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For Everyone

Margaret Curtis, PhD

1946-2022

The LSAMP community mourns the loss of Dr. Margaret Curtis, longtime educator, administrator, STEM education research scientist, and LSAMP family member. Our thoughts and prayers are with her loved ones, colleagues, and friends.



[Read more about Dr. Curtis' legacy](#)

Feature: LSAMP community colleges collaborate to develop inter-disciplinary STEM learning activities

Faculty from three community colleges partnered to develop a set of learning activities titled, "[Linear Regression \(Excel\) and Cellular Respiration for Biology, Chemistry and Mathematics](#)". These activities can be used in a Biology, Chemistry, Mathematics, or Statistics course. The collection provides student activity files with Excel instructions and Instructor Activity files with Excel instructions and solutions to

problems. Students will be able to perform linear regression analysis, find correlation coefficient, create a scatter plot and find the r-square using MS Excel 365. Students will be able to interpret data sets, describe the relationship between biological variables, and predict the value of an output variable based on the input of an predictor variable.

“We are excited about this collaboration among Biology, Chemistry, and Math faculty from three community colleges within the Louis Stokes Alliances community. The shared inter-disciplinary resources we develop not only help the students to comprehend difficult concepts in STEM, but it also demonstrates that two-year college setting serves as a prolific space for STEM education research conducted by the community college faculty.” - **Dr. Sheela Vemu**, Biology faculty at **Waubensee Community College (LSMRCE partner)** in Sugar Grove, IL. Other collaborators include **Drs. Beatriz Gonzalez** and **Irene Corriette** from **Santa Fe College (FL-Caribbean LSRCE)**, **Drs. Daniela Kitanska** and **Henriette Mozsolits** from **Passaic County Community College (Garden State B2B)**.

[Learning Activity Set on the QUBES website](#)

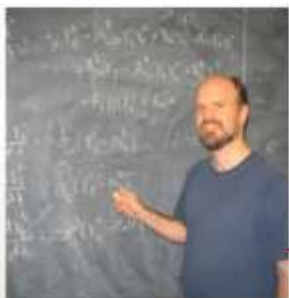
Webinar: Ouch! Feedback Doesn't Have to Hurt

Friday, February 11 | 2pm-3:30pm ET | [Register for the Webinar](#)

Providing feedback in a mentor-mentee or advisor-advisee relationship can be challenging. Receiving that feedback can be even more challenging. During this webinar, participants will engage in active learning opportunities allowing them to learn how to effectively give and receive feedback, bridge differences between mentors and mentees, and apply best practices for communication in mentoring relationships. Webinar hosted by LS-PAC MODELS.

Oak Ridge and Los Alamos Labs: Quantum Machine Learning Mini Conference

Friday, February 25 | 11am-1pm ET | [Register for the FREE Mini Conference](#)



**Friday February 25
11:00 AM - 1:00 PM**

**QUANTUM MACHINE LEARNING
Mini Conference**



**Los Alamos National Lab and
Oak Ridge National Lab**

**Entanglement And Quantum
Machine Learning**
Dr. Andrew Sornborger

**Quantum Machine Learning
Techniques**
Dr. Prasanna Date

Mark Your Calendar for these 2022 LSAMP Conferences

- [ILSAMP Research Symposium](#) | February 25-26 | Chicago
- [UB Undergraduate Research Conference](#) | July 21-22 | Virtual
- [LS PAC MODELS Diversity in STEM Conference](#) | July 21-23 | New Orleans
- [LSMRCE Annual Conference](#) | October 21-23 | Chicago

Want to advertise your conference? Send your promotional material to contact@lsmrce.org.

For Undergrads

FREE Cal NERDS Virtual Boot Camp: Introduction to Python Coding

Saturday, Feb 12th & Sunday, February 13 | 1p - 4p ET

No experience needed!

Registration Link: <https://forms.gle/GBSB8a19J44jiPj49>

More details visit: <https://calnerds.berkeley.edu/events/view/python>

REU: MarSci-LACE Mote REU Summer Student Research Opportunities

Application Deadline is February 15. Mote Marine Laboratory is now accepting applications for the Summer 2022 Mote Research Experience for Undergraduates (REU) program under the LSAMP Marine Science Laboratory Alliance Center of Excellence (MarSci-LACE). This program offers paid marine science research experiences for historically underrepresented minority undergraduates under the mentorship of Mote scientists. Interns gain experience in scientific research, science communication and attend research seminars and workshops on career skills. [Learn more...](#)

REU: Diversity in Cancer Research REU at University of Chicago

Application Deadline is February 21. The University of Chicago Medicine Comprehensive Cancer Center welcomes undergraduates to explore exciting careers in cancer research through the Diversity in Cancer Research (DICR) program. Over the course of the summer, participants work full time in the laboratories of established cancer researchers, gaining hands-on experience in areas at the forefront of the field. [Learn more...](#)

REU: Sustainable Resilient Transportation Systems REU at U Delaware

Application Deadline is March 6. University of Delaware has cordially invited your students to apply for participation in its newly funded National Science Foundation Research Experiences for Undergraduates (REU) site in Sustainable Resilient Transportation Systems in Newark, DE which will be held from June 6 – August 12, 2022. [Learn more...](#)

REU: Paid LSAMP Summer Research Program at Syracuse U

Application Deadline is March 11. The Syracuse University Louis Stokes Alliance for Minority Participation (LSAMP) Research Program is a paid summer research opportunity that provides undergraduate scholars with the opportunity to work with distinguished faculty and staff as well as network with others in their field of interest. [Learn more...](#)

REU: Summer Research in Biostatistics at Columbia University

Application Deadline is March 15. The Biostatistics Epidemiology Summer Training (BEST) Diversity Program was established to expand and diversify the behavioral and biomedical sciences' workforce by introducing undergraduates from underrepresented populations to biostatistics and cardiovascular and pulmonary disease research. [Learn more...](#)

[Pathways To Science Summer Opportunities Searchable Database](#)

Undergraduate Students

[Paid Summer Research Programs -- deadlines are fast approaching!](#)

PathwaysToScience.org has a searchable database of **600+** summer research programs in all STEM disciplines.

Need Help in Finding Internships?

Contact Liv Detrick at ldetrick@ibparticipation.org for assistance. Please include your level of study, disciplinary interests, and any other requirements.



For Grads/Post-Docs

2022 RAY Diversity Fellowship Applications

Application Deadline is February 28.

The 2022 RAY Diversity Fellowship is a two-year, full-time placement with one of our partner conservation or clean energy organizations with the goal of increasing and facilitating environmentally-related career pathways for emerging leaders of color.

There will be 20 Fellowship positions with portfolios including public lands and tribal engagement, science and policy research and analysis, finance and philanthropy, grassroots organizing, communications, education, managing wind energy projects, and more in the clean energy, conservation, and marine fields. [Learn more...](#)

STEM Education Postdoctoral Research Fellowship program, NSF 22-531

Proposals Due March 1, 2022

The National Science Foundation Education and Human Resources Directorate recently announced the new *STEM Education Postdoctoral Research Fellowship* program, [NSF 22-531](#), which seeks to support the development of STEM education researchers through the award of postdoctoral fellowships to individuals, institutions, and collaborations of institutions.

The program emphasizes broadening participation in the pool of STEM education researchers and encourages MSIs and individuals who are members of groups underrepresented in STEM to apply. Full details can be found at <https://beta.nsf.gov/funding/opportunities/science-technology-engineering-and-mathematics-education-postdoctoral> Formal outreach activities for the STEM Ed PRF will begin January 2022 and the proposal submission deadline is March 1, 2022. Please contact the cognizant program officers if you have questions. [Learn more...](#)

Cyber-Physical Systems Rising Stars Workshop 2022 - Call for Applications

Application Deadline is March 10, 2022.

The inaugural CPS Rising Stars Workshop, which is sponsored by the National Science Foundation, will be held at the University of Virginia (Charlottesville, VA) on May 26, 2022. This workshop aims to identify and mentor outstanding PhD students and postdocs who are interested in pursuing academic careers in Cyber-Physical Systems (CPS) related areas. The workshop program will feature panels and presentations on the academic job search process and how to succeed as a junior faculty member, as well as research talks from workshop participants. This workshop will give participants a chance to gain insights about navigating the early stages of careers in academia and network with their peers, opening the door for ongoing collaboration and professional support for years to come. [Learn more...](#)

Future Faculty Career Exploration Program- Opportunity

Application Deadline is March 14, 2022.

The Rochester Institute of Technology's Future Faculty Career Exploration Program is currently accepting applications for the 2022 Cohort. This opportunity is for students (PhD/MFA), alumni, postdoc scholars and fellows, and any others whom might be interested in exploring a career at RIT. This is a competitive application process. [Learn more...](#)

Seeking Graduate Students to Join NASA's Dragonfly Spacecraft Mission

Application Deadline is May 27, 2022.

The NASA Dragonfly Student and Early Career Investigator Program application is now open for our 3rd Cohort. The intent of this program is to broaden mission participation; thus, the program targets students who are currently unaffiliated with the Dragonfly team. Eligible students must be U.S. citizens pursuing a master's or doctoral degree in the biological, physical sciences, computer sciences, mathematics or engineering at a U.S. institution. Graduating seniors and post-baccs who will be entering into an M.S. or Ph.D. program in Fall 2022 are eligible to apply. Graduating M.S. students who will be entering into a Ph.D. program in Fall 2022 are also eligible.

[Learn more...](#)

For Professionals

Future of Work at the Human-Technology Frontier Core Research, NSF22-533

Proposals Due: March 2, 2022

The solicitation for the Future of Work at the Human-Technology Frontier-Core Research has been released with proposals due on March 2, 2022. [Learn more...](#)

NASA SBIR/STTR 2022 Phase I Solicitations now open!

Solicitation Due: March 9, 2022

The annual NASA SBIR and STTR Phase I solicitations are your invitation to join a

community of NASA experts, small businesses, and research institutions who are researching and developing the technologies of tomorrow. [Learn more...](#)

NASA OSTEM MSI Fellow Rotation Cohort 3 Application Due March 22

Application Deadline is March 22.

OSTEM announces a nationwide search for STEM or Education faculty or STEM Education staff employed at Minority-Serving Institutions (MSIs) to join NASA's OSTEM team on a two-year temporary assignment. Selectees will serve as part of Cohort 2 or 3 of the MSI Fellow Rotation Activity, which will be facilitated through the Intergovernmental Personnel Act (IPA) Mobility Program. [Learn more...](#)

For Job Seekers

Engineering PLUS Project Coordinator

Chicago State University is seeking applications for the Engineering Plus Project Coordinator position. The coordinator will serve as the fulcrum in building a multi-institutional partnership in the Midwest aimed at increasing the number of Black, Indigenous and other People Of Color (BIPOC) and women earning engineering degrees. See the job posting for full position responsibilities and benefits. [Learn more...](#)

UAlbany, SUNY Program Coordinator for the Science Technology and Entry Program (STEP)

The Research Foundation at University at Albany, SUNY is seeking a Program Coordinator for the Science Technology and Entry Program (STEP). UAlbany STEP has been funded for 37 years by the New York State Education Department and is currently funded through 2025. [Learn more...](#)

NSF AI Institute for Intelligent Cyber Infrastructure with Computational Learning in the Environment

The College of Engineering at The Ohio State University has a new position open for a recently funded \$20M NSF AI institute called the NSF AI Institute for Intelligent Cyber Infrastructure with Computational Learning in the Environment (<https://icicle.osu.edu/>). They are searching for a managing director to support to developing institute. Position has a targeted hiring range of \$99-133k. [Learn more...](#)

Engineering CAREER-LADDER Positions Missouri DOT

A day in the life: Engineering openings are CAREER-LADDER positions which offers the opportunity for career advancement without having to participate in the competitive selection interview process. Based on your work experience, skills, and education, you will be hired at either the entry, intermediate, or senior level of this job title. As you continue to learn, acquire new skills, and gain experience, you can be

promoted to a higher-level position. What you'll need for success: Bachelor's Degree in Engineering from an ABET-accredited college or university curriculum. [Learn more...](#)



Share Your Opportunities

Contact: Deb Cole

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