

April 12, 2024

COSM MONTHLY ANNOUNCEMENTS NEWSLETTER



Howl talking with Ms. McGregor
about our
Wildlife, Fisheries, and Conservation major!

COMEDY Corner

What did the sun say
when it reappeared after
an eclipse?

**“Pleased to heat
you again.”**

Submit your Math & Science jokes/memes to be
possibly featured in the next issue to
ksabin@astate.edu

This monthly newsletter is a great resource for all CoSM students to stay up to date on current Internships, Research Opportunities, Summer Programs, and so much more!



Internships

An internship provides you with experience related to your major. It is an opportunity to learn how to synthesize theory into practice.

Research Opportunities

Conduct research as individual as your interests. We have many outstanding researchers that are available to mentor students through their endeavors.

Summer Programs

There are many benefits to summer programs. You can explore your passions, keep your skills sharp, and access research opportunities to name a few.

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April 12, 2024

HIGHLIGHTED POST

Thank you to Dr. Sustich for these amazing photos of the eclpise!



April 12, 2024

RESEARCH OPPORTUNITIES



U.S. DEPARTMENT OF
ENERGY

ELECTRIFICATION TECHNOLOGY DEVELOPMENT FELLOW

Vehicle Technologies Office

APPLY NOW!



BENEFITS

- **COMPETITIVE STIPEND**
- **RELOCATION REIMBURSEMENT UP TO \$5,000**
- **\$10,000 TRAVEL/RESEARCH MATERIALS ALLOWANCE**
- **HEALTH INSURANCE**
- **FEDERAL HOLIDAYS OBSERVED**

What You Will Do

Under the guidance of a mentor...

INNOVATE

Collaborate with DOE employees and National Laboratory experts to reduce the carbon footprint of the 3 trillion vehicle miles traveled each day! Collect data and analyze the latest technology in modern applications of electrification.

ENGAGE

Engage in research efforts supporting increased electric vehicle charging and electrification with broader initiatives such as increased generation from renewables and grid modernization. Write and publish technical reports documenting the data, analysis, and resulting insights of work/projects performed.

EXPERIENCE

Organize workshops and conferences with key stakeholders and federal staff to augment R&D portfolio and suggest new initiatives to further transportation electrification and vehicle-grid integration.



DOE-RPP@orise.orau.gov

OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

RESEARCH OPPORTUNITIES

U.S. DEPARTMENT OF **ENERGY** | Office of ENERGY EFFICIENCY & RENEWABLE ENERGY

Industrial Efficiency and Decarbonization Office Fellow

APPLY TODAY!



OUR MISSION

IEDO is critical to putting the Nation on a pathway to achieve net-zero carbon emissions by 2050 and necessary for a national program of research and workforce development to drive energy, materials/production efficiency, and decarbonization across the industrial sector.

Benefits

- Competitive Stipend
- Relocation reimbursement up to \$5,000
- \$10,000 Travel/Research Materials Allowance
- Health Insurance
- Federal holidays observed



DOE HEADQUARTERS WASHINGTON, D.C.



Drive Innovation in U.S. manufacturing and clean energy



Collaborate with National Lab experts and federal employees



New materials, waste reduction, and recycling technologies

 DOE-RPP@ORISE.ORAU.GOV

 OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION

RESEARCH OPPORTUNITIES

Advanced Materials and Manufacturing Technologies Office U.S. Department of Energy

EE RE

Location



Washington, DC
DOE Headquarters

Benefits

Fellows will be eligible for:

- Stipend
- Health Insurance
- Relocation Reimbursement up to \$5,000
- \$10,000 Travel and Research Materials Allowance
- Federal Holidays Observed

What Will You Do?

Under the guidance of a mentor...

Energy Policy and Analysis:



Provide input for analysis on industrial decarbonization, circular economy, and workforce development and assess the potential for next generation materials and processes

Innovation



Evaluate approaches to achieve practical minimum energy requirements and minimum lifecycle energy to manufacture and deploy next generation technologies and identify new materials efficiency, waste reduction and recycling technologies

Communication:



Engage with DOE staff and National Laboratory experts to prepare and present written and oral briefings and reports to senior program staff, DOE leadership, external partners and industry stakeholders.



 DOE-RPP@orise.orau.gov
<https://www.zintellect.com/Opportunity/Details/DOE-EERE-STP-AMMTO-2023-1000>



April 12, 2024

RESEARCH OPPORTUNITIES

Electric Vehicles Charging Fellow

Apply Today! <https://www.zintellect.com/Opportunity/Details/DOE-EERE-STP-JOET-2022>

The Electric Vehicles Charging Fellow opportunity with the Joint Office of Energy and Transportation is now accepting applications.

What will I be doing?

You will be provided with the opportunity to participate in JOET projects and be mentored by experienced JOET staff. JOET also supports fellows in pursuing further professional development opportunities, such as trainings, workshops, and conferences. Interacting closely with their JOET mentor(s), the fellows will learn how to:

- Review, manage, and make recommendations on the EV charging proposals for the National Electric Vehicle Infrastructure Formula and Grant Programs as executed by the Federal Highway Administration.
- Build relationships to engage programs and public-private partnerships to increase the speed of transitioning to EVs and deploying the supporting infrastructure.
- Engage in critical aspects of the Joint Office of Energy and Transportation's mission.
- Conduct technical reviews of projects funded by the Joint Office.
- Draft key documents summarizing program strategy and accomplishments, technoeconomic analysis to inform the Joint Office activities.
- Collaborate and direct the modeling and analysis of vehicle charging infrastructure and electric grid integration.
- Organize meetings, workshops, and conferences to solicit feedback from expert stakeholders on the Joint Office activities
- Engage on the development and implementation of standards and requirements for EV charging to ensure a high-quality driver experience.
- Collaborate with DOE, DOT and other agencies on EV charging plans, transit and school bus electrification, research, and reports.
- Review and analyze project progress and other technical reports.
- Engage with DOE to communicate with researchers to address questions and issues that arise.
- Collaborate on the scoping of key demonstration and proof of concept projects that will enable and accelerate the Joint Office vision.

Why should I apply?

You will become part of a group of highly-trained scientists and engineers with the education, background, and experience to be part of the workforce that supports the DOE's mission in the future. You will enhance your education and training in electric vehicle and energy policy, increase your marketability in these disciplines, collaborate with top scientists and engineers, and gain insight into career opportunities through your experiences and under the leadership of your mentor.

Where will I be located? Washington, D.C.

The details:

You will receive a competitive stipend, an allowance to offset the costs of health insurance, research travel and materials up to \$10,000, and relocation expenses reimbursement up to \$5,000.

You must be a U.S. Citizen or Lawful Permanent Resident and completed or be in the process of completing a bachelor's, master's, or doctoral degree.

Program Website: <https://www.energy.gov/eere/education/energy-efficiency-and-renewable-energyscience-technology-and-policy-program>

Questions? Email DOE-RPP@orise.orau.gov. Please list the reference code [DOE-EERE-STP-JOET-2022] for this opportunity in the subject line of your email.

April 12, 2024

RESEARCH OPPORTUNITIES

Let's Celebrate Research Together!

*Join us at Create@State **April 17-18, 2024***

**COLLABORATE
INNOVATE
CELEBRATE**

*Lead a themed session
Table in the lounge
Sponsor an event or mixer
Encourage students to present
Attend and Encourage Attendance!*

Student presentation abstract portal open **NOW** on InfoReady

CREATE @ STATE

A Symposium of Research, Scholarship & Creativity

Contact Kari Harris
kharris@astate.edu



Scan QR code to find out more!

RESEARCH OPPORTUNITIES



*Kansas State Department of Entomology
Master's Research Assistantship Available*



The Kansas State University Department of Entomology and the USDA – Agricultural Research Service in Manhattan, Kansas is seeking a graduate research assistant to work on a multi-state, multi-institutional research project focusing on improving the efficacy of methyl bromide alternatives in shipping containers. This is a unique opportunity to work with a diverse cohort of faculty and researchers at the state and federal level and across a broad range of disciplines.

The aim of the research project is to improve IPM tools and tactics to reduce infestations in shipping containers destined for national and international locations. The student will work with entomologists and agricultural engineers to 1) evaluate the efficacy of fumigations and penetration characteristics of the fumigant, 2) efficacy of contact insecticides across multiple surfaces and temperatures, and 3) efficacy of insecticide incorporated packaging on preventing infestation and population dynamics during storage. Students will have the opportunity to engage with stakeholders, participate in academic and industry meetings, and conduct field work.

Required skills and qualifications:

- Applicants must have earned an undergraduate degree in entomology, agricultural engineering, biology, grain science, agricultural, or a related discipline from an accredited university.
- Individuals must show initiative, motivation, and work within a group
- Applicants should have good verbal and written communication skills
- Strong interests include: insect pest management, insect toxicology, insect physiology, grain science, and agricultural engineering.
- Research will be completed in a USDA/Federal Facility and at Kansas State University and applicants must successfully complete additional background screening and meet requirements for working in federal facilities

Preferred skills and qualifications

- Experience with Microsoft Office Suite
- Experience conducting research (designing experiments, collecting and analyzing data, statistical analysis, and scientific writing)
- Experience conducting independent research
- Candidates who have already completed or will complete B.S. degree by spring 2024 are encouraged to apply. Applications are due prior to April 30, 2024, for the admission into the KSU Graduate School in summer or fall 2024.

Please send a letter of interest describing your qualifications, research background, resume/CV, TOFEL scores for international applicants, and the contact information for three letters of reference. Stipend, tuition assistance, and benefits will be provided. Applications can be submitted to Dr. Kun Yan Zhu (kzhu@ksu.edu) or Dr. Deanna Scheff (deanna.scheff@usda.gov).

You can find more information about the Department of Entomology at <https://entomology.k-state.edu/>.

RESEARCH OPPORTUNITIES

NCAVC SUPPORT

The National Center for the Analysis of Violent Crime (NCAVC) accomplishes its mission through the support in expertise of the five BAUs:



BAU-1: Counterterrorism & Threat Assessment

Provide behaviorally-based investigative and operational support to complex and time-sensitive crimes and other matters of significance involving acts or threats of violence.

BAU-2: Cyber Crimes & Counterintelligence

Provide critical operational support to complex cyber and counterintelligence investigations.

BAU-3: Crimes Against Children

Provide behaviorally-based investigative and operational support to complex and time-sensitive crimes and other matters of significance involving crimes perpetrated against child victims.

BAU-4: Crimes Against Adults & Violent Criminal Apprehension Program (VICAP)

Provide behaviorally-based investigative and operational support to complex and time-sensitive crimes and other matters of significance involving crimes perpetrated against adult victims.

BAU-5: Research & Program Management

Provide support to BAU Coordinators in FBI field offices and personnel in the four operational units, working closely with each BAU to set strategy for NCAVC to ensure that it remains on the cutting edge of behaviorally-based investigations and analysis.



Anytime. Anywhere.

NATURE OF APPOINTMENT

The participant will not enter into an employee/ employer relationship with Oak Ridge Institute for Science and Education (ORISE), Oak Ridge Associated Universities (ORAU), Department of Energy (DOE), Federal Bureau of Investigation (FBI), Critical Incident Response Group (CIRG), or any other office or agency. Instead, the participant will be affiliated with ORISE for the administration of the appointment through the ORISE letter of appointment and Terms of Appointment.

WHERE WILL I BE LOCATED?

The CIRG ORISE research fellowship is located near Quantico, Virginia.

FBI EMPLOYMENT REQUIREMENTS

Applicants must meet all FBI Employment Requirements, pass an FBI Background Investigation, and receive a Secret Security Clearance. There are specific elements that will automatically disqualify job candidates for employment with the FBI. For detailed Employment Eligibility and Employment Disqualifiers visit: www.fbijobs.gov/eligibility

HOW TO APPLY

The research fellowship is an FBI-sponsored education program in partnership with the Oak Ridge Associated Universities (ORAU) and is administered by the Oak Ridge Institute of Science and Education (ORISE). Qualified applicants must apply directly to ORISE. The final selection is made by FBI CIRG.



Or visit: www.zintellect.com/Opportunity/Details/FBI-CIRG-2024

Further questions?
Please contact: FBIrpp@orau.org

U.S. Department of Justice
Federal Bureau of Investigation



ORISE

OAK RIDGE INSTITUTE
FOR SCIENCE AND EDUCATION

RESEARCH PARTICIPATION PROGRAM

Behavioral Analysis Unit-5
Critical Incident Response Group
Federal Bureau of Investigation

April 12, 2024

RESEARCH OPPORTUNITIES



Ecosystem Field Studies (EcoFS) is thrilled to announce the return of our summer, 3-credit field courses:

Caribbean Ecosystem Field Studies

Colorado Ecosystem Field Studies



Get your undergrads in nature, breathing fresh air, earning credit and enjoying an inspiring field course in the safest of all classrooms: the outdoors!

EcoFS courses are a valuable complement to students' classroom knowledge and an excellent opportunity to practice scientific field research skills. The courses are accredited for 3 undergraduate semester credits by the University of Montana at Missoula, Environmental Studies Program (ENST 391) where I am Affiliate Faculty. Undergrads of any year in an ecosystem related departments/majors such as yours are welcome to apply. There is no set deadline to apply. Feel free to review all course info at the EcoFS website: www.ecofs.org

[EcoFS Website](#)

I am respectfully asking for your help!

Can you please help by distributing the message to your undergrads by one or more of the following ways:

1. Forward this email directly to your undergrads
2. Copy/paste below text message into an email
3. Print & post the below flyer links or email the flyer

Your assistance is essential in getting the word out to potential students. Thank you for your support in making this safe & rewarding field opportunity available to your undergrads. This is EcoFS' 15th year of programming to over 700 satisfied students and we hope to serve some of yours.

Some college advisors have requested a Zoom presentation which have been very helpful. If you would like EcoFS to provide a short video presentation on our programs please let me know. Additionally if there is any way to further integrate into your curriculum I am open to ideas.

You can view & download course syllabi at the links below:

[Colorado EcoFS Syllabus](#)

[Caribbean EcoFS Syllabus](#)

April 12, 2024

RESEARCH OPPORTUNITIES



Cardiovascular Disease Research Workshop

May 22, 2024 9:00AM-2:00PM

Did you know that in 2020 there were 8,621 deaths due to heart disease in Arkansas? Arkansas was the 4th among all states for highest heart disease mortality. Are you curious to know what training is needed for a career in cardiovascular disease research? If so, we invite you to participate in a one-day workshop hosted by the IDeA Network of Biomedical Research Excellence (INBRE) at the University of Arkansas for Medical Sciences (UAMS).



The workshop will help students understand the role of research in contributing to the development of evidence based methods for prevention and treatment of cardiovascular disease.

- 1) Physicians will describe selected disease cases and outcomes
- 2) Scientific teams will provide a sampling of different aspects of cardiovascular disease research
- 3) Expert panel discussion on new strategies for preventing and treating cardiovascular disease in the future.

Audience: Undergraduate students attending College/University in Arkansas and Arkansas residents attending an out of state college/university
The workshop is limited to 30 student participants. The event will take place at the Active Learning Center on the UAMS campus.

Register [Here](#)



UAMS
University of Arkansas for Medical Sciences

GRADUATE OPPORTUNITIES

UNIVERSITY OF ALABAMA AT BIRMINGHAM



ACCEPTING APPLICATIONS

"Forensic Science is a rewarding career where the love of Science can be applied to the good of society, public health, and public safety." (AAFS)

MASTER OF SCIENCE IN FORENSIC SCIENCE



Girls in Science & Engineering Day

Find more information at www.uab.edu/forensicscience

Apply at <https://cloud.reach.uab.edu/graduate-application>

- ⇒ The UAB MSFS is one of the oldest forensic science programs in the country and has been accredited since 2009.
- ⇒ Coursework includes Forensic Chemistry, Toxicology, DNA, and Criminalistics.
- ⇒ Student research projects have included extracted DNA from blood in soil, determining firing distance, analyzed date rape drugs in beverages, and identified individuals by analyzing the human biome.
- ⇒ Internships are available (after your research is completed) at the Alabama Department of Forensic Sciences and the Jefferson County Medical Examiner's Office.



Forensic Science faculty in a mock crime scene and the lab.



AL Assoc. of Forensic Science conference at Gulf Shores

Calling **Chemistry and Biology majors** to apply for the Master of Science in Forensic Science (MSFS) at UAB.

Contact **Dr. Elizabeth Gardner**

Email: eagard@uab.edu
www.uab.edu/forensicscience

GRADUATE OPPORTUNITIES



Community Energy Fellowship Program

What will I be doing?

Fellows will be embedded in communities around the country and will bring new perspectives and skills into local governments and tribes. Fellows will be assigned to selected local governments or tribes, or teams of them, that are participating in the Energy Efficiency and Conservation Block Grant (EECBG) Program. Under the guidance of the Host mentor, Fellows will learn while providing technical expertise and support to hosts in the creation, administration, and launch of new clean energy projects and programs as funded through the EECBG program.

Learn

Research & Analysis



Stakeholder Relations



Communication & Policy



Apply Now

Participants will receive a stipend based on their academic and professional background. Stipend ranges are as follows:

- Associates or Bachelor's: \$51,700-\$83,000
- Master's: \$62,900-\$91,000
- Doctorate: \$69,100-\$110,000

Participants may also receive:

- Health Insurance Supplement
- Dislocation Supplement
- Travel/Training Allowance

Location

Fellows are expected to live in their host communities or within commuting distance; including but not limited to:

Buffalo, NY | Burns Paiute Tribe, OR | Choctaw Nation of Oklahoma
Decorah, IA | Durham County, NC | Eagle County, CO | Kittery, ME
Littleton, MA | MOWA Band of Choctaw Indians, AL | Nenana, AK
New Orleans, LA | Peterborough, NH | Shelby County, TN



OAK RIDGE INSTITUTE FOR SCIENCE AND EDUCATION



CEFP@orise.orau.gov



<https://zintellect.com/Opportunity/Details/DOE-STP-SCEP-CEFP-2024>

GRADUATE OPPORTUNITIES



The poster features a blue and white color scheme with a background image of a city skyline. At the top right is the FBI seal. The main title 'FBI Counterterrorism and Forensic Science Research Unit' is prominently displayed. The content is organized into sections: 'ABOUT THE OPPORTUNITY', 'LOCATION', and 'ELIGIBILITY/BENEFITS'. A QR code is located in the bottom left, and contact information is at the bottom.

Fellowship Opportunity

FBI Counterterrorism and Forensic Science Research Unit



ABOUT THE OPPORTUNITY

The Federal Bureau of Investigation (FBI) Counterterrorism and Forensic Science Research Unit (CFSRU) provides technical leadership for the FBI as well as for other law enforcement and intelligence agencies through applied research and development.

Under the guidance of a mentor, you may be involved in some or all of the following:

- Conducting searches of scientific literature
- Designing experimental plans
- Conducting field tests
- Performing analytical laboratory analyses
- Analyzing instrumental data/documenting results
- Preparing and presenting research findings to diverse audiences, both orally and in writing

LOCATION



Quantico, VA

ELIGIBILITY/BENEFITS

To be eligible, participants must:

- Be a U.S. Citizen
- Must have completed requirements for a bachelor's, master's, or Ph.D. within the last 5 years. Some exceptions may apply.
- Undergo an extensive FBI background investigation and meet suitability criteria.

Participants benefits to include:

- Competitive stipend
- Relocation allowance, not to exceed \$1,000
- Travel allowance up to \$5,000.



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April 12, 2024

GRADUATE OPPORTUNITIES




US Department of Energy
OFFICE OF SPENT FUEL AND WASTE DISPOSITION
2024 Fellowship Opportunity

Gain Experience

Learn About

Spent Nuclear Fuel Transportation



The **historical** and **current impacts** of policy and politics regarding **spent nuclear fuel** and high-level **radioactive waste management**, the role of the **US Department of Energy** in spent nuclear fuel management; learning about **outreach** and **public engagement** related to **spent nuclear fuel management** and the Department's projects and plans.

Eligibility/Benefits

Applicants must:

- Be a US Citizen or a Lawful Permanent Resident
- Be 18 years of age
- Have a Master's or Doctoral degree in engineering by the start of the appointment—with an overall GPA of at least 3.0

During the appointment, participants may receive:

- Stipend starting at \$750/week. Stipends will be determined based on academic standing, discipline, experience, and research facility location
- Health insurance supplement
- A relocation allowance, not to exceed \$1,000



APPLY TODAY!

Application Deadline

April 22, 2024 @3PM Eastern Time Zone

ORNL
Oak Ridge Institute
for Science and Education



DOE-RFP@orise.orau.gov



<https://www.zintellect.com/Opportunity/Details/DOE-STP-NE-SFWD>

April 12, 2024

GRADUATE OPPORTUNITIES

BUDGET, POLICY, AND PROJECT RESEARCH FELLOW

BUILDING TECHNOLOGIES OFFICE



U.S. DEPARTMENT OF
ENERGY



BENEFITS:

- Competitive Stipend
- Relocation up to \$5,000
- \$10,000 Travel/Research Allowance
- Health Insurance
- Federal Holidays Observed
- Hybrid Participation Schedule



ENGAGE IN IMPLEMENTATION OF ENERGY POLICY BY APPLYING EXPERTISE TO THE DEVELOPMENT OF SOLUTIONS



PARTICIPATE IN REVIEW AND ANALYSIS OF LEGISLATION, INCLUDING APPROPRIATION LANGUAGE AND DEVELOP MODELS, ANALYSES AND REPORTS USING ACQUIRED DATA



COLLABORATE ON PREPARATION OF DETAILED ANNUAL OPERATING PLAN (AOP) FOR BTO'S ACTIVITIES AT DOE NATIONAL LABS AND WITH CONTRACTORS

**APPLY
TODAY!**



DOE-RPP@ORISE.ORAU.GOV



OAK RIDGE INSTITUTE
FOR SCIENCE AND EDUCATION

Shaping the Future of Science

GRADUATE OPPORTUNITIES

C3E INITIATIVE FELLOW

CLEAN ENERGY EDUCATION & EMPOWERMENT INITIATIVE

Location



Washington, DC



U.S. DEPARTMENT OF
ENERGY



OAK RIDGE INSTITUTE
FOR SCIENCE AND EDUCATION
Shaping the Future of Science



INNOVATE

Develop professionally while participating in policy-related projects at DOE.



ENGAGE

Further C3E efforts to close the gender gap and increase participation, leadership, and success of women in clean energy.



COLLABORATE

Forge new clean energy partnerships, encourage multi-agency collaboration, and engage with top scientists, increasing your marketability in these disciplines.

Apply Now

[https://www.zintellect.com/
Opportunity/Details/DOE-
EERE-STP-OB1-2024-2200](https://www.zintellect.com/Opportunity/Details/DOE-EERE-STP-OB1-2024-2200)



Eligibility

- US Citizen or Lawful Permanent Resident
- Completion of a Bachelor's, Masters, or Doctoral degree in eligible discipline

Benefits

- Competitive stipend
- Relocation up to \$5,000
- \$10,000 travel/research allowance
- Health insurance
- Federal holidays observed
- Hybrid participation schedule

Contact

Email:
DOE-RPP@orise.orau.gov

April 12, 2024

GRADUATE OPPORTUNITIES



UNIVERSITY OF
ARKANSAS

College of Education and Health Professions
Department of Health, Human Performance and Recreation
HPER Building • University of Arkansas • Fayetteville, AR 72701 • 479-575-2897 • Fax: 479-575-5778

The Energy Availability and Muscle Metabolism (EAM²) laboratory, led by Dr. Megan Rosa-Caldwell, is recruiting Ph.D. students to start in Fall 2024, Spring 2025 or Fall 2025. The EAM² lab seeks to understand physiological and biological alterations during severe energy restriction, such as during anorexia nervosa and how these changes influence short-term and long-term health. The laboratory is housed within the [University of Arkansas Exercise Science Research Center](#) within the [Department of Human Health, Performance and Recreation \(HHPR\)](#). Dr. Rosa-Caldwell also has a dual appointment within the [Cell and Molecular Biology program](#) where students can also apply.

Students will be mentored by Dr. Rosa-Caldwell and have opportunities to collaborate with leading experts in the field of muscle biology within the department and across the university. Graduate assistantships through the department are available as well as additional fellowships to augment student stipends. For more information please see [here](#).

Founded in 1871, the University of Arkansas is a land grant institution, classified by the Carnegie Foundation among the nation's top 2 percent of universities with the highest level of research activity. The University of Arkansas works to advance Arkansas and build a better world through education, research, and outreach by providing transformational opportunities and skills, promoting an inclusive and diverse culture and climate, and nurturing creativity, discovery and the spread of new ideas and innovations.

The University of Arkansas campus is located in Fayetteville, Arkansas a welcoming community ranked as one of the best places to live in the U.S. The growing region surrounding Fayetteville is home to numerous Fortune 500 companies and one of the nation's strongest economies. Northwest Arkansas is also quickly gaining a national reputation for its focus on the arts and overall quality of life.

Interested applicants can send their CV and a short (1 paragraph- 1 page) statement of their research interests to mrosa@uark.edu with the subject line "Graduate Student Application."

Please email mrosa@uark.edu with any questions.

April 12, 2024

GRADUATE OPPORTUNITIES



New Mexico
LEEP
the future. faster.

2024 NEW MEXICO
Lab-Embedded Entrepreneur Program

The New Mexico Lab-Embedded Entrepreneur Program (NM LEEP) matches entrepreneurs with seed capital; a large network of mentors, customers, and investors; and the unique expertise and resources of Los Alamos National Laboratory (Los Alamos) and Sandia National Laboratories (Sandia).

ELIGIBILITY

To be eligible for this opportunity, participants must:

- Be a US Citizen or Lawful Permanent Resident
- Be 18 years of age
- Have completed a bachelor's, master's, or doctoral degree
- **Relocate to New Mexico for at least the duration of the 2-year program**



APPLY TODAY

Application Deadline:
April 22, 2024 11:59PM Mountain Time

Information Webinar:
March 19, 2024, 3:00PM Mountain Time
[Click Here to Register](#)

BENEFITS

Annual stipends range from **\$54,000-120,000**. Fellows will also receive:

- Health Insurance Reimbursement
- Travel/Training Allowance
- Relocation allowance



nmleep@lanl.gov



<https://nmleep.com>

April 12, 2024

GRADUATE OPPORTUNITIES

U.S. DEPARTMENT OF **ENERGY** | Office of ENERGY EFFICIENCY & RENEWABLE ENERGY

Industrial Decarbonization Fellowship

OUR MISSION

IEDO is critical to putting the Nation on a pathway to achieve net-zero carbon emissions by 2050 and necessary for a national program of research and workforce development to drive energy, materials/production efficiency, and decarbonization across the industrial sector.



Drive Innovation in U.S. manufacturing and clean energy



Collaborate with National Lab experts and Federal employees



New materials, waste reduction, and recycling technologies

APPLY TODAY!



DEADLINE:
JULY 15

Benefits

- Competitive Stipend
- Relocation reimbursement up to \$5,000
- \$10,000 travel/research materials allowance
- Health insurance
- Federal holidays observed
- Hybrid schedule



WASHINGTON, D.C.

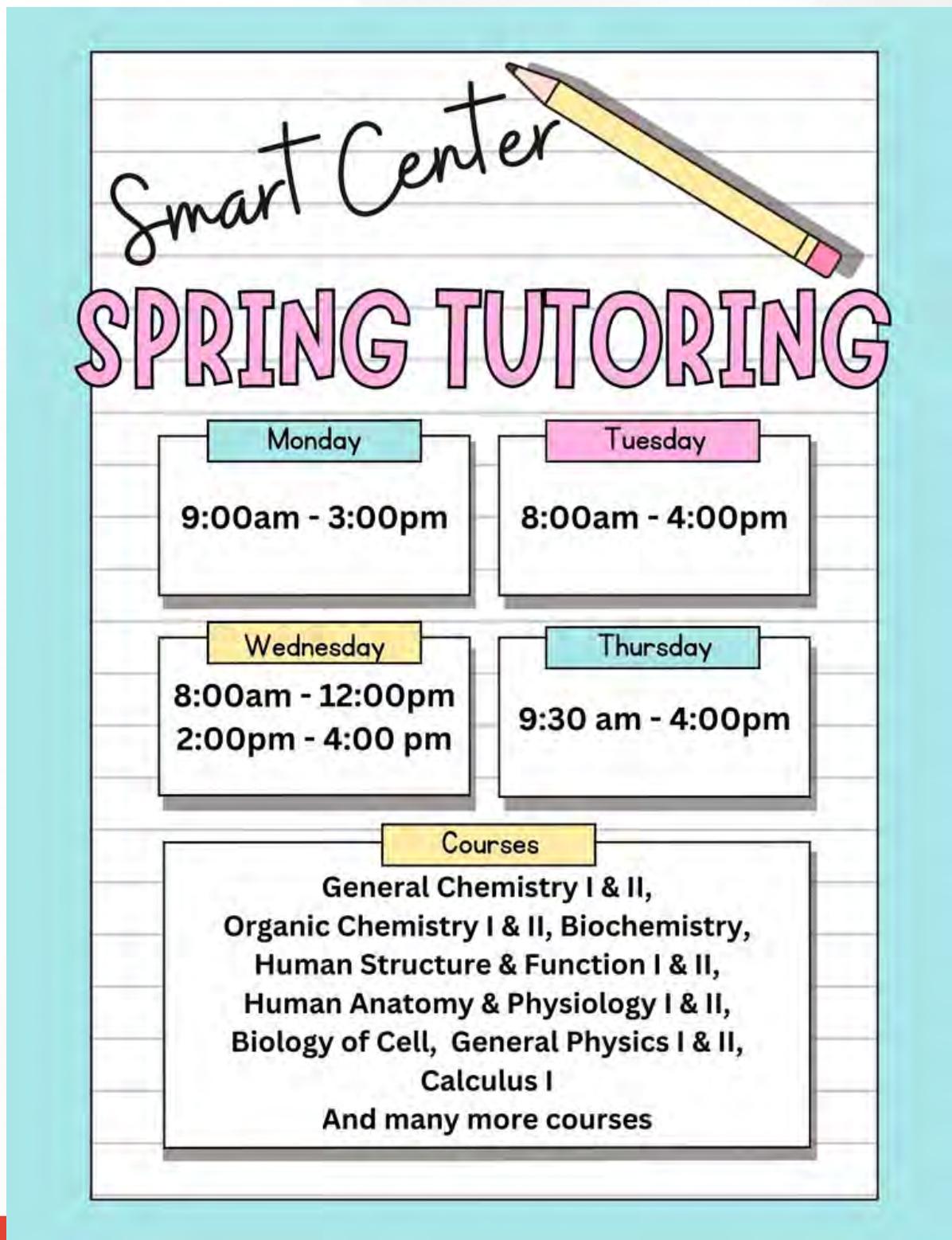


DOE-RPP@ORISE.ORAU.GOV



OAK RIDGE INSTITUTE
FOR SCIENCE AND EDUCATION

OTHER OPPORTUNITIES



A poster for Smart Center Spring Tutoring. The title 'Smart Center' is written in cursive at the top left, with a yellow pencil pointing towards it. Below the title, 'SPRING TUTORING' is written in large, pink, bubbly letters. The poster lists tutoring hours for Monday, Tuesday, Wednesday, and Thursday. At the bottom, a box titled 'Courses' lists various subjects including General Chemistry, Organic Chemistry, Biochemistry, Human Anatomy & Physiology, Biology of Cell, General Physics, and Calculus I.

Smart Center

SPRING TUTORING

Day	Time
Monday	9:00am - 3:00pm
Tuesday	8:00am - 4:00pm
Wednesday	8:00am - 12:00pm 2:00pm - 4:00 pm
Thursday	9:30 am - 4:00pm

Courses

General Chemistry I & II,
Organic Chemistry I & II, Biochemistry,
Human Structure & Function I & II,
Human Anatomy & Physiology I & II,
Biology of Cell, General Physics I & II,
Calculus I
And many more courses

OTHER OPPORTUNITIES

Tutor Schedule Spring 2024

Time	Monday	Tuesday	Wednesday	Thursday	Friday - Tutoring Center Closed
8am - 9am		Courtney	Alexx		
9am - 10am	Armari	Alexx (9:30), Braden (9:30), Courtney	Alexx, Armari	Alexx (9:30), Braden (9:30)	
10am - 11am	Diana, Ethan, Matthew	Alexx, Braden, Courtney	Anna, Ethan, Matthew	Alexx, Braden	
11am - 12pm	Ethan	Anna, Braden	Anna, Ethan	Armari, Braden	
12pm - 1pm	Marin	Anna		Armari	
1pm - 2pm	Marin, Matthew	Courtney		Armari, Marin	
2pm - 3pm	Matthew	Courtney, Diana, Matthew	Anna	Diana, Marin	
3pm - 4pm		Diana, Ethan	Marin	Diana	

Subject

Human Structure & Function I & II
Anna, Courtney, Diana,
Braden (HSF I Only)

Microbiology
Alexx, Anna, Diana

Biochemistry
Anna, Alexx, Braden,
Diana, Matthew

Biology of Animals
Anna, Armari,
Braden, Courtney,
Diana, Ethan

Biology of Plants
Anna, Armari,
Braden, Courtney,
Diana, Ethan

Fund. Concepts of Organic & Biochemistry
Marin

Pre-Calculus
Armari

Biology of the Cell
Anna, Armari, Alexx,
Braden, Diana, Ethan,
Matthew

Genetics
Alexx, Courtney,
Diana, Ethan

Calculus I
Armari, Diana,
Marin

Fund. Concepts of Chemistry
Armari, Marin

Organic Chemistry 2
Armari, Marin,
Matthew

Physics 1
Alexx, Braden,
Courtney, Matthew

General Chemistry 2
Armari, Courtney,
Matthew

Intro to Space Science
Matthew

Human Anatomy & Physiology I & II
Anna, Courtney, Diana,
Braden (A&P I Only)

Ecology
Alexx, Diana,
Ethan, Marin

Physics 2
Courtney, Marin, Matthew

Pathophysiology
Anna

Survey of Physics for HP
Braden, Courtney, Matthew

University Physics I
Matthew

General Chemistry I
Armari, Braden, Courtney,
Marin, Matthew

Organic Chemistry I
Braden, Marin,
Matthew

General Biology
Diana

April 12, 2024

OTHER OPPORTUNITIES



UTHSC
DENTISTRY

UTHSC ASDA'S PRE-DENTAL DAY

Come tour the College of Dentistry,
get advice from admissions, and learn
more about life in dental school!

May 4th, 2024 8 a.m. - 3 p.m.

Delta Dental of Tennessee Building
875 Union Avenue
Memphis, TN 38103

For More Information :

 uthscpredental@gmail.com

Registration fee:
\$150



April 12, 2024

OTHER OPPORTUNITIES



HEALTHCARE INNOVATION SPRINT



MAY 13-16, 2024



**UNIVERSITY OF
CENTRAL ARKANSAS**



- An immersive training program in which you'll learn about healthcare innovation, how to identify potential problems, talk to key stakeholders and customers to gather information, and develop solutions.
- The Healthcare Innovation Sprint is all-expenses-paid for accepted students.
- Eligible students must be a junior, senior, or in a post-graduate program from an Arkansas college or university.
- Visit arconductor.org/sprint for more information.



April 12, 2024

OTHER OPPORTUNITIES



ABRCMS

ePoster Spring Symposium
for Emerging Scientists

April 25, 2024 | Virtual

Participate in a Free Virtual Scientific Spring Symposium

Who?

- High School Students
- Community College Students
- Undergraduate First-Year Students
- And those who want to support them!

What?

- Submit an Abstract
- Showcase your Research
- Receive Feedback
- Compete for Awards
- Network
- Join the ABRCMS Community
- Hear scientific oral and e-poster presentations

When?

Abstract Submission Deadline
March 20, 2024

ePoster Spring Symposium
April 25, 2024 | 4:00-8:00 p.m. ET

Got Research?

- Biochemistry and Molecular Biology
- Cancer Biology
- Cell Biology
- Chemistry
- Computational and Systems Biology
- Developmental Biology and Genetics
- Engineering, Physics and Mathematics
- Immunology
- Microbiology
- Neuroscience
- Physiology and Pharmacology
- Social and Behavioral Sciences and Public Health

Questions?

abrcms@asmusa.org

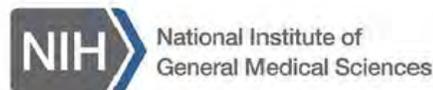
For more information visit:



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OTHER OPPORTUNITIES

MINORITY EDUCATIONAL INSTITUTION STUDENT PARTNERSHIP PROGRAM



Learn



Network



Experience



BENEFITS

- Weekly Stipend
- Housing Allowance
- Relocation Allowance
- Free trip to Washington, D.C. for orientation

ELIGIBILITY

- US Citizen
- Currently enrolled or recently graduated (SP22 or later) from an eligible Minority Serving Institution
- Minimum 3.0 GPA



ATTEND OUR WORKSHOPS



ALL MAJORS WELCOME!

APPLY NOW!



OTHER OPPORTUNITIES

College of Sciences & Mathematics

CAREER DEVELOPMENT Workshops

Need help with your Resume?
Want to Practice for a Professional Interview?



09:00AM-4:00PM



LSW 437



Wed. January 31
Mon. February 19
Tue. March 5
Mon. April 8
Tue. April 23



Drop In Sessions! Stop in when you
can, stay as long as you need!

OTHER OPPORTUNITIES



NAIL FINALS

*April 17th
from noon-4pm
Nail polish and parts of
cars will be provided*



PAINT YOUR
NAILS



BUILD A
WOODEN
VEHICLE TO
DESTRESS



BOOK YOUR
APPOINTMENTS
WITH TUTORS

Drop-in Event

*Organized by
Learning Support Services*

LOCATION:
LIBRARY 3RD FLOOR



April 12, 2024

OTHER OPPORTUNITIES

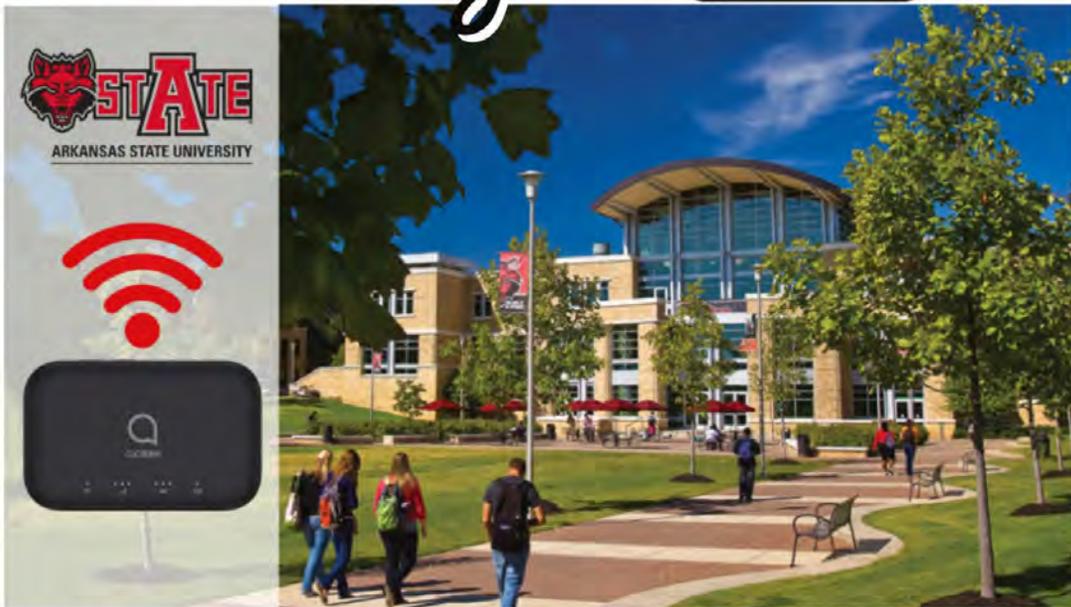
Apply to become a Leadership Intern in the Women's Leadership Collaborative/Women's Business Leadership Center for the 2024-5 school year at 2024-5 WLC/WBLC Leadership Intern Application.

We accept graduate students and undergraduates at all levels (Freshmen-Seniors) and in all majors. We hope to review the first round of applications around April 23, so please encourage your students to apply before then. Some Leadership Interns spend an average of about 4 hours per month working and participating in career and leadership development activities in the WLC/WBLC program; although others choose to travel with us and/or engage in extra service activities for many additional hours. All women at our university can benefit!

April 12, 2024

OTHER OPPORTUNITIES

WIFI *on the go*



Stay connected whenever, wherever with Wifi on the Go powered by T-Mobile!

With Wifi on the Go, you'll get unlimited internet access and a free 5G personal hotspot for just \$50 per month with no contract.

**EXCLUSIVE
PERK FOR A-STATE
EMPLOYEES
AND STUDENTS**

OTHER OPPORTUNITIES



EMERGING SCHOLARS PROGRAM

News and Notes

April 2024

Featured students:

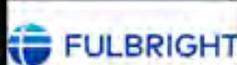
Twenty-two students received Red Wolf Works Signature Experience distinction during the 2023-24 academic year. Congratulations to these students! Each of them will receive a medal to wear at graduation at the Red Wolf Works awards during Convocation of Scholars this month.

Arvind	Kaylee Humphries
Ramsey Brower	J Jagriti
Grace Carter	Aayushi Jain
Carlos Efrain Cruz-Bahena	Dan Kilula
Morgan Diamond	Mollie McClain
Alexander Flores	Trishna Niraula
Natan Gomez	Rachel Rowold
Syed Hassan Haider	Noah Sanders
Gavin Hargrove	Krish Sharma
Nydia Hernandez	Jenny Strano
Sara Hernandez-Madriral	Rachael Wilson

COMPETITIVE AWARDS & OPPORTUNITIES



Now seeking applicants for these awards!



Fulbright U.S. Student Program

Rising seniors, current seniors, grad students, alumni; full funding to conduct research, teach English, or attend grad school abroad for 8-10 months



Tylenol Future Care Scholarship

Seniors planning to enroll in a graduate program in medicine, nursing, or pharmacy; awards of \$10,000 and \$5,000 available



AGFC Conservation Scholarship

Undergrads or grad students who are Arkansas residents and are pursuing natural resources conservation careers; open to majors in biology, wildlife, botany, agriculture, civil engineering, etc.



Many competitive awards don't have a GPA minimum! They also consider your experiences, activities, and future plans, and how a program will impact your academic, career, and personal goals!

DID YOU KNOW?

Contact:

Jennifer Salo
Director, Emerging Scholars Program
jsalo@AState.edu
LIB 147

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CONTACT US

Want to see your post in the next newsletter?

Please contact Kelly Sabin
with questions or suggestions:

ksabin@astate.edu

College of Sciences and Mathematics

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State University, AR 72467

Phone: (870) 972-4814

