency development. These concepts will be applied toward personal and organizational change, with a focus on work within the College of Natural Science. Open to All employees and graduate students who have NOT already attended this workshop as a 4-week series or full-day workshop. Participants are expected to attend all four sessions, which require active engagement in small and large group activities, as well as short homework reflections. Please do not sign up if you have work or other commitments that conflict with any of the sessions in the series. If the series is full, you will be able to join a waiting list. See the attached for more details or register at https://msu.co1.qualtrics.com/jfe/form/SV dg2ZzByA6H46gle.

MSU Professional Development: Teaching and Diversity Statements | 9-26 and 10-17

This professional development series is geared towards post-masters graduate students at MSU considering academic careers. There are two sessions on how to think about and prepare your application materials. The first session covers Teaching Statements, and the second session covers Diversity Statements. The series is also open to faculty interested in helping their students prepare for the job market. "Developing your Teaching Statement" will be 09-26-22 from 2-3 PM and "Developing your Diversity Statement" will be 10-17-22 from 1-2 PM. See the attached for more details.

BEST is BACK: Breakfast for BESTies to Talk about BEST | 09-26-22 | 8:30-10:00 AM

Audience: Faculty & PhD students in bioscience and engineering fields

MSU BEST is Back! Funded by NIH for its first 6 years, MSU BEST is being sustained by MSU as a professional development program designed specifically graduate students in bioscience and engineering disciplines who want to learn more about the landscape of career paths open to them. Come learn more about how BEST is being re-launched this year, how you or your students can engage with BEST, or just grab some breakfast and talk about career options with staff from the Office of Graduate Career Development at the MSU Graduate School. Learn more and register here.

Team Science Skills Workshop | 09-26-22 | 2-4 PM

This in-person, two-hour workshop will introduce graduate students and post-doctoral scholars to 5 core competencies for research team success. Through a mini-lecture and interactive exercises, we will learn from the emerging literature on research teams and from each other. Learn more and register here.

WOCI Writing Retreat Applications Now Open | Register by 09-28-22 @ 7:00 PM

The Womxn of Color Initiatives (WOCI) at Michigan State University is pleased to announce a 3-day, 2-night writing retreat intended to advance dissertation writing amongst womxn of color graduate students and early career faculty whose scholarship aligns with the overall mission and purpose of WOCI. The retreat will be held on November 11 through November 13, 2022 at Pretty Lake Camp in Mattawan, Michigan. Learn more and register here.

Culturally Responsive Mentoring Workshop | 09-30-22 | 12:30-2:00 PM

The MSU AGEP Program will be hosting a virtual presentation entitled "Enhancing Cultural Awareness through Mentoring" on Friday September 30, 2022 at 12:30 pm with Etta Ward (IUPUI Assistant Vice Chancellor for Research Development) and Randall Roper (Associate Professor of Biology and Director of the IUPUI Graduate Mentoring Center at Indiana University-Purdue University Indianapolis). This event will be valuable for any graduate student, post-doc, faculty member or community leader interested in developing their skills in cultural sensitivity as well as the creation of inclusive environments and work teams. To sign up, click here: https://bit.ly/3tTkgYK

All About Negotiating: A Recession-Proof Guide | 09-30-22 | 4:30-5:30 PM

Dr. Christina Alicia Campbell is a MSU AGEP alum and she is currently a tenured Associate Professor in the School of Criminal Justice at the University of Cincinnati. Dr. Campbell earned a B.A. from San Diego State University in 2006, and a Masters and Ph.D. in Psychology from Michigan State University in 2012. After over 10 years of service, Dr. Campbell started Academe180, a professional development group designed to provide support for academics transitioning into the workplace. She is also an author and illustrator of a children's book for adults titled "The ABC's of Negotiating". This virtual presentation will be useful for graduate students and post-docs who are thinking about the job market. To sign up, click here: https://bit.ly/3Diit5a

Virtual Dissertation Support Group | Register by 09-30-22

This 6-week group provides doctoral students with a supportive, structured environment that helps mitigate the sense of isolation and frustration that often accompany the dissertation process. This group is open only to PhD students who are actively working on their dissertation. <u>Learn more and register here</u>.

Infrastructural Absence: Political Ecology and the Ghosts of Development in Cape Town with Dr. Angela Storey | 10-03-22 | 3:40-5:00 PM

Join MSU Anthropology as they welcome Dr. Angela Storey, an associate professor from the University of Louisville for "Infrastructural Absence: Political Ecology and the Ghosts of Development in Cape Town." See the attached for more details.

Building Your Research Impact Identity and Vision | 10-04-22 | 10-11:30 AM

"Impact Identity" is a concept that integrates one's identity as a researcher with societal needs, personal preferences and skills, and institutional context. Come to this hands-on workshop to develop your impact identity and vision for achieving desired societal impacts throughout your career. <u>Learn more and register here</u>.

Community-Engaged Scholarship Write-Ins | 10-7, 11-4, and 12-2 | 9 AM-12 PM

Join University Outreach & Engagement on the first Friday of each month (October 7, November 4, December 2) for 3 hours of dedicated time and space for writing about your community engagement work. We offer in-person (at Brody Cafeteria) and virtual options, for free. Register here.

Building Your Broader Impacts Plan | 10-20-22 | 10 AM-12 PM

In addition to its intellectual merits, each proposal submitted to the National Science Foundation (NSF) is reviewed according to the merits of its BI plan, or the benefits of the proposed research to society. Come to this hands-on workshop to learn more about NSF's BI criterion and major BI goals, the six essential elements of a BI plan, and key resources to help you develop a winning proposal. Participants will leave the workshop with a draft BI plan. Learn more and register here.

MSU Center for PFAS Research | Inaugural Symposium | 10-25-22

The Center for PFAS Research is hosting the Inaugural Annual Symposium: Emerging Technologies in PFAS Remediation and Toxicity on Tuesday, October 25, 2022. This full-day symposium will be held at the East Lansing Hannah Community Center in East Lansing Michigan. The featured speakers include Dr. Marc Mills (US EPA), Dr. Suzanne Witt (Enspired Solutions), Dr. Hui Li (MSU), Dr. Moiz Mumtaz (ATSDR/CDC), Dr. Barbara Wetmore (US EPA), and Dr. Brad Upham (MSU). For information and to register, visit https://www.canr.msu.edu/pfas-research/annual-symposium

Job Opportunities

GIS Research Assistant in the MSU Water Research Institute

The Institute of Water Research at MSU is seeking a full-time programmer and (Geographic Information System) GIS Research Assistant that can assist with front-end development (java script development, HTML, CSS, and Python) scripting. The candidate will provide project-specific support via GIS analysis, web development, processing GIS data (e.g., downloading and processing SSURGO, DEMs), and digitizing. SQL database programming and VB.net programming is preferred but not required. This position is end-dated one year from the date of hire with the option to extend based on funding availability. For details, see https://careers.msu.edu/en-us/job/512364/gis-research-assistant-research-assistant-ii.

Tenure-track Assistant Professor position in Landscape Evolution and Land Use/Cover Change | University of Dayton

Our diverse and collegial department, located at the southern edge of Dayton, Ohio, USA, with a metropolitan area population of approximately one million, is advertising a tenure track Assistant Professor position in Landscape Evolution and Land Use/Cover Change. Please take a look at the <u>full</u> ad and apply directly through this link before December 1. You can also check the advertised position on <u>AGU</u> and GSA websites. Reference letters are not required until the next stage.

Postdoc position: machine learning, remote sensing, and forest expansion

Interested in machine learning, remote sensing, and forests? Want to monitor international tree planting efforts? Apply for a postdoctoral fellowship at UMBC, working with Matthew Fagan and the World Resources Institute. Based in the Baltimore/DC region.. For full details, see below and apply here: https://facultyjobs.umbc.edu/cwfac/en-us/job/493887/geography-environmental-systemspostdoctoral-fellowship

USGS Vacancy Announcement

USGS' National Geospatial Technical Operations Center has an upcoming vacancy announcement for a few vacancies in the Office of Innovations. These positions will be located in either Rolla, MO or Lakewood, CO, with opportunity for remote work for these positions at this time. This announcement is open September 23rd, 2022 through October 5th, 2022. The link to the announcement is located here: https://www.usajobs.gov/job/677722500.



ESPP FALL STUDENT RESEARCH SYMPOSIUM CALL FOR ABSTRACTS

The Environmental Science and Policy Program is currently accepting abstract submissions from undergraduate students, graduate students, and post-doctoral scholars from MSU for the annual **Environmental Science and Policy Program's Fall Student Research Symposium**. The symposium will be held on **October 17**, **2022**, at the Kellogg Hotel and Conference Center on the campus of Michigan State University in East Lansing, MI.

This symposium aims to connect ideas and researchers from multiple disciplines to identify and solve challenges at the interface of environmental science and policy. This year's symposium will explore research performed across a variety of disciplines to provide holistic solutions to real-world problems and showcase avenues for integrating science and policy-making.

Work at any stage in its development may be presented through oral or poster presentations. All presentations will be evaluated by faculty judges, and awards will be given to the first and second place in oral presentations and top poster presentation.

Submissions should consist of the project title, author(s), and a 200-word abstract addressing the rationale, approach, findings, and contribution to environmental science and policy. Please also indicate whether you would like to be considered for a standard academic (12 minutes with PPT) and/or poster presentation.

Proposals should be submitted at https://forms.gle/HnfrAiNAkEJuz5nq6

Abstracts are due Friday, September 23, 2022.

Notifications of accepted abstracts will be made by October 3, 2022. Please direct any questions to: espp@msu.edu





ENVIRONMENTAL SCIENCE & POLICY PROGRAM

The Environmental Science & Policy Program (ESPP) is an umbrella for environmental research and graduate education at MSU, working together with colleges and departments in a collaborative manner to solve environmental problems.



NOW ACCEPTING APPLICATIONS:

- > Dual Major Doctoral Program In Environmental Science And Policy
- > Graduate Specialization In Environmental Policy
- Graduate Certificate In Environmental And Social Systems Modeling

Apply by October 15 for Spring Semester or February 1 for Fall Semester



Learn more at: <u>espp.msu.edu</u>

Questions? Contact us at espp@msu.edu



ibeem.weebly.com

IBEEM Call for Postdoctoral Fellow Applicants

MSU's Institute for Biodiversity, Ecology, Evolution, and Macrosystems (IBEEM) is accepting applications for IBEEM Postdoctoral Fellows. Funding is available for partial support for teams of 2 or more MSU postdocs to conduct research aligning with IBEEM's open questions.

IBEEM's mission is to conduct transformative research that integrates ecology and evolution across scales and that advances understanding and prediction of how biodiversity and ecosystem functions and services respond to global changes. IBEEM's overarching question is: What makes the biodiversity of a species, population, community, or ecosystem resilient to global changes? One of IBEEM's goals is to produce several high-profile, synergistic papers focused on the following **open questions**: 1) How do genetic diversity, local adaptation, and biotic interactions mediate the response of biodiversity and ecosystem function to global change? 2) How do different dimensions of biodiversity (genetic, taxonomic, functional, phylogenetic) respond to global change across spatial and temporal scales, latitude, and climate gradients? 3) What makes a species, population, community, or ecosystem resilient to global change?

IBEEM includes expertise in Ecology, Evolution, and Behavior; Geography & Earth Science; Computer Sciences, Math, Statistics, and Engineering; and Big Data & Data Analytics. It also includes leaders of world-class research centers, programs, & networks. IBEEM aims to link independent projects and investigators at MSU, capitalizing on synergies and interdisciplinary expertise to conduct transformational science. To that end, IBEEM is announcing a call for the second cohort of fellows: current MSU postdocs who are interested in expanding their research program and work on additional, integrative projects.

IBEEM fellows will work together in teams to synergize across their research areas and to produce at least one collaborative paper per team addressing one or more of the open questions above. We expect to support 3-4 IBEEM postdoctoral fellows for approximately ¼ - ½ time for 6 months during the 2022-2023 academic year. In addition, IBEEM Fellows will be expected to attend and contribute to the IBEEM All-Hands meetings during the year of their support. Given IBEEM's focus on collaborative and interdisciplinary research, applications are requested from new or established **research teams of postdocs** consisting of 2-4 postdocs, plus their advisors. Advisors of postdocs are expected to approve of the proposals. Teams should submit a 2 page document explaining how their research and expertise

could contribute to a synthesis paper related to one or more of IBEEM's open questions, a <1 page outline of a potential paper topic, and the postdocs' CVs by 5pm on October 31st. Attach all materials as a single PDF to an email addressed to: ibeem@msu.edu. Successful teams will be selected by mid November 2022.

To facilitate postdoc collaboration and networking across IBEEM and beyond, we will host two events in early October. On October 7 at 11a.m. US Eastern we will hold a virtual networking and information meeting for all MSU postdocs in the areas of Biodiversity, Ecology, Evolution, and Macrosystems (whether interested in being an IBEEM fellow or not). Ahead of the event, each attending postdoc will submit a single slide with basic information about their research interests. The meeting will include a brief introduction to IBEEM, a short presentation from the current IBEEM Postdoctoral Fellows, 1-minute presentations by each attending postdoc using their single slide, and Q&A about the IBEEM Fellowship application. To sign up to participate, please use the following link and sign up by noon on Monday, October 3rd: https://forms.gle/cMmW6QJC1j7m512r7

A second informal in-person networking meeting will be held on October 14, from 1-3pm in BPS 1425. This meeting is for local postdocs and faculty to meet and discuss projects with refreshments. To attend this meeting please RSVP through the same link by noon on Oct 10 (https://forms.gle/cMmW6QJC1j7m512r7).

Meeting attendance is NOT required to submit a proposal to be an IBEEM Postdoctoral Fellow.

IBEEM is funded by a Strategic Partnership Grant from the Michigan State University Foundation; the College of Natural Science's Department of Integrative Biology; the College of Agriculture and Natural Resources' AgBioResearch and Department of Fisheries and Wildlife; Lyman Briggs College; and the College of Social Science's Department of Geography, Environment, and Spatial Sciences.

MSU Psychology Professional Development Teaching and Diversity Statements

Organized by Drs. Jonathan Weaver (Assistant Professor) and Ann Marie Ryan (Professor)

This professional development series is geared towards post-masters graduate students at MSU considering academic careers. There are two sessions on how to think about and prepare your application materials. The first session covers Teaching Statements, and the second session covers Diversity Statements. The series is also open to faculty interested in helping their students prepare for the job market.

Developing your Teaching Statement

September 26th (Monday) at 2pm – 3pm in Psychology 230

Crafting the perfect teaching statement / philosophy and how to demonstrate teaching competency in application materials. Teaching statements / philosophies are important for all higher-education jobs. Even research-focused jobs are looking for applicants with strong teaching backgrounds – because of the competitive market and focus on increasing undergraduate graduation rates. Writing about the kind of teacher you want to be, or why you want to teach in a particular way, is acceptable. However, hiring committees look for implemented changes within the classroom and the outcomes for those changes. So... what if you have never taught your own course, or lab section, before? Well, there are other ways to present and show off your teaching skills! This session will offer tips for how to do that, and more.

Developing your Diversity Statement

October 17th (Monday) at 1pm – 2pm in Psychology 230

What is a diversity statement? What goes into a diversity statement? Most institutions now require you to submit this kind of document. You may get specific instructions for things to be included, while others will give no direction at all. So, really, what should you put in there? Should these be tailored to every application you submit? Or, how do you write a diversity statement if you are not working with diverse populations? Should you include your story of overcoming obstacles to get to where you currently are in your career? Or, should you acknowledge your privilege? This series will offer practical advice for creating a statement that not only demonstrates your willingness to enhance the institution's diversity and equity efforts, but also how to convey that commitment to the hiring committee.





Fall 2022 4-week Workshop Series Options:

Mondays (virtual):
1:30-4pm starting Sept. 26th
Tuesdays (in-person): 9:3012pm starting Sept. 20
Fridays (virtual):
9-11:30am starting Sept 30

In the workshop, we will:

- Explore issues of power, oppression, and privilege
- Expand our selfawareness
- Examine our social identities
- Learn about the 4 levels of oppression and change
- Explore a framework for cultural competency development

Open to NatSci faculty, staff, specialists, postdocs, graduate students, and administrators

Register

tinyurl.com/NatSci-DEI-F22

The College of Natural Science is committed to providing equal opportunity for participation in all programs, services, and activities. Accommodations for persons with disabilities may be requested by contacting NatSci.DEI@msu.edu.



INFRASTRUCTURAL ABSENCE: POLITICAL ECOLOGY AND THE GHOSTS OF DEVELOPMENT IN CAPE TOWN

ANGELA STOREY

How do we study what is not there? Based upon a decade of ethnographic fieldwork in Cape Town, South Africa, in this talk I explore how residents of one informal settlement articulate and frame their exclusion from infrastructural development through the evocation of informality as a place trapped by time and defined by absence. Through discussions of the spectrality of developmental plans that have not come to fruition and the emptiness of postapartheid promises, I explore absence as a potent political register in which community activism and material praxis converge.



Monday

OCTOBER 3, 2022

3:40-5:00PM

C204 Snyder Hall

Angela Storey is an Associate Professor in the Department of Anthropology at the University of Louisville. Her research explores the politics of the built and natural environment of cities, with long-term ethnographic work in Cape Town, South Africa about the intersections of activism, infrastructure, and informality, and in Louisville, KY, with projects about energy insecurity, participatory governance, and community engagement.

Organized by the Department of Anthropology Co-sponsored by the Global Urban Studies Program





The MSU Center for PFAS Research Presents



Featured Speakers



Marc Mills US EPA



Suzanne Witt Enspired Solutions



Hui Li Michigan State Univ.



Moiz Mumtaz ATSDR/CDC



Barbara Wetmore US EPA



Brad Upham Michigan State Univ.