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October 14, 2022

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ESPP News & Announcements

Reminder: ESPP Fall Student Research Symposium | 10-17-22

We look forward to seeing many of you for our [Annual ESPP Fall Student Research Symposium](#) on Monday, October 17, 2022, from 8:30 AM – 1:00 PM at the [Kellogg Hotel & Conference Center](#) in East

Lansing. We are pleased to welcome [Dr. Jianguo “Jack” Liu](#) and [Dr. Stephen Gasteyer](#) as our featured plenary speakers and look forward to quite a number of engaging research presentations from ESPP and other MSU students. Breakfast and lunch will be served. **Please click [here](#) to register in advance.** Any faculty member wishing to serve as a judge for student presentations, please reach out to us at espp@msu.edu. For more details, please visit the [ESPP Fall Student Research Symposium](#) event page.

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

Spring 2023 TA Tuition Pool Closes | Deadline 10-21-22 @ 5 PM

The Graduate Employees Union and Michigan State University agreed to add 500 additional tuition credits to the tuition waiver benefit for teaching assistants. This additional benefit will be in place for 2019-2023. The Spring tuition pool is available to students appointed as teaching assistants in Spring 2023. Applications are due October 21, 2022 by 5 p.m. Apply at <https://grad.msu.edu/tatuitionpool>.

Cybersecurity Awareness Month

October is National Cybersecurity Awareness Month and Michigan State University Information Technology wants to ensure that you stay safe and secure online – which means more than just creating a strong password. You might not think your data is worth protecting, but your MSU credentials can be used as a gateway to important institutional data. The more aware you are, the more secure you will be. Visit go.msu.edu/cam221 to learn about the best ways to #SecureState.

Open Call: Knowing Nature Gaming Residency

The MSU Museum CoLab Studio, a division for innovation and experimentation, is seeking a team of undergraduate and graduate students to experiment with gaming in MSU Museum exhibitions. Students will focus on designing a game to be part of the Smithsonian SITES exhibition “Knowing Nature: Stories of the Boreal Forest.” [Learn more here](#).

Scholarships, Awards, & Fellowships

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. The deadline to apply is Sunday, October 23, 2022. [Learn more here](#).

Future of Life Nuclear War Research Grant | Letter of Intent due 11-15-22

With the risk of nuclear weapons use growing and the recent threats to use nuclear weapons, a deeper evidence-based understanding of the consequences of nuclear war is urgently needed. The current request for proposals targets research on the humanitarian impacts of nuclear weapons use and nuclear war. This focus builds upon the 2022 [Future of Life Award](#). In this competition, grants totaling at least \$3M will be available to researchers in academic and other non-profit institutions for projects of duration up to three years. Grant applications will be subject to a competitive process of external and confidential expert peer review similar to that employed by all major U.S. scientific funding agencies. Renewal funding is possible and contingent on submitting timely reports demonstrating satisfactory progress. For more details, please visit <https://futureoflife.org/grant-program/nuclear-war-research/>.

JB Ashtin Medical Communications Fellowship | Deadline 11-18-22

JB Ashtin, a medical communications company, is seeking applicants for a fellowship program that will provide real-world experience to recent advanced-degree graduates from life sciences or healthcare profession programs who are exploring a career in medical communication. [Learn more here](#).

Ford Foundation Fellowship Program | Deadline 01-05-23 @ 5 PM

The National Academies of Sciences, Engineering, and Medicine is accepting applications for the 2023 Ford Foundation Fellowship Programs. Through its program of fellowships, the Ford Foundation seeks to increase the diversity of the nation's college and university faculties by increasing their ethnic and racial diversity, maximize the educational benefits of diversity, and increase the number of professors who can and will use diversity as a resource for enriching the education of all students. [Learn more here](#).

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

Electronic Thesis and Dissertation Formatting Webinar | 10-19-22 | 9:30-11 AM

During this workshop students will receive information regarding the following: How to format their thesis or dissertation correctly; How to successfully submit their thesis or dissertation via ProQuest; How to successfully submit required paperwork, complete their Graduate School degree requirements, and receive their diploma. [Learn more and register here](#).

Writing Center Write-In | 10-21-22 | 9 AM-12 PM

The Writing Center write-ins are hosted and facilitated to provide writers with an opportunity to write in a shared writing space where other writers are present, and a writing center consultant/staff member is present to provide consultations for writers who would like to have a consultation appointment during the session. [Learn more and register here.](#)

onGEO Professional Courses, Session 622 begins 10-24-22

The [MSU Department of Geography \(onGEO Group\)](#) offers a [Professional Certificate in GIS](#), which is earned by completing four Core courses (fully online; 7-weeks long; non-credit). Each core course costs \$875. Registration is now open for [onGEO's upcoming professional certificate courses](#). The October session features three Core courses, which count toward earning a [Professional Certificate in GIS](#)! The lab components of the GIS, Remote Sensing, Cartography, Criminal Justice Applications in GIS, and Digital Image Processing courses now provide students with the option of learning ArcGIS Pro. 3 Core courses offered this session include [Intro. to Geospatial Technologies](#), [Geographic Info. Systems](#), and [Cartography](#). More information at: <https://professional.ongeo.msu.edu/>
Registration: https://commerce.cashnet.com/msu_3914

CIRTL Network Fall Programming Opportunities

The Center for the Integration of Research, Teaching, and Learning is holding multiple events in October that will benefit graduate students, including a workshop on how machine learning can enhance undergraduate research and a panel discussing teaching at community colleges. [Learn more and register here.](#)

RS&GIS Data Collection Opportunity

MSU RS&GIS is recruiting volunteers for our new research project on biometric! If you are in the East Lansing area and have an hour to spare, please consider taking part. There is a \$50 incentive to participants that complete the data collection. More information on the project is in the attached. The link to enroll in the project is: <https://bit.ly/3vWiHua> We would GREATLY appreciate the support!

Job Opportunities

State of Michigan GIS Student Assistant Opportunity | Public Service Commission

The Michigan Public Service Commission, which is part of the State of Michigan, recently posted a student assistant position to perform GIS-related work for the agency. Additional details can be found at the link below. The posting closes on 10/24. Applicants must be currently enrolled in high school, vocational or technical school, or post-secondary educational institution to be eligible for the position. <https://www.governmentjobs.com/careers/michigan/jobs/3756038/student-assistant>

Student Assistant (System Monitoring & Reporting Unit) – Planning

The Michigan Department of Transportation and we have a student position that available in the Systems Monitoring and Reporting Unit. For more details, see <https://www.governmentjobs.com/careers/michigan/jobs/3648139/student-assistant-system-monitoring-reporting-unit-planning>.

GIS Specialist | Macomb Township Planning Department

Under direction of the Planning Director, this position assists with inputting data into a Township wide Geographic Information System. Plans, develops, and coordinates all GIS data and projects. Serves as a GIS and technology advocate to other departments to encourage data sharing to help improve the decision-making process of Township leadership. Performs other duties as required. (Not All-Inclusive) Please refer to the position description for a full listing of duties, requirements, skills, and abilities. Available at www.macomb-mi.gov. More details at [GIS Specialist Macomb Twp MI 10112022.doc](#)

Environmental Technician

Advanced Matric, Inc. is seeking someone with a four year degree in science to fill a full-time Environmental Technician position based in Plymouth, MI. See attached for more details.

Paid Internship or Student Employment with RS&GIS

RS&GIS has received a large state contract to remap the hydrography across the state. To complete this work, they need an army of technicians to help them. They are open to either interns or paid technicians. They would prefer students with a GIS background but are open to training too. For more details, see the attached flyer.

FALL STUDENT RESEARCH SYMPOSIUM

October 17, 2022

8:30 AM - 1:00 PM

Kellogg Hotel & Conference Center



Environmental Science
and Policy Program
MICHIGAN STATE UNIVERSITY

The Environmental Science and Policy Program annual Fall Student Research 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.

Schedule:

8:30-9 AM	Registration and Breakfast
9-9:15 AM	Welcome
9:15-10 AM	Dr. Jianguo "Jack" Liu, MSU University Distinguished Professor, Rachel Carson Chair in Sustainability and Director, Center for Systems Integration and Sustainability
10-10:15 AM	Break
10:15-11:45 PM	Breakout Sessions Student Presentations
11:45 AM-12 PM	Break
12-1 PM	Lunchtime presentation by Dr. Stephen Gasteyer, Associate Professor of Sociology
1:00 PM	Closing Remarks

Lunch will be provided. Please register in advance at the link provided. Any faculty member wishing to serve as a judge, please reach out to us at espp@msu.edu.

SCAN OR CLICK



TO REGISTER



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: espp.msu.edu

Questions? Contact us at espp@msu.edu

Volunteers Needed for MSU Research Study

\$50 visa card provided for participation

Michigan State University (MSU) Departments of Computer Science, Engineering and RS&GIS are looking for volunteers to participate in a research study titled, *Physics-driven Modeling and Learning for Person Recognition at a Distance and Altitude*. The objective of this research is to design, implement and evaluate a software system for face, whole-body and gait biometric recognition.

What are my incentives to participating in this study?

- Participants will receive a **\$50 prepaid visa card** for a single session.
- Your participation will help further advanced research at Michigan State University.

What are my responsibilities as a participant?

- Attend a single data collection session at MSU in East Lansing lasting from 25 to 50 minutes.
- Participants will complete and [enrollment survey](#).

Where and when will the sessions occur?

- Data collection sessions will take place at the Michigan State University RS&GIS offices (1407 S Harrison) and on south campus near the MSU Pavilion (4301 Farm Ln, Lansing, MI 48910) both indoors and outdoors. Sessions will be scheduled from late Summer 2022 through 2025. Session date and time may vary according to availability.*

What data are we collecting?

- During data collection sessions, project personnel will collect photographs and videos of participants at various distances and altitudes. Participants will walk along pre-determined paths while being recorded by several cameras. Participants may be asked to partially conceal their face or body by carrying items or wearing accessories or bulky clothing that they have been instructed to bring to their session.

What about my privacy?

- MSU requires all identifying personal information, such as name, address email, to be protected during this project. Information will be stored on a secure computer accessible by data collection personnel only. This information will only be used to schedule appointments, issue prepaid debit cards or contact for future research participation. It will not be attached to any images or videos.

Enrollment Form

- Please fill out the enrollment survey form located at <https://bit.ly/3vWiHua> or
- Scheduling will occur soon after.



Who do I contact if I have questions about participation in this study?

- All questions should be sent to either the data collection lead (Erin L. Bunting; 517-432-0446; ebunting@msu.edu) or the data collection manager (Robert Goodwin; 517-432-0879; goodwinr@msu.edu).

*Depending on current government and MSU guidance, COVID precautions, including masks and social distancing, may be in place.

ENVIRONMENTAL TECHNICIAN POSITION OPENING

Full-Time, 40 hr./wk., In-Person

Advanced Matrix, Inc.

Plymouth MI

Education/Experience Sought:

- Bachelor of Science Degree (or closely related major)
- Demonstrated interpersonal skills, organizational ability, and communication skills.
- Field-work experience (soil/water/vegetation sampling) preferred, but not required.

Work Responsibilities:

- Conduct storm water and wastewater sampling at client locations.
- Assist client personnel in the implementation and maintenance of environmental, health and safety programs.
- Support safety data sheet management systems for clients.
- Conduct inspections and audits, under the supervision of a project manager, of client facilities to identify safety, health or environmental issues and recommending appropriate corrective or preventive actions.
- Support project managers in providing employee training on safety and environmental topics.
- Travel to client locations to conduct assessments, or other EHS duties; 10-30% travel possible.
- Develop plans, programs, and procedures to ensure effective EHS program implementation.
- Perform fieldwork and summarize field activities along with associated laboratory data.
- Assist project managers in the preparation and submittal of required governmental reports, forms, documentation in the required time frame.

Computer Skills:

- Proficiency with Microsoft Office applications (Word, Excel, and Power Point)

Attention to Detail:

- Ability to pay close attention to detail for accuracy and thoroughness in completing work.
- Ability to keep privileged information confidential.

Interpersonal:

- Job requires a pleasant disposition, a good-natured personality, and a positive attitude.

Skills and Experience:

- Some Industry experience preferred but not necessary.
- Service oriented and ability to work independently.
- Ability to develop trust.
- Strong focus on safety culture.

Compensation: \$40,000+ depending on experience, health insurance option, and vacation time.

To Apply: Send resume, including cover letter and contact info for three references, to Biplab Roy, broy@advanced-matrix.com, with "Tech Position Application" in the subject line.



Internships Available at RS&GIS



- **GIS work on either:**
 - Statewide Hydrography Realignment Project
 - Michigan Department of Transportation Right-of-Way Conversion
- **Skills preferred:**
 - Coursework or research experience with GIS or spatial data
 - Background in environmental science, computer science, geography, ecology, or natural resource conservation
- **Internship conditions:**
 - Remote or in person work conditions
 - Weekly mandatory check-in meetings
 - Paid and/or for credit options available

***Employment Opportunities Available
after Successful Completion
of Internships***

Real-World ArcGIS Pro Experience

Training Provided

To apply fill in the following form:
<https://forms.office.com/r/GM07ycQaVx>

***Email questions to:
ebunting@msu.edu***