Weekly ESS Center Announcements

Week of December 12, 2023

Please share as you feel appropriate.

These weekly announcements are sent out on Tuesdays.

If you would like us to include your information, please send it to yadeeh@unm.edu by Friday at 5 PM.

ESS HOTLINE: 505-277-4354 | E-mail: ess@unm.edu | Website: ess.unm.edu

SUMMARY

All of our events are FREE and you can... WIN a gift card. GAIN experience. BUILD your skill set. ENHANCE your resume.

• Upcoming Engineering Student Success Center Events and opportunities
  o This Week
    ▪ ESS tutors are here to help you prepare for finals
    ▪ Good luck wrapping up the semester.
  o New Announcements
    ▪ Food for Thought: We are never too busy for you
    ▪ Congrats to our graduates!
  o Next Week
Some much earned rest and relaxation

Coming Up

- Join our semester-long programs
  - Mentoring
  - Internships
  - Research

Reminders

- Faculty Highlight: Dr. Melanie Moses
- SoE UNITY (prev. EPICS@UNM) – Spring hands-on course

Other ESS Center/SoE News and Info

- Job/Research Opportunities/Scholarships
  - Join our Internship Programs

- Other UNM opportunities and news for STEM students

- Community news and opportunities

Stay informed via our web app:

“engineering your succESS”

SUCCESS.UNM.EDU

Shortcut “download” instructions:

https://success.unm.edu/menu/howToInstall/

Please share as you feel appropriate.
We have additional resources for Future Students [HERE](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAN1UKeT%2Bp0B3iYFwTKmyNi).

**Engineering Student Success Center Events:**

*All students are welcome to attend. You belong.*

More information can be found at [https://ess.unm.edu/events](https://ess.unm.edu/events) or through our web app ([succESS](https://ess.unm.edu/services/tutoring/)).

**This Week:**

- **ESS tutors are here to help you prepare for finals**
  …which are just around the corner! Don’t wait, come see them now. You can check out the supported courses and schedule through the [ESS tutoring webpage](https://ess.unm.edu/services/tutoring/) or through our [succESS web-app](https://ess.unm.edu/services/tutoring/).
• Good luck wrapping up the semester.

NEW ANNOUNCEMENTS:

• Food for Thought: We are never too busy for you

We see you

We are NEVER too busy to give you the support you need.
Congratulations to our graduates!

Congratulations to our Engineering & Computing Graduates!

From us at the

ENGINEERING STUDENT SUCCESS CENTER

Next Week:

- Some well earned rest and relaxation.

Enjoy your well earned

Rest & Relaxation

ENGINEERING STUDENT SUCCESS CENTER

Coming Up:
• Semester Long Programs: Mentoring. Internships. Research.
  o What: Semester Long Programs
  o Spring 2024 Deadlines: February 5.
  o More info:
    ▪ FLYER
    ▪ Mentoring. MORE INFO.
      ▪ Be a peer-mentor.
      ▪ Get a STEM professional as a mentor.
    ▪ Internships. MORE INFO.
    ▪ Research. MORE INFO.
      ▪ Student Research Experience Program.
      ▪ SoE UNITY.

REMINDERS:
• Faculty Highlights. See what our faculty study.

  Read about other highlights on our webpage dedicated to just this.

The most recent posting is for Dr. Malanie Moses within the Computer Science Department.
Dr. Melanie Moses's direct website: [https://moseslab.cs.unm.edu/](https://moseslab.cs.unm.edu/)

- **SoE UNITY (prev. EPICS@UNM) – Spring semester hands-on course**
  Need a tech elective class for the Spring semester? SoE UNITY can be just that!

  And, better yet... Do you want to GIVE BACK to the community, EARN CREDIT, and GAIN RESEARCH EXPERIENCE all at the same time?!

  *If you said “YES,” then join SoE UNITY Course/Program for Spring 2023.*

  Check out our website for more information. [https://goto.unm.edu/soeunity](https://goto.unm.edu/soeunity). We have some exciting projects in the works, too, they just aren’t updated on the website yet. And, feel free to email (soeunity@unm.edu) or call (505-277-9151) me (Yadéeh) with any questions. I hope you consider joining.

  But, to summarize a bit here:

  This is a 1 semester commitment that helps you get that hands-on research experience from the inception of an idea through the execution of the design. All options are geared towards students already admitted into their major program or who are eligible for upper division courses.

**Other ESS Center/SOE news and information:**

- **Quick Takes from the Dean - Week of December 11, 2023**

  - $50,000 in funding will be awarded at the annual Biodesign Pitch Competition on Dec. 12
  - COSMIAC honored as Space Valley Diversity in Business Champion
  - CBE staff member wins UNM Kindness Award
  - Graduate student selected for Oak Ridge National Laboratory research program
  - School of Engineering Convocation is Dec. 13. Find details here.

**Job/Research Opportunities/Scholarships**

*(See Previous Announcements below for additional opportunities)*

**Scholarships**

- Please visit ESS Scholarships for a full list – many are available to all, regardless of citizenship status:
  - Internal: [https://ess.unm.edu/programs/current-students/scholarships/internal.html](https://ess.unm.edu/programs/current-students/scholarships/internal.html)
  - External: [https://ess.unm.edu/programs/current-students/scholarships/external-scholarships/external.html](https://ess.unm.edu/programs/current-students/scholarships/external-scholarships/external.html)
JOB/RESEARCH OPPORTUNITIES

- Need help with a Resume or Cover Letter? We’ve got you covered. Please reach out to our very own Nada Abdelhack, our Job and Internship Placement Coordinator. Email: esscareers@unm.edu. Phone: 505-277-1403.

- Please visit ESS Internships and Jobs for a full list – some are available to all, regardless of citizenship status
  - Internal internship programs: https://ess.unm.edu/programs/current-students/internships/index.html
  - External Jobs & Internships: https://ess.unm.edu/resources/career.html

This includes our SPSP Internship Program. Are you a Junior, Senior, or Graduate student in an Engineering or Computing field? Learn more at https://goto.unm.edu/internships. Students are required to participate 12 weeks, 15 hours per week and will receive a stipend. Questions about the SPSP Internship Program? Contact Nada Abdelhack at esscareers@unm.edu, 505-277-1403
UNM Events/News

Check back next week.

Community Events/Opportunities

- Volunteers Needed for 2023 Science Olympiad!

We Need Volunteers! 2024 Central NM Science Olympiad
Saturday, January 27

University of New Mexico

We need volunteers for the following events:

- **Anatomy & Physiology** (*cardiovascular, lymphatic and excretory systems*)
- **Codebusters** (*cryptanalysis, use of historical and modern ciphers*)
- **Crimebusters & Forensics** (*forensic science*)
- **Optics** (*geometric and physical optics*)
- **Wind Power** (*alternative energy*)

What is Science Olympiad?

Science Olympiad is a national competition that brings together middle school and high school students to compete in STEM-oriented events.

What is an Event Supervisor?

An event supervisor is a volunteer with relevant expertise who manages an individual event of the competition. It can be a teacher, student (college or above), industry professional, past or present. Nearly anyone with a background in the event's topic is welcome!

What does an event supervisor do?

- Read and become familiar with the event rules.
- **For written events** - write a test adhering to rules and proctor the test at scheduled date and time. **For build events** - inspect and test student-built devices according to rules.
- Score the test or device and submit results to event staff.

What support is available to volunteers?

- Advice, insight, and other support are available from the competition coordinator as well as past and current event supervisors.
• Online resources for event supervisors available through the National Science Olympiad website.

If you have expertise and/or experience in any of the subject areas listed above and you are passionate about helping students succeed in STEM, please contact Erin at scifair@unm.edu for more information!

PREVIOUS ANNOUNCEMENTS

OTHER OPPORTUNITIES AND NEWS FOR STEM STUDENTS:

SOE & STEM Student Org Meetings and Campus Events

Check back next week

JOB/RESEARCH OPPORTUNITIES/SCHOLARSHIPS

Check out the ESS website pages dedicated to jobs, internships, and scholarships for more.

• AI4ALL Ignite Program

https://ai-4-all.org/ai4all-ignite/


What is AI4ALL?

AI4ALL is a national nonprofit that is transforming the pipeline of AI practitioners and creating a more inclusive, human-centered discipline. We empower students to be AI Changemakers by cultivating an environment where they develop skills in critical thinking and relationship-building, and expertise in responsible AI. AI4ALL champions the diverse next generation of AI changemakers through education, ethics, and relationship-driven networks.

What is AI4ALL Ignite?

APPLY HERE

AI4ALL Ignite provides undergraduate students the opportunity to

• Work on an AI portfolio project with mentorship and guidance from AI industry experts

• Present in a student symposium on their AI portfolio project and network with AI industry professionals.
- Participate in extensive and practical training in career readiness and the technical AI internship interview
- Train in mock AI technical interviews and network in opportunity chats with AI recruiters

**Eligibility and Deadlines:**

- Spring 2024 Cohort Early Application Deadline: December 15, 2023
- Spring 2024 Cohort Final Application Deadline: January 22, 2024

While all are welcome to apply, AI4ALL prioritizes students whose race, gender, or ethnicity has been historically excluded from AI: Black, Hispanic and Latinx, and Indigenous folks; and women, gender-expansive, and non-binary folks. You can find full eligibility on the AI4ALL Ignite website.

- **AFRL Scholars Application**
  Applications are due Wednesday, January 10, 2024, at 11:59 P.M. CST
  Helpful application hints:
  - Official transcripts are not required. Students can submit their most recent unofficial transcript.
  - Essay questions can be 150-200 words submitted in paragraph form.
  - Letters of Recommendation are optional but highly encouraged. References may submit letters of recommendation after an application has been submitted and certified by the applicant. Note: click the “Select” box for the letters students wish to include with their application.

Applicants can apply by pasting the link below in their browser or clicking the yellow “Apply Now” box.

Application link: https://afrlscholars.usra.edu/students/

- **NETL's SUMMER 2024 CHRES Internship Program**
The deadline has been set for January 31, 2024, at 5 p.m.

- **Summer Undergraduate Research Program - Great Lakes Bioenergy Research Center (GLBRC)**

  The Great Lakes Bioenergy Research Center (GLBRC), funded by the Department of Energy, is hosting undergraduate students to participate in our **10-week Summer Undergraduate Research Program (SURP)**.

  We encourage applications from undergraduate students from underrepresented communities in STEM interested in getting **hands-on mentored research experience at research-intensive universities**.

  Located on 3 campuses to choose from - Michigan State University and its affiliated Kellogg Biological Station, and the University of Wisconsin-Madison - program participants will benefit from a mentored experience in a scientific laboratory, attend professional development seminars and bioenergy-related field trips, and present their findings (poster and oral) at a research symposium.

  **Research opportunities in multiple disciplines** are available - biochemistry, plant biology, genetics, microbiology, engineering, ecology, crop sciences, and sustainability.

  You can find more details about these opportunities on our website at the link below. **Registration for each program is open until early 2024.**

  [https://www.glbrc.org/outreach/opportunities-undergraduate-research](https://www.glbrc.org/outreach/opportunities-undergraduate-research)

  Contact information for each program can be found on the corresponding webpage.

- **Scholarships Available for New Mexico Undergraduate Women**

  P.E.O. (Philanthropic Educational Organization) is an organization with 6,000 chapters and 225,000 women members in the United States and Canada. The scholarships below are offered by the state of New Mexico's P.E.O. Chapter.

  These scholarships are for female residents of New Mexico, they are merit based and require full-time status at an accredited institution.

  **Scholarship applications are due February 1st, 2024.** Scholarship recipients will be awarded for the 2024-2025 school year with funds made in 2 payments to their university at the beginning of each semester.
### Scholarships:

<table>
<thead>
<tr>
<th></th>
<th>Delilah Williams Scholarship</th>
<th>New Mexico State Women’s Scholarship</th>
<th>Jean Boswell Foundation Scholarship</th>
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</thead>
<tbody>
<tr>
<td><strong>College Requirements:</strong></td>
<td>At Freshman or Sophomore level for the 2024-2025 academic year at a NM institution.</td>
<td>At Junior or Senior level for the 2024-2025 academic year at any four-year college.</td>
<td>At Junior or Senior level for the 2024-2025 academic year at any four-year college.</td>
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<tr>
<td><strong>Judging Criteria:</strong></td>
<td>Scholastic ability, participation in school and community activities, potential to succeed.</td>
<td>Scholastic ability, participation in school and community activities, potential to succeed.</td>
<td>Scholastic ability, participation in school and community activities, potential to succeed.</td>
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<tr>
<td><strong>Scholarship renewable:</strong></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td><strong>Amount of scholarship:</strong></td>
<td>A minimum of $2,600.</td>
<td>A minimum of $2,600.</td>
<td>A minimum of $2,600.</td>
</tr>
<tr>
<td><strong>Payment of scholarship:</strong></td>
<td>Paid directly to the institution in two equal installments, one each semester.</td>
<td>Paid directly to the institution in two equal installments, one each semester.</td>
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</tr>
<tr>
<td><strong>Documents to apply:</strong></td>
<td>Application, Most recent official transcript, Letters of recommendation, Resume and, Personal statement.</td>
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<tr>
<td><strong>Other qualifications:</strong></td>
<td>Must be admitted to the institution to apply.</td>
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<td><strong>Deadline:</strong></td>
<td>February 1st</td>
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### Additional Loans and Scholarship Opportunities for Women:

For more information about the Philanthropic Educational Organization for women and their scholarships/loans, please visit their website at [https://www.peointernational.org](https://www.peointernational.org) and search under “P.E.O. Projects.” For questions on these scholarships or loans contact newmexicopeochapterad@yahoo.com.

- **Summer REU 2024 at Alabama State University**

  **PROGRAM INCLUDES**
  - Hands-on research in state-of-the-art facilities
  - Exciting projects from multidisciplinary faculty ([http://bioreu-alasu.org/](http://bioreu-alasu.org/))
  - Weekly career development seminars, workshops, and field trips
  - Group social activities
  - Presentations in research symposiums

**ELIGIBILITY**
- Undergraduate students majoring in science or engineering
- U.S. Citizen or permanent resident
- Minorities and women strongly encouraged to apply

**AWARD**
$600/week stipend
· Travel allowance
· Room and board

Application Deadline: March 8th, 2024

Program Dates: * May 20th to July 26th, 2024 (10 weeks) (*Dates are subject to change)

Complete applications should be submitted online at http://bioreu-alasu.org/apply/. For more information check our webpage (http://bioreu-alasu.org/) and QR code

UNM Events/News

Listed in Chronological Order

(Repeat/Continuous opportunities are not included)

- **UNM TimelyCare**
  Remember that as a UNM student, you have access to free, 24/7 virtual health care services and support through UNM TimelyCare, including on-demand medical care, mental health and emotional support, basic needs assistance, and health coaching. It’s another way of providing you with a wide range of resources that will help achieve a sense of well-being, live healthier lifestyles and improve mental health. But please don’t wait until you need it; set up your account now, so the moment you do need services or support, you’ll be ready to go.

- **LoboEats** *(developed by one of our very own CS students)*
  https://food.unm.edu/sustainability/lobo-eats/find-food.html
  You should start receiving notifications through the app after October 23rd.

LoboEats is a brand new app that enables UNM organizations and departments to post when they have free food available to share with other Lobos. LoboEats connects UNM students, faculty, and staff with organizations and departments that have leftover food from catered events. This app will help reduce food waste and aid food-insecure individuals within the campus community.
- **Lobo Food Pantry Fall Hours**
  
  Food insecurity comes in many forms and impacts all aspects of your life

  ~30-40% of UNM students are housing/food insecure, and ~50% are first generation.

  Please make sure you utilize the available resources like the Lobo Food Pantry and Student Guide tab resources: [http://goweb.unm.edu/studentguide/](http://goweb.unm.edu/studentguide/).

- **SHAC Workshops:**
  
  NO CHARGE! RSVP: [studentcounseling@unm.edu](mailto:studentcounseling@unm.edu)

  **Deadline to Register: 1 Business Day Before Each Workshop**

  For more Fall Workshops, see: [SHAC Workshop Webpage](https://homepage.unm.edu/shac actividades/)

  Including...
• **Free confidential counseling**

The UNM Counseling Program is excited to be offering free confidential counseling for children, adolescents, adults, couples, and families this semester on our UNM main campus clinic. This center is a training center for our advanced graduate students under supervision from our amazing UNM faculty and licensed professional counselors. These sessions will last 50 minutes and allow clients to be seen each week throughout the Fall semester. These sessions will be video recorded for supervision purposes and stored in a secure HIPAA compliant space. Appointments are available on Monday, Tuesday, and Wednesday all the way until 7 pm.

Please call us at 505-277-7311 to complete a brief telephone screening to determine that our services are best for you. We look forward to hearing from you soon!
• **Open Chalk Night**
*Even if you don’t want to present, it’s a great opportunity to learn!*

Open chalk night is a monthly meetup for graduate and undergraduate students to practice presenting mathematics at a blackboard to an audience. Modeled after the Graduate Teaching Seminar presentations and open mic nights where would-be musicians play songs to a distracted audience, this event is a time for students to socialize and develop comfort communicating mathematics and recovering from mistakes. Here’s how it works: Bring a problem, sign up to present on the sign-in sheet, wait your turn, then take the chalk and present. Problems can come from anywhere (homework, contests, etc), but please keep it to something that can be presented in 5-10 minutes. Snacks and beverages will be provided.

• **Weekly UNM Nature Walks**
If you’ve never joined us before, Nature Walk is a weekly event hosted by the Museum of Southwestern Biology. **We meet every Friday at noon at the UNM Duck Pond** for an hour-ish walk around campus to explore the nature around us. Many times, this includes teaching newcomers how to use community science apps like iNaturalist and eBird (especially during BioBlitz time), but we've also done themed walks like duck anatomy illustration, turtle counts, an arboretum tour, edible plants, and more! Further details on our [event page](http://unm-bioblog.blogspot.com/).

• **Bio Blog Posts**
The link is here: [http://unm-bioblog.blogspot.com/](http://unm-bioblog.blogspot.com/)

**Community Events/Opportunities**
Check back next week

We hope to see you around.

In Solidarity,

Yadéeh E. Sawyer, Ph.D. (she/her/ella)

1st and 2nd Year Experience Manager
Student Success Coordinator
(UnM Alumni; Staff Council Grade 13 Rep)
Safe, Green, and Dream Zone Certified

UNM - Engineering Student Success Center - Room 2095
yadeeh@unm.edu
505.277.9151

Schedule a meeting with me through Bookings

Stay informed through our web app: succESS

ESS Webpage: ess.unm.edu
Tutoring | Scholarships | Mentoring | Undergraduate Research | EPICS | Internships and Co-Ops | Engineering Ambassador | Academic Success Workshops & Special Events for Engineering and Computer Science Students

ESS social media @UNMESSCenter

Events and Workshops: ess.unm.edu/events

Semester Long Programs:
- **Mentoring:**
  - Get a Mentor who is a STEM Professional
  - Be a Peer-Mentor

- **Research:**
  - Student Research Experience Program
  - EPICS (Engineering Projects in Community Service) @ UNM

Want to know about other STEM related opportunities? Join our listserv: UNM_STEM-L

ESS is located on the 2nd floor of the Centennial Engineering Center #2080

MSC01 1145; Building 112 (UNM Campus Map)