ESPP Weekly News Roundup

May 6, 2022

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- Cyberseminar Series - Hydrologic Science and Indigenous Voices | May-June 2022
- Anti-Racist Teaching Workshop | 05-23-22 | 2:30-5:00 PM
- Race, Place & Climate Action | 25th Annual Wege Speaker Series | Dr. Beverly Wright | 05-26-22 | 4 PM
- Frontiers in Hydrology Conference | 06/19- 6/24/22

- Registration for the 2022-23 Graduate Teaching Assistant Orientation and Preparation Program is open starting NOW!
- Certification in College Teaching Institute 2022
- Climate Intersections Conference | Duluth, MN | 07/12-14/22
- ASABE Global Conference - the Sustainable Energy for a Sustainable Future | Costa Rica | 10/24-26/22
- RSAI Call for submissions: 2022 RSAI Best Dissertation in Regional Science | Due 07-31-22

Job Opportunities

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- DoS: Enabling Forest Investment Development Facility-ForInvest (Office of Acquisitions Management)
- DoS: Indigenous People's Finance Access Facility (IPFAF), Bureau of Oceans - Int. Environmental - Scientific
- DoS: Countering Wildlife Trafficking in Central Africa (Bureau of International Narcotics-Law Enforcement)

ESPP News & Announcements

Nominations needed for ESPP Faculty Advisory Council

ESPP is looking for several new members on the Faculty Advisory Council (FAC). The ESPP FAC plays an important role in shaping the program and promoting interdisciplinary research and capacity building. The FAC's role is even more important as it will work with the Director to develop the strategic plan for ESPP in the coming year. Each year, about half of the FAC members will rotate off. The following colleagues will complete their terms on the ESPP FAC this summer: Doug Bessett, Emily Huff, Stephen Gasteyer, Dawn Dechand. Please allow me to take this opportunity to thank them for their service and their continued commitment to ESPP! According to our bylaws, three of the vacant seats may be filled by election while the rest can be appointed by the Director to ensure the balance across disciplines, ranks, and genders. We are seeking nominations for the three seats, and self-nomination is

strongly encouraged. Nomination should be sent to espp@msu.edu or by replying to this email by Sunday, May 8, 2022. An online election may be held afterwards if we receive more than three nominations. Do you want to be a part of ESPP and help to shape the future of ESPP? If so, please consider serving on the ESPP FAC! You can also check out section 5.1 of ESPP bylaws about FAC's duties and responsibilities (https://espp.msu.edu/engagement/bylaws.html). If you have any questions, please feel free to contact Lifeng (lluo@MSU.EDU).

ESPP Fall Courses

Register for Fall courses is now open. Available ESPP courses are ESP 801, ESP 803, and ESP 804. See the attached flyers for more details.

Graduate School Announcements

Master's Career Outcome Data Program

Last year, the Graduate Career Development office (in partnership with the Career Services Network) undertook an experimental pilot program to capture career outcomes for Spring and Summer 2021 master's degree graduates. That data can be reviewed here: https://careernetwork.msu.edu/graduates-outcomes/. This process is being repeated and we are encouraging graduating master's students to complete the following survey: https://msu.12twenty.com. The link takes you to a portal where you can answer a series of short questions about your career plans (see attached for specific survey items). We appreciate your support.

National Graduate Student Crisis Line is Open to Support Students

For some students, the path to completing a graduate degree can sometimes be more difficult than expected and the pressure of personal and academic responsibilities too much to handle. Help is available. The National Graduate Student Crisis Line (**877-GRAD-HLP**) is staffed by trained counselors who understand the pressures. Don't wait until a crisis arrives to call the National Grad Crisis Line. They are available 24/7 to listen, connect and assist you today! The National Graduate Student Crisis Line is part of Grad Resources, a faith-based organization affiliated with the Christian Grads Fellowship.

Course Announcements

PhD Job Market Course | CAS 892 | Summer 2022

CAS 892 - Section 304 focusing on preparing for the job market. Last summer was the first time this class was offered, and per students' feedback, it was extremely helpful in preparing students for the job market. This course is geared toward mid- to late-career doctoral students. In other words, students who are ready to embark on their job market journey and those who are a few years away from that. It is open to everyone, yet, from student feedback, it was exceedingly helpful for students who have spent a few years in the program and are now thinking about the job market. See the attached for more details.

PPL 808: Policy Development and Administration

(Fall 2022, Thursdays, 3-6pm) explores the nature of bureaucracy and public institutions to understand context, power, authority, and humanity in public policy development and administration. Course goals include: Describe & analyze institutions and incentives in the context of policymaking; Map the internal and external power dynamics of organizations; Understand how individuals — those charged with implementing and those affected — experience public policy; Design politically feasible, accessible, and administrable public policy that balances interests and has mechanisms in place to identify and address harms. The class is adaptable to students in a variety of departments and disciplines, and the final project allows students to explore the goals above in the context of an organization/policy area of their own interest. Contact Erika Rosebrook (rosebroo@msu.edu) with questions.

Trust and Governance Course | CJ 809 | Fall 2022

Joe Hamm will be teaching CJ 809 this fall. CJ 809: Issues in Criminal Justice (Trust and Governance)

- Lecture (3.00 units) Open | Section 001 | Class Nbr 33443 | Regular Academic Session
- Tue : 12:40 PM-3:30 PM

The course is housed in CJ simply because that is my primary appointment but it will cover trust in a variety of governance structures with the goal of helping students develop a cross-boundary understanding of what trust is and how best to measure, protect, and build it. We will do weeks specifically devoted to governance generally, the federal government, legal agencies, state authorities, and environmental regulators but there is a lot of flexibility to cover other contexts as students are interested. The final paper is a grant proposal applying trust to the governance context the student cares most about. All questions welcomed! jhamm@MSU.EDU

Summer Science Communication Course | JRN 892

The School of Journalism is again offering an online summer three-credit graduate science communication class. It is run as an asynchronous special topics class, JRN 892 Sec 730-Online section. Topic: Science Communication. This class teaches students to explain science and research to public audiences. Students learn to find the story in their work and to write succinctly, engagingly and with focus. It even teaches you to turn an academic study into a TikTok. Some basic video storytelling skills are covered. This class is taught by David Poulson, the senior associate director of MSUs Knight Center for Environmental Journalism and a former environmental and science journalist. He has taught researchers in the U.S., Africa and South America to better explain their work. See attached for more details.

Course Announcement for Fall (Microbial Risk Modeling and Analysis)

From Dr. Mitchell: I am excited to offer BE 849 Microbial Risk Modeling and Analysis again in the Fall. The pandemic has highlighted the need and role of quantitative analysis and engineering for understanding pathogen risks, environmental controls and evaluating interventions mechanistically. It has also highlighted the importance of understanding the process of connecting science with the evaluation of risk management strategies and policy decisions to mitigate risks. This course is open to all graduate students with the required pre-requisites and an interest in integrating biology and engineering for understanding environmental exposures and health risks within the risk assessment

framework. See the attached flyer for more information. Please feel free to contact me if you have any questions. See attached for details.

Scholarships, Awards, & Fellowships

Announcing the Asian Studies AY 2022-23 Foreign Language and Area Studies Fellowships (FLAS) | Due 06-12-22

Subject to funding, the Asian Studies Center at Michigan State University will annually award multiple undergraduate and graduate fellowships under the Foreign Language and Area Studies (FLAS) Fellowship program funded by the U.S. Department of Education for students pursuing the study of Asian languages and Asia area studies at MSU. Asian Studies FLAS Fellowships are awarded to students enrolled in programs combining the study of a modern Asian language with advanced training, area studies courses and/or research in an academic or professional area with an Asia focus. *Note: The 2022-23 AY FLAS fellowships are contingent on receipt of grant funding by the MSU Asian Studies Center from the U.S. Department of Education. For more information, please see the e-flyer attached or visit the Asian Study Center's FLAS website. Please direct your questions to Dr. Isabella Tirtowalujo (tirtowal@msu.edu). See the attached for more details.

Center for Teaching & Learning Innovation Fellowship Call | Due 05-31-22

The Graduate School and the Center for Teaching & Learning Innovation (Center for TLI) at Michigan State University welcome you to learn with us, influence the future of higher education, and further develop as leaders and public scholars by becoming a Graduate School/MSU Center for TLI Fellow. Each fellow will develop skills that support educator professional development, such as program design, project management, systems-level collaboration, facilitation and more. The first part of the fellowship will be focused on learning about the work of the Center for TLI, meeting our team members in various roles, and joining an existing Center for TLI effort for the remainder of the fellowship year. Learn more and apply here.

Army Research Laboratory Distinguished Postdoctoral Fellowship | Due 06-15-22

The Army Research Laboratory invites exceptional young researchers to apply for an ARL Distinguished Postdoctoral Fellowship. This fellowship provides recipients the opportunity to pursue independent research while working alongside some of the nation's best scientists and engineers. Applicants must display extraordinary ability in scientific research and show clear promise of becoming outstanding leaders. Successful candidates will have already tackled a major scientific or engineering problem or will have provided a new approach or insight, evidenced by a recognized impact in their field. Learn more and apply.

Interdisciplinary Inquiry & Teaching Fellowship Program 2022-2023 – Call for Applications | 05-20-22

The Interdisciplinary Inquiry and Teaching Fellowship Program (IIT) is a partnership between the Michigan State University Graduate School and James Madison Residential College of Public Affairs at Michigan State University. This program is for doctoral students with an interest in interdisciplinary inquiry and undergraduate teaching. The primary goal of the IIT Fellowship Program is to broaden and

enrich the professional development experience of a diverse group of graduate students by placing them within an environment, James Madison College, with an established tradition in excellence in undergraduate teaching. Learn more and apply here.

Office of Graduate Career Development Masters-Level Graduate Assistantship 22-23 | 05-15-22

The Office of Graduate Career Development is hiring a masters-level GA for the 2022-23 academic year to support career development of graduate and professional students (this role will serve primarily masters students, though will also support some other graduate degree seekers as well) through offering one-on-one advising appointments, leading workshops, curating online resources, helping with evaluation and needs assessments, and other duties as assigned. Learn more and apply here.

Office of Graduate Career Development Doctoral Graduate Assistantship 22-23 | 05-15-22

The Office of Graduate Career Development is hiring a doctoral-level GA for the 2022-23 academic year to support career development of graduate and professional students (this role will serve primarily doctoral students, though will also support some other graduate degree seekers as well) through offering one-on-one advising appointments, leading workshops, curating online resources, helping with evaluation and needs assessments, and other duties as assigned. Learn more and apply here.

UCAR NEXT GENERATION FELLOWSHIPS – 2022 | Due 05-16-22

The Next Generation Fellowships offer graduate students the opportunity to learn alongside leaders in their fields. Each two-year fellowship provides financial support for graduate school and two summer visits. The program offers three distinctive fellowship tracks: Earth System Science, Diversity, Equity & Inclusion and Public Policy. For more information, visit https://www.ucar.edu/opportunities/fellowships/ucar-next-generation-fellowships.

Call for 2022-2023 Cultural Heritage Informatics Graduate Fellows | Due 05-09-22

Applications for the 2022-2023 Cultural Heritage Informatics Grad Fellowship program are now open. The program is open to any MSU grad students (MA or PhD) interested in the application of digital methods and computational approaches to cultural heritage materials, collections, data, questions, and challenges. For information on the Cultural Heritage Informatics Grad Fellowship program, please review attached call for applicants or visit http://chi.anthropology.msu.edu/fellowships. For further information, please contact Ethan Watrall (watrall@msu.edu)

Internship and Fellowship Opportunities at Oak Ridge Institute for Science and Education (ORISE)

The Oak Ridge Institute for Science and Education (ORISE) is accepting applications for internship and fellowship opportunities at U.S. Department of Defense research facilities nationwide. These are mostly postdoctoral, but there are opportunities for holders of Bachelors, Masters, and Doctoral degrees. Learn more here.

New EPA Research Opportunities

The Oak Ridge Institute for Science and Education (ORISE) Internship/Research Participation Programs at the U.S. Environmental Protection Agency (EPA) are educational and training programs designed to provide college students, recent graduates, and university faculty opportunities to participate in project-

specific EPA research, current environmental research, and developmental activities. Visit https://orise.orau.gov/epa/current-research-opportunities.html.

Workshops, Events, & Other Opportunities

Creating a Professional Digital Presence Webinar | 05-13-22 | 5:15-6:15 PM | Register by 5/7

Increasingly, society is operating in a digital environment, while at the same time the physical environment is increasing changing. In this new creator and knowledge economy, the ability to share a geographical perspective with the public is important. This workshop will serve as an introduction to developing a digital presence as a student and as a professional. MSU Geography Alumna Lisa-Marie Pierre has spent over a decade in indie publishing. This experience has served as a catalyst for career opportunity, skill development, and professional growth. Please register (use MSU email) before Saturday, May 7th! https://forms.gle/r2R7TAU3TyvfJg1k8. This event is sponsored by the Department of Geography, Environment and Spatial Science, and the Council of Graduate Students.

Cyberseminar Series - Hydrologic Science and Indigenous Voices | May-June 2022

Indigenous leaders in water and hydrologic science explore how hydrological sciences are defined and who is included in that definition. It explores how native american people relate to water, what water issues they think are important, how we can increase inclusivity in the hydrologic sciences community and what challenges and opportunities they face with building resilience to climate change with regards to water. For session information and schedule, visit https://www.cuahsi.org/cyberseminars/series/hydrologic-science-and-indigenous-voices.

Anti-Racist Teaching Workshop | 05-23-22 | 2:30-5:00 PM

Lead by Felicia Rose Chavez, author of *The Anti-Racist Writing Workshop: Decolonizing the Creative Classroom.* Part 1 will focus on Adapting Our Teaching Habits. Part 2 will focus on Critique Across Disciplines. To register and get more information, visit https://docs.google.com/document/d/1CXV3KHy5OixSg2oiI3xAvT2nq5M73mAkSUMsbdrtZiM/edit?usp=sharing.

Race, Place & Climate Action | 25th Annual Wege Speaker Series | Dr. Beverly Wright | 05-26-22 | 4 PM

The Wege Foundation presents its 25th Annual Speaker on May 26, 2022. This year's lecturer will be Dr. Beverly Wright, award-winning environmental justice scholar, advocate, author, civic leader and professor. She is the founder and executive director of the Deep South Center for Environmental Justice in New Orleans. Learn more and register at https://www.eventbrite.com/e/wege-speaker-series-2022-featuring-dr-beverly-wright-tickets-325871930717**.**

Frontiers in Hydrology Conference | 06/19- 6/24/22

Take part in the inaugural, community-driven Frontiers in Hydrology Meeting, 19-24 June 2022 in San Juan, Puerto Rico, and online everywhere. This year we will convene around the theme: The Future of Water. Registration is now open. Take advantage of early bird rates by registering now. Early bird rates

and guaranteed housing expire on 17 May. In addition to the excellent scientific program, FIHM22 will also host several field trips that explore Puerto Rico's diverse ecological areas and city life, from kayaking on one of the world's only bioluminescent bays, to a guided tour of historic Old San Juan. There will also be a service activity with ENLACE, an organization devoted to restoring the Martín Peña watershed and empowering the local community. Financial assistance is available for student and early career attendees.

Registration for the 2022-23 Graduate Teaching Assistant Orientation and Preparation Program is open starting NOW!

Attention Graduate Teaching Assistants! Registration for the GTA Fall Orientation and Preparation Program is open! Whether you are a new, international, or a returning Graduate Teaching Assistant, the Graduate Teaching Assistant Program (GTAP) offers sessions that provide policy training required of everyone and sessions to make you more effective in your teaching, including resources and professional development opportunities. The program will be delivered virtually with both synchronous and asynchronous components. All GTAs are strongly encouraged to attend and need to register before August 3, 2022 to receive all materials and to be able to access all relevant modules on the Learning Management System D2L. This link will give everyone a brief introduction to the GTA Program and to the individual components as described below: https://grad.msu.edu/gtap. You can also directly access the registration form here: https://grad.msu.edu/tapreg

Certification in College Teaching Institute 2022

The Certification of College Teaching Institute is being held in May. We will have a Zoom Information Session on May 9 from 5 to 6:30 p.m. and in-person workshops on May 12 and 13 in the STEM Teaching Facility. This workshop series will help doctoral students, MMs, MFAs, and postdocs to fulfill workshop requirements towards the Certification of College Teaching program. Those interested in attending can learn more and register here. Please note, there is a $20 registration fee that will help offset some of the costs for materials and lunch. For any questions or concerns, please don't hesitate to reach out to me at stbaier@msu.edu. See attached for more details.

Climate Intersections Conference | Duluth, MN | 07/12-14/22

This conference has a theme of adapting local communities to extreme weather and creating resilient agricultural systems in a changing climate. The conference covers topics that provide solutions that combat inequity caused by climate change and ensure the well-being of people. In addition, this conference provides an opportunity to connect with water professionals in the area of water, climate, and natural resources within the North Central Region. Climate Intersections Conference - North Central Region Water Network (northcentralwater.org)

ASABE Global Conference - the Sustainable Energy for a Sustainable Future | Costa Rica | 10/24-26/22

A fast-growing world population, estimated to reach 9.1 billion in 2050, coupled with megatrends such as rapid urbanization and diet transformation will require nearly doubling of food production worldwide. While increasing food production is critical, issues such as water and energy security are equally important to ensure sustainability of the global food system while addressing climate change. The goal of the conference is to bring together agricultural and biological engineers and peers from academia, government, and industry including growers/farmers from across the world with local

stakeholders to enable interdisciplinary dialogs among international scientists, business owners, and government agents to explore renewable energy technologies and innovations. It is expected that partnerships will be developed among individuals and organizations to address issues and barriers that are most relevant to local/regional energy security. The conference scope includes innovative renewable energy production technologies; agriculture and circular bioeconomy for sustainable energy production; distributed renewable energy systems and global climate change; food-energy-water nexus; social, environmental and economic perspectives of energy security. Please visit the conference website at: www.energy.asabe.org to submit your abstracts. The deadline for abstract submission is April 15, 2022. Conference is being co-chaired by Dr. Ajit Srivastava and Wei Liao from MSU.

RSAI Call for submissions: 2022 RSAI Best Dissertation in Regional Science | Due 07-31-22

The Regional Science Association International (RSAI) invites submissions for the annual competition for the Best Doctoral Dissertation in Regional Science. Regional science is an interdisciplinary field concerned with theory, method, and application of regional, urban and rural, geographic and spatial investigations and analyses. The winner will be decided by the Selection Committee and will receive a cash award of 750 Euros (~$850). Award announcements will be made at the North American Meetings of the RSAI, where participants in the competition are strongly encouraged to be present. The Selection Committee reserves the right to not make an award. Decisions made by the Selection Committee are final. http://www.regionalscience.org/index.php/awards/rsai-dissertation-award.html

Job Opportunities

Postdoctoral Position Examining Forest Change and Species Composition at Oregon State University

The Forest Biometrics and Measurements Lab at Oregon State University seeks a highly motivated and talented research Postdoctoral fellow in forest biometrics, remote sensing, or geospatial analysis. The incumbent will examine the efficiency and suitability of selected methods to estimate change and species composition from satellite and airborne remotely sensed spectral, airborne photogrammetric, environmental, and ground data. The position provides a competitive 12-month stipend and health insurance for two years (subject to performance), starting May 17, 2022 (extended deadline). The project is a collaborative study with Drs. Jacob Strunk (jacob.strunk@usda.gov) and David Bell (david.bell@usda.gov) at the USFS Pacific Northwest research station. The development of spatially explicit information describing species composition and estimating forest change over a region is critical for various applications, including policy development, forest fuels mitigation, and inventory. See the attached for more details.

Faculty Funding Opportunities

USDA: Caribbean Partners for Conservation CPC FY 2022 for Program Funding Caribbean Area (Natural Resources Conservation Service)

USAID: Just and Secure Energy Transition (J-SET)

DoS: Inclusive Action for Climate Change

SMTP: Global Fisheries Technology Initiative

DoS: Clean Technology and Trade Partnership Initiative's Accelerating Clean Energy Transitions Technology Needs Assessment (Office of Acquisitions Management)

The Bureau of Oceans and International Environmental and Scientific Affairs (OES) at the Department of State announces a Notice of Funding Opportunity (NOFO) for an award entitled, "Accelerating Clean Energy Transitions Technology Needs Assessment (Assessment)" under the Clean Technology and Trade Partnership Initiative. The purpose of this project is to accelerate affordable clean energy transitions in select developing and emerging countries in support of national decarbonization needs in these critical markets.

This comprehensive market and needs assessment will identify key areas of alignment between emerging economy needs and U.S. clean technologies to support implementation plans in these countries. The Assessment will help the U.S. government, American clean technology industries, and developing countries better understand the barriers and opportunities that exist for the accelerated deployment of promising clean technologies and inform near-term actions to unlock decarbonization and socioeconomic benefits.

For the purposes of this project, clean technologies ("clean tech") should be considered as any technologies that directly reduce or eliminate greenhouse gas emissions compared to existing carbon- and energy-intensive processes, as well as technologies and services that support climate adaptation and resilience.

The Assessment should deliver the following results:

- Conduct analyses of at least four key technologies' decarbonization potential on a five-, ten-, and fifteen-year time horizon.
- Modeling results for future needs and the potential impacts of accelerated clean technology deployment linked to identified opportunities in at least ten developing countries on a five-, ten-, and fifteen-year time horizon.
- Completion of a synthesis report that aggregates the findings of the individual country assessments to identify overarching trends and opportunities for U.S. commercial and technical support.
- Assessment and classification of priority technology clusters by country and across countries to determine alignment with current and future U.S. technology capabilities, along with an assessment of measures that the United States can take to accelerate decarbonization through additional commercial and technical support.

Award Size: $684,000
Deadline: May 20, 2022

DoS: Cooperation on Peaceful Uses of Nuclear Energy

The Department of State's Bureau of International Security and Nonproliferation, Office of Multilateral

Nuclear and Security Affairs (ISN/MNSA) seeks proposals to advance U.S. foreign policy and national security priorities by identifying and supporting initiatives for sustained international engagement to promote enhanced and more efficient cooperation and assistance in the application of peaceful uses of nuclear energy, science, and technology ("peaceful uses") and to drive new resources to projects and activities in developing countries of greatest need.

The program aims to continue a robust international dialogue on the peaceful uses of nuclear energy, science and technology focused on advancing international awareness of the important contribution of peaceful uses, promoting greater acceptance of peaceful uses benefits, and identifying new opportunities for cooperation, especially if they are not well-suited for finding existing channels for assistance.

U.S. international security will be strengthened by:

1. demonstrating the peaceful uses benefits of the NPT through expanded access by developing countries to assistance in the application of nuclear energy for peaceful purposes;
2. integrating the views of technical experts and practitioners, including the research, development, and regulatory communities of practice (with a focus on including representatives from developing countries) in the exchange of information on peaceful uses during meetings of the NPT States Parties; and
3. broadening acceptance of peaceful uses as a solution to development challenges and needs coupled with growing understanding of the ties between peaceful uses and other international commitments in nuclear nonproliferation, safety and security.

Award Size: $3,989,369
Deadline: May 30, 2022

DoS: Enabling Forest Investment Development Facility-ForInvest (Office of Acquisitions Management)

The ForInvest project will work in developing countries in the three key geographies identified in the Plan to Conserve Global Forests: Critical Carbon Sinks: the Amazon basin, Congo basin, and South East Asia. The project will support the Plan's objective by facilitating and enabling investment, particularly from private sector financial institutions, in natural climate solutions and other land use activities that increase carbon storage or prevent greenhouse gas (GHG) emissions from landscapes.

Specifically, the project will unlock investments by developing natural climate solutions-focused investment pipelines, and linking investors to those pipelines.

The goal of the ForInvest is to facilitate investment in natural climate solutions in developing countries, especially in high-deforestation areas, by developing investment pipelines and connecting those opportunities with potential investors. These investments should promote natural climate solutions and other land use activities that increase carbon storage or prevent greenhouse gas (GHG) emissions from landscapes.

The Project's objectives include:

- Develop investment pipelines in developing countries consistent with countries' Nationally Determined Contributions and climate and development objectives.
- Connect the pipeline of investable projects to investors via coordination and engagement with initiatives like the Forest Investor Club, Innovative Finance for the Amazon, Cerrado and Chaco (IFACC), and Mobilizing Finance for Forests.
- Collaborate with institutions including development banks, government ministries, financial institutions, and other initiatives to identify investment partners and relevant resources (I.e., technical assistance, catalytic capital, etc.).
- Enhance the capacity of actors at all stages of project development and investment, including project developers, asset owners, investors, and other institutions, to engage in private investment for natural climate solutions.
- Exploring de-risking mechanisms and innovative financial mechanisms to unlock investment in collaboration with other public and private institutions.

Award Size: $5,135,000
Deadline: May 30, 2022

DoS: Indigenous People's Finance Access Facility (IPFAF), Bureau of Oceans - Int. Environmental - Scientific

The goal of Indigenous People's Finance Access Facility (IPFAF) is to improve Indigenous People's access to finance for forest restoration, conservation, and stewardship by addressing the existing barriers to Indigenous Peoples groups' engagement in global, regional, and national-level initiatives to finance combatting deforestation and promoting natural climate solutions. The project will support IPs in the key geographies identified in the *Plan to Conserve Global Forests: Critical Carbon Sinks:* the Amazon basin, Congo basin, and South East Asia.

The objectives of IPFAF are to:

- Provide targeted technical support, policy guidance, and legal services to enable access to specific finance opportunities;
- Advance capacity building activities to improve Indigenous People groups' long-term ability to access international grants, results-based finance opportunities, as well as other finance modalities for forest conservation, restoration, and improved management activities;
- Equip Indigenous People groups with resources and information to raise awareness of and take steps to address common legal and policy barriers for IP groups' access to international finance for forest conservation and restoration efforts; and
- Facilitate IP groups' access to specific finance opportunities for forest restoration, conservation, and stewardship.

Award Size: $1,956,000
Deadline: May 30, 2022

DoS: Countering Wildlife Trafficking in Central Africa (Bureau of International Narcotics-Law Enforcement)

The Bureau of International Narcotics and Law Enforcement Affairs of the U.S. Department of State announces an open competition for organizations to submit applications to carry out a project to counter wildlife trafficking in Central Africa.

Central Africa is a hot spot for poaching and trafficking of illegal wildlife and products such as ivory and pangolin scales. In order to help dismantle the criminal organizations trafficking in these illegal products and reduce wildlife trafficking in the region, INL seeks to support counter-wildlife trafficking projects in Central Africa including Cameroon, Central African Republic, Congo (Brazzaville), Congo (Kinshasa), and Gabon.

Project Goal:

Strengthen criminal justice institutions in Central Africa to undertake successful enforcement, investigative, and prosecutorial functions for wildlife crimes, as well as credible measures that prevent wildlife crime.

Project Objectives:

1. Increase the capacity of law enforcement to detect, interdict, seize, and transfer to investigatory agencies, illegal wildlife products, through raising awareness, training, and equipment.
2. Improve national and regional wildlife law enforcement capacity to prevent, detect, and investigate wildlife crime through specialized training and equipment.
3. Improve national and regional capabilities to prosecute and adjudicate cases against wildlife crimes and related offenses to result in appropriate sentencing outcomes.
4. Strengthen anti-corruption efforts within relevant agencies to enhance government response, improve government accountability, and strengthen transparency as it relates to wildlife crime.

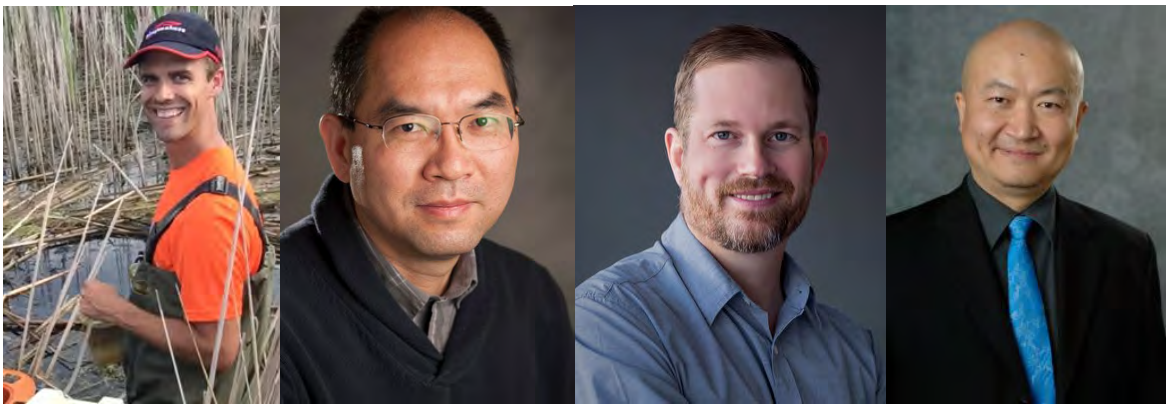
Award Size: $1.25M up to $1.5M
Deadline: June 1, 2022

ESP 801: PHYSICAL, CHEMICAL, AND BIOLOGICAL PROCESSES OF THE ENVIRONMENT

"Physical, Chemical, and Biological Processes of the Environment" has been redesigned to provide students who have disciplinary training in social sciences with a broad overview of environmental science from the perspective of natural sciences and engineering. ESP 801 includes four modules: Environmental Geosciences, Biology/Ecology, Environmental Chemistry, and Environmental Engineering that are taught by four MSU instructors. An environmental case study, a research proposal or a similar interdisciplinary project serve as a crosscutting theme for the course and a common point of reference for learning in ESP 801 and ESP 802. As a counterpart course to ESP 801, ESP 802 is also structured in a modular fashion but focuses on social aspects of environmental problems. ESP 801 and ESP 802 build a foundation for an integrative experience in the capstone ESP 804 course where students, having taken ESP 801 or ESP 802 or both of these classes, work on team-based projects that span the social/natural science spectrum. The new curriculum design reflects ESPP's objective of providing an interdisciplinary preparation to a cohort of students from diverse backgrounds pursuing an interest in environmental science and policy.

FALL 2022
Anthony Kendall
Daniel Kramer
Hui Li
Wei Liao

MON,WED
12: 40-2:00 PM



ESP 803: HUMAN AND ECOLOGICAL HEALTH ASSESSMENT AND MANAGEMENT

This course provides concepts and techniques used to evaluate human and ecological health impacts from anthropogenic activities as well as a focus on policy formulation and management strategies to mitigate health effects. This course is designed for students with a familiarity with the basic concepts of physics, chemistry and biology of environmental processes, and the relationships between human systems and the environment.

FALL 2022
Karen Chou

MONDAYS
1:50-4:40 PM

ESP 804: Environmental Applications and Analysis Lecture

This course provides the opportunity to apply knowledge learned in previous ESP courses. Global, regional and local environmental issues will be presented and explored. Class projects will be identified from these issues. Students will be assigned projects and will use a systems approach to identify and solve environmental problems associated with the assigned issues. This course is designed for graduate students with ecology, biology, physical, or social science backgrounds seeking an interdisciplinary, environmental science approach to problem solving.

FALL 2022
Joe Hamm

WEDNESDAY
3:00-5:50 PM

ENVIRONMENTAL SCIENCE AND POLICY PROGRAM
FALL 2022 COURSE OFFERINGS

ESP 801: PHYSICAL, CHEMICAL, AND BIOLOGICAL PROCESSES OF THE ENVIRONMENT
INSTRUCTORS: Anthony Kendall, Daniel Kramer, Hui Li, Wei Liao | Mon,Wed: 12:40-2:00 PM

This course provides students who have disciplinary training in social sciences with a broad overview of environmental science from the perspective of natural sciences and engineering. Includes four modules: Environmental Geosciences, Biology/Ecology, Environmental Chemistry, and Environmental Engineering that are taught by four MSU instructors. An environmental case study, a research proposal or a similar interdisciplinary project serve as a crosscutting theme for the course and a common point of reference for learning in ESP 801 and ESP 802. As a counterpart course to ESP 801, ESP 802 is also structured in a modular fashion but focuses on social aspects of environmental problems. ESP 801 and ESP 802 build a foundation for an integrative experience in the capstone ESP 804 course where students, having taken ESP 801 or ESP 802 or both of these classes, work on team-based projects that span the social/natural science spectrum. The curriculum design reflects ESPP's objective of providing an interdisciplinary preparation to a cohort of students from diverse backgrounds pursuing an interest in environmental science and policy.

ESP 803: HUMAN AND ECOLOGICAL HEALTH ASSESSMENT AND MANAGEMENT
INSTRUCTOR: Karen Chou | Monday: 1:50-4:40 PM

This course provides concepts and techniques used to evaluate human and ecological health impacts from anthropogenic activities as well as a focus on policy formulation and management strategies to mitigate health effects. This course is designed for students with a familiarity with the basic concepts of physics, chemistry and biology of environmental processes, and the relationships between human systems and the environment.

ESP 804: ENVIRONMENTAL APPLICATIONS AND ANALYSIS
INSTRUCTOR: Joe Hamm | Wednesday: 3:00-5:50 PM

This course provides the opportunity to apply knowledge learned in previous ESP courses. Global, regional and local environmental issues will be presented and explored. Class projects will be identified from these issues. Students will be assigned projects and will use a systems approach to identify and solve environmental problems associated with the assigned issues. This course is designed for graduate students with ecology, biology, physical, or social science backgrounds seeking an interdisciplinary, environmental science approach to problem solving.

Asian Studies Center
International Studies & Programs
MICHIGAN STATE UNIVERSITY

ASIAN LANGUAGE SCHOLARSHIPS

FLAS FELLOWSHIPS

Academic Year Asian Language Study
2022 - 2023

- Undergraduate
- Graduate

TUITION AND STIPEND TO STUDY AN ASIAN LANGUAGE AT MICHIGAN STATE UNIVERSITY.

DEADLINE:

June 12, 2022 @ 11:59 p.m. EDT
Submission portal opens May 9, 2022

APPLY HERE

Subject to funding, the Asian Studies Center awards undergraduate and graduate student fellowships under the **Foreign Language and Area Studies (FLAS) Fellowship program** of the U.S. Department of Education for the study of modern Asian languages and Asia area studies.

FLAS Fellowships award academic year undergraduate students with $10,000 toward tuition and fees and a stipend of $5,000. For academic year graduate students FLAS will offer tuition payments of up to $18,000 per academic year and a stipend up to a total of $20,000 for the same period.

*To be eligible, students must be **U.S. citizens or permanent residents and be enrolled full time**. Undergraduate students must be studying the target language at the intermediate or advanced level. The academic year fellowship requires that students take one language and one area studies course for a letter grade each term during the award period.*

Continuing Education

(*) indicates a required field for students only (not required for administrators).

Career Services Network
MICHIGAN STATE UNIVERSITY (/)

Basics

University

University

Start Date *

MM/DD/YYYY

e.g. 04/07/2022

What will your enrollment status be at this school? *

(•) Full-time ( ) Part-time

How will you attend classes?

-- Please select a value --

Program Name/Field of Study

-- Please select a value --

What degree or certification will you pursue following graduation?

-- Please select a value --

Provide additional details here

Location

Country *

Country

City *

City

Other

This opportunity is consistent with my career aspirations at the time I started my master's program.

-- Please select a value --

This opportunity is consistent with my career aspirations that I formed during my master's program.

-- Please select a value --

Career Services Network
MICHIGAN STATE UNIVERSITY (/)

Admin

Reported Date *

MM/DD/YYYY

e.g. 04/07/2022

Knowledge Source *

-- Please select a value --

datasource_moreinfo

datasource_moreinfo

Cancel (/Profile?studentId=540016051545449) Add

Oregon State University

Department of Forest Engineering, Resources and Management
280 Peavy Hall
Corvallis, Oregon 97331

P 541-737-4952 and **F** 541-737-4316
ferm.forestry.oregonstate.edu

Postdoctoral position in Forest Biometrics / Measurements

The Forest Biometrics and Measurements Lab at Oregon State University seeks a highly motivated and talented research Postdoctoral fellow in forest biometrics, remote sensing, or geospatial analysis. The incumbent will examine the efficiency and suitability of selected methods to estimate change and species composition from satellite and airborne remotely sensed spectral, airborne photogrammetric, environmental, and ground data. The position provides a competitive 12-month stipend and health insurance for two years (subject to performance), starting May 1, 2022.

The project is a collaborative study with Drs. Jacob Strunk (jacob.strunk@usda.gov) and David Bell (david.bell@usda.gov) at the USFS Pacific Northwest research station. The development of spatially-explicit information describing species composition and estimating forest change over a region is critical for various applications, including policy development, forest fuels mitigation, and inventory. In keeping with the importance of spatially-explicit information on species and forest change, the incumbent will:

1) Quantify the effectiveness of different remote sensing attributes to identify species (or species groups) composition and change using random forest, neural networks, SVM, boosting, kNN, or other suitable modeling approaches and map results
2) Examine the use of different models to relate field measurements and their change to multi-temporal remotely sensed structure and spectral metrics
3) Process three-dimensional data, analyze, and interpret results to support improved predictions.

Oregon State University is located in Corvallis, Oregon, between Portland and Eugene. Ocean beaches, lakes, rivers, forests, high deserts, and the Coast and rugged Cascade Ranges are within a 100-mile drive of Corvallis. For information about the College of Forestry at OSU, visit http://www.cof.orst.edu/

Candidates must possess a Ph.D. degree in Forest Biometrics/Measurements, Remote Sensing, or Geospatial Analysis. Expertise in forest measurement or a quantitative field involving geospatial analysis is expected. Ideally, the successful candidate will have worked with common spatial products (vector and raster), spectral and point cloud remote sensing datasets, and modeling and mapping. The candidate should be proficient in scripting and data analysis (e.g., python or R). Excellent written and verbal communication skills are desired. Interested candidates should send their application curriculum vitae, including a list of publications and references, to one of the cooperators listed below.

Dr. Temesgen Hailemariam
Department of Forest Engineering, Resources, and Management
Oregon State University
204 Peavy Hall, Corvallis Oregon,
Phone: 541-737-8549
E-mail: hailemariam.temesgen@oregonstate.edu
https://directory.forestry.oregonstate.edu/people/hailemariam-temesgen

Dr. Jacob Strunk
Forestry Sciences Laboratory
3625 93rd Ave SW
Olympia, WA 98512
Phone: 541-740-0563
E-mail: Jacob.strunk@usda.gov

Dr. David Bell
Pacific Northwest Research Station
USDA Forest Service
3200 SW Jefferson Way, Corvallis OR, 97331
Phone: 541-750-7298
E-mail: david.bell@usda.gov
https://www.fs.usda.gov/pnw/people/bell-david-m
https://lemma.forestry.oregonstate.edu/
https://pnwpsp.forestry.oregonstate.edu/

Closing date: April 15, 2022, or until the position is filled.

PhD Job Market Course | CAS 892 | Summer 2022

Hello all,

I wanted to send out a note to encourage you to sign up for my Special Topics Summer Course: CAS 892 - Section 304 focusing on preparing for the job market. Last summer was the first time this class was offered, and per students' feedback, it was extremely helpful in preparing students for the job market.

Who Can Take this Course?

This course is geared toward mid- to late-career doctoral students. In other words, students who are ready to embark on their job market journey and those who are a few years away from that. It is open to everyone, yet, from student feedback, it was exceedingly helpful for students who have spent a few years in the program and are now thinking about the job market.

Improvements in the Course this Semester

Based on students' feedback, I have extended the timeframe of the course, to offer more time for students to work on their materials. I also will be dedicating more time for industry jobs. You might wonder why the focus on industry jobs. As we discussed in class, while academic careers seem like the traditional trajectory out of a Ph.D. program, it is not the only one, and should not be perceived as such. Finally, in collaboration with our ComArtSci development office and the Associate Dean for Graduate Studies, we will be working -- if the course makes -- several guest speakers from our doctoral programs in the College across academic and industry to speak with students. In addition to knowledge sharing, this will be a tremendous networking opportunity.

Please note that the class is scheduled for in-person instruction, yet if there's enough preference among students to change that to a ***hybrid model****, I'm more than happy to do so.*

What We'll Do in the Course

The course is set up in a workshop style. We have class meetings to discuss the topic for that day and listen to a guest speaker. Students will work on developing the following materials:

- CV for academic jobs
- Resume for industry jobs
- Cover letter
- Research Agenda
- Teaching Philosophy
- DEI Statement
- Personal branding website
- Preparation for job market interviews

Feedback from Students Last Summer

· Great course offered by the program. The professor is great !

· Everything is great for a two-week course. If i have to name one thing for improvement, I would say that there could be more time devoted for non-academic job discussion in the future, given that we spent one meeting on non-academic and three meetings on academic discussion.

· This class and the instructor were fantastic. I learned a lot and have first drafts of all the important documents needed for the job market. I really appreciated the feedback on all of the assignments.

· This course covered such important material, so it surprised me that it was only organized as a two-week course. Considering the amount of material we attempted to cover and the gravity of the assignments, it would have been more helpful for this to be a month-long course at least. The panels organized were very helpful and I really appreciated that panelists and the instructor shared valuable experiences of theirs that we could learn from. The professor is wonderful. The way he envisioned the course shows that he's concerned with us getting a well-rounded understanding of navigating academic and non-academic job markets. His feedback on assignments is priceless. It is what I have been in desperate need of and unfortunately, no one offered such detailed, helpful feedback until this course. This course should be mandatory for mid-career PhD students and should definitely be at least a month long to cover all this ground. Kudos to the professor for helping us create the skeletal structures of our job portfolios in such a short period of time.

If you have any questions, please don't hesitate to reach out to me. Following is a link to last year's syllabus:

https://docs.google.com/document/d/1ZRR9rVlfYgEpMBnCZXXAt2PAFmuFZ4U7DWqxzR08sRY/edit?usp=sharing

CAS892-734

CAS 892 - 734 JOB MARKET Navigating Pathways Out of a PhD July 12 - 23, 2021 M, W, F @ 1:00 - 3:20 PM Instructor: Dr. Saleem Alhabash https://msu.zoom.us/j/94539781398 (Passcode: jobs) Communication Arts & Sciences Building Room 313 Phone: 517-432-2178 Email: sa...

docs.google.com

Best,

Saleem

Saleem Alhabash, Ph.D. (he/him)
Associate Professor

Co-Director of the Media and Advertising Psychology (MAP) Lab

Chair, College Advisory Council

Associate Editor, Journal of Interactive Advertising
Department of Advertising + Public Relations

College of Communication Arts & Sciences

Michigan State University
--
Communication Arts and Science Building
404 Wilson Road, Room 313
East Lansing, MI 48824-1212
Tel: (517) 432-2178
Email: sa@msu.edu

www.saleemalhabash.com

CERTIFICATION IN COLLEGE TEACHING INSTITUTE (CCTI) 2022

The Graduate School invites doctoral students, MMs, MFAs, and postdocs interested in working toward the Certification of College Teaching to join the CCTI 2022.

May 9, 2022 (Monday)
5:00 pm – 6:30 pm (Virtual)
Introduction and information to get started

May 12, 2022 (Thursday)
9:00 am – 4:00 pm (In-person)
Understanding the University Context & Writing your Teaching Philosophy

May 13, 2022 (Thursday)
9:00 am – 4:00 pm (In-person)
Creating Effective Learning Environments & Incorporating Technology in your Teaching

The in-person sessions will be held at the STEM Teaching and Learning Facility. Due to the interactive nature of the program, participants must attend all 3 sessions. There is a $20 fee for registration.

grad.msu.edu/cctp

For any questions, contact stbaier@msu.edu

REGISTER HERE FOR CCTI 2022!

MSU GRADUATE SCHOOL

CULTURAL HERITAGE INFORMATICS initiative

chi.anthropology.msu.edu

Call for 2022-2023 Cultural Heritage Informatics Graduate Fellowship Applications

APPLICATION DEADLINE: May 9, 2022

The Cultural Heritage Informatics Initiative invites applications for its 2022-2023 Cultural Heritage Informatics Graduate Fellowship program.

Fellowship Details

The Cultural Heritage Informatics Graduate Fellowship Program offer MSU graduate students the skills to creatively and thoughtfully apply digital methods and computational approaches to cultural heritage collections, materials, data, questions, and challenges.

While the fellowship, which spans an academic year, involves workshops, collaborative development work, and technical experimentation, the overall organizational focus of the fellowship is the development (either individually or collaboratively) of a significant and innovative digital cultural heritage project.

To support their work, fellows will receive a stipend of $2500 per semester. In addition, fellows will have the opportunity to receive an additional $1000 to expand their project during the summer. While applicants may have previous technical experience, such experience is not required to apply.

Framing Cultural Heritage

The focus of the Cultural Heritage Informatics Graduate Fellowship Program is the application of digital methods and computational approaches within cultural heritage. In its focus, the program leverages the definition of cultural heritage commonly used by UNESCO:

> *Material culture (artifacts and objects, monuments, structures, landscapes, etc) and intangible cultural attributes (oral traditions, language, ritual, social practices, traditional knowledge, performing arts, cuisine, etc) of a group, community, or society that are transmitted intergenerationally, used and maintained in the present, and preserved for future generations.*

The fellowship is interested in both tangible and intangible cultural heritage. Students whose work or interest in the fellowship is driven by this particular framing of cultural heritage are encouraged to apply.

Fellowship Projects

The primary goal of the fellowship program is to provide an opportunity for participants to individually or collaboratively develop a significant and innovative digital cultural heritage. Projects might include (but are certainly not limited to) a mobile application, a digital exhibit, a digital archive, or a collaborative digital publication. The project must also have a significant public component. It is important to note that there is no single mechanism by which fellows will come to these projects. If applicants have an existing idea for a specific project, they are welcome to include that in their application statement. If applicants have an interest in a platform or technology (but no specific project in mind), they are encouraged to include that in their application statement. If fellows do not have a particular project or platform in mind, they will work with members of the Cultural Heritage Informatics Initiative in order to define a suitable project.

For more information on current CHI Graduate Fellow projects, visit the Cultural Heritage Informatics Initiative website (chi.anthropology.msu.edu)

Responsibilities

The Cultural Heritage Informatics Grad Fellowship carries the following obligations:

- All CHI Grad Fellows must attend the weekly meeting on Fridays from 1:30-3pm in LEADR (Old Hort 112) .
- All CHI Grad Fellows must be in-residence at LEADR for 10-3 each week on Fridays (part of this time will be dedicated to the fellowship program's weekly group meeting, while the rest of the time will be dedicated to collaborative/communal work between all of the fellows).
- All CHI Grad Fellows must complete a series of prerequisites (technical tutorials, readings, and exercises) before the beginning of the fellowship in the fall. Failure to complete these prerequisites by 8/26 will result in the fellowship offer being withdrawn
- All CHI Grad Fellows must write at least 1 substantive blog post per month on the CHI Website
- All CHI Grad Fellows must submit a project proposal at the end of the fall semester
- All CHI Grad Fellows much complete and launch their project by the end of the spring semester
- All CHI Grad Fellows must submit all final reporting materials after the launch of their fellowship project

Those students who are not able to meet these obligations should not apply.

Eligibility

In order to be eligible to apply for a Cultural Heritage Informatics Graduate Fellowship, applicants:

- must be enrolled and be in good academic standing in a graduate program at Michigan State University (either at the Masters or Doctoral level). A primary focus of their work must be cultural heritage (as defined above).

- must be enrolled (and remain enrolled) full-time in the year for which they are applying.

- must demonstrate positive progress in their graduate programs.

Awards will be made to individuals who demonstrate academic achievement, are committed to a career that embraces the application of digital methods and computational approaches, and show potential to make meaningful contributions in the domain of digital cultural heritage.

How to Apply

Applicants must complete and submit the following materials in order to be considered:

- A cover letter expressing their interest and introducing their motivations for applying.
- A current copy of their CV
- A brief statement (3 pages maximum) discussing the applicant's professional and scholarly goals, their interests in the application of digital methods in cultural heritage (broadly or specifically), and how the fellowship program will contribute to their professional & scholarly development.
- An ***unofficial*** copy of current transcripts

Applications should be submitted using the following form: https://forms.gle/Vhoxhuf5fKQdWKoc9

Please note, the application submission form requires that all users login with their MSU account. If you encounter a "You need permission" message, make sure you are logged out of your non-MSU google account. Please be sure to read and follow the direction included on the form about file formats and file naming.

Any questions can be directed to Ethan Watrall (watrall@msu.edu)

Application Deadline

Completed application package must be received by **5pm (EST) on May 9, 2022**.

CULTURAL HERITAGE INFORMATICS initiative

2022-2023 Cultural Heritage Informatics Grad Fellowship Information Session

Monday, May 2
10:30-11:30 EST
Zoom (go to https://msu.zoom.us/meeting/register/tJ0lf-6urjouGdI6enIVAQLfjunKfJg1Vh86 to register)

Join Dr. Ethan Watrall (Associate Professor of Anthropology and Director of the Cultural Heritage Informatics Initiative) for a casual, virtual information session about the Cultural Heritage Informatics (CHI) Grad Fellowship Program. Attendees will be provided with an introduction to the fellowship program, including disciplinary and intellectual scope, expectations, activities, resources, and support. The session is open to any and all graduate students who are interested in finding out more about the CHI Grad Fellowship Program.

Hosted and administered by the Department of Anthropology in partnership with LEADR, the Cultural Heritage Informatics Graduate Fellowships offer Michigan State University graduate students the skills to thoughtfully apply digital methods and computational approaches to cultural heritage materials, collections, data, questions, and challenges.

For more information on the Cultural Heritage Informatics Grad Fellowship Program, visit http://chi.anthropology.msu.edu/fellowships/

For more information about the session or, please email Ethan Watrall at watrall@msu.edu

BE 849
Quantitative Human Health Risk Modeling and Analysis for Microbial Stressors
Fall 2022 – 3 credits

Wednesdays: 1:50p – 4:40p
Location: Classroom (TBD) and Computer Lab (FAE 105)

This course aims to teach students a broad set of tools and modeling skills used in health based environmental risk assessment and analysis. This course will focus pathogenic microorganisms as stressors in multimedia environments including air, water, soil and food. However, the overarching framework and tools can be applied in other areas including chemicals. Students will learn basic methods to model deterministic and stochastic systems in R. We will build mathematical models to integrate data and knowledge across several disciplines in order to describe the pathogen occurrence, persistence, fate-and-transport, exposure and human responses to microbes in order to numerically estimate health risks. Exposure levels will be informed by environmental measurements, monitoring data and/or by models that characterize the magnitude, frequency, and duration of contact between stressor and receptors. Course will cover topics in microbiology, including kinetics, and methods of detection to understand pathogenic behavior in the environment as well as the disease process to model interactions with the human body. Formal risk assessment also mathematically combines these and other factors with a rigorous treatment of the relevant uncertainties to formulate estimates of risk useful for decision making. Students will have the opportunity to also evaluate risk management strategies using decision analytic tools, such as cost-benefit analysis.

Teaching Style: A combination of lecture, active and cooperative learning including weekly computer lab sessions, and project-based learning

Instructor: Dr. Jade Mitchell (jade@msu.edu)

Recommended Background:
Mathematics background including calculus I and calculus II or equivalent. Probability background including STT 441 OR STT 442 OR STT 351 or equivalent. Background in engineering, environmental science, toxicology, microbiology, food safety, and/or public health.

Ever wish the public better understood what you do?

Science and research are far too important to share just with researchers or to confine only to journal articles. Building public support for research leads to good policy. ***It also advances your career and supports your work.***

Engage public audiences this summer in JRN 892 (Section 730), Science Communication. This online three-credit course runs from May 17 to July 1. There are no prerequisites.

Reach the people who may not care about your work now - but will when you learn to tell your story. Focus your message. Spread your enthusiasm. Reach public audiences. Even gain a few simple tools for producing video stories.

Produce a research story template to use in teaching, grant proposals, news stories, blogs or other public communications.

Reasons to learn this stuff:

- You have far greater impact when you turn that journal article into something read by people otherwise unfamiliar with your important work.
- Your grant proposals become focused, compelling, successful. Score points for broader impacts and with reviewers numbed by tedious applications.
- People who know about your work can benefit from and support it.

The course is taught by David Poulson, the senior associate director of MSU's Knight Center for Environmental Journalism and a longtime former science and environmental journalist. He's at poulsondavid@gmail.com.