Weekly ESS Center Announcements

Week of November 28, 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
  - This Week
    - Financial Fundamentals (Nov 29)
  - New Announcements
    - Food for Thought: Mistakes Happen
    - ESS tutors are here to help you prepare for finals
  - Next Week
    - Good luck wrapping up the semester.
**Coming Up**
- Some much earned rest and relaxation

**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

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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.

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@UNMESSCENTER Follow us on Social Media

We have additional resources for Future Students HERE.
November is Native American Heritage Month

Engineering Student Success Center Events:

All students are welcome to attend. You belong.

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

This Week:

- **Financial Fundamentals** - Learn how to create and stick to a budget, overcome common money pitfalls, eliminate student debt fast, and set yourself up for financial success.
  - **What:** [1st & 2nd Year Student Event Series]
  - **When:** Wednesday November 29, 2023. 4 - 5 PM. **Food provided for attendees.**
  - **Where:** Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom ([https://goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))
  - **Partners/Presenters:** The Center for Financial Capability - Solomon Gbara
  - **RSVP** ([HERE](https://https://goto.unm.edu/esszoom)) is preferred to help us have a head count for food, but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
Financial Fundamentals

Presented by

You’ll learn how to:

• Create and stick to a budget
• Overcome common money pitfalls
• Eliminate student debt fast
• Set yourself up for financial success

WIN a gift card*. GAIN experience.
BUILD your skill set. ENHANCE your resume.

RSVP (preferred but not required)

ess.unm.edu/events > November
or through our web app - succESS

School of Engineering students only

Synchronous In-Person & Virtual

ESS suite - CENT 2080
Zoom (goto.unm.edu/esszoom)

Wed., Nov. 29, 2023
4 - 5 PM

Food for participants
sponsored by

NEW ANNOUNCEMENTS:
• **Food for Thought: Mistakes Happen**

   The only mistake you can make is not asking for help.

   - Sandeep Jauhar

• **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 or through our succESS web-app.
Drop-In Tutoring for Engineering & Computing

Get help in your core STEM courses, engineering & computing specific classes, software, and coding languages.

ESS suite (CEC 2080) & online via Zoom

Tutoring schedule & more info at ess.unm.edu/services/tutoring/
or through our app - succESS

**Next Week:**
• Good luck wrapping up the semester.

**COMING UP:**

• Some wellearned rest and relaxation.

**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. Malanie 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 November 27, 2023**

  o [UNM Engineering honors eight with Distinguished Alumni Awards](#)
  
  o [Riley inducted into ASEE Hall of Fame](#)
  
  o [Graduate student receives Department of Energy research award](#)
  
  o [Students receive awards at AIChE national meeting](#)
  
  o [School of Engineering Convocation planned for Dec. 13](#)

**Job/Research Opportunities/Scholarships**

(See Previous Announcements below for additional opportunities)

**SCHOLARSHIPS**

[https://outlook.office.com/mail/inbox/id/AAQkJADjiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcMWmAQAjFAS1usEi4uZn%2BVo3pRY0…](https://outlook.office.com/mail/inbox/id/AAQkJADjiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcMWmAQAjFAS1usEi4uZn%2BVo3pRY0…)

8/20
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)

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### 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](https://ess.unm.edu/programs/current-students/internships/index.html)
  
  - External Jobs & Internships: [https://ess.unm.edu/resources/career.html](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](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
Check back next week.

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.
• **Undergraduate Water Science Communication Fellowship**
  Through UNM Grand Challenges Sustainable Water Resources program.
  [https://urad.unm.edu/students/unm-undergraduate-fellowship-sustainable-water-resources.html](https://urad.unm.edu/students/unm-undergraduate-fellowship-sustainable-water-resources.html)

  The Grand Challenges Water Science Communication Fellowship on campus is pairing students who are interested in getting involved in research with faculty who are conducting water-resource related research. Fellows then spend the spring semester completing a communications project based on their mentor's work, which is presented at UROC. This is open to all disciplines, classifications (as long as they are an undergrad), and does not require any previous research experience. Fellows who are accepted also receive a **$1000 stipend and the application closes Dec. 1st.**

  ![Grand Challenges Sustainable Water Resources Fellowship](https://urad.unm.edu/students/unm-undergraduate-fellowship-sustainable-water-resources.html)

• **AFRL Scholars Application**
  Applications are due Wednesday, January 10, 2024, at 11:59 P.M. CST

  Helpful application hints:
  
  o Official transcripts are not required. Students can submit their most recent unofficial transcript.
  o Essay questions can be 150-200 words submitted in paragraph form.
  o 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/](https://afrlscholars.usra.edu/students/)
• **Summer Undergraduate Research Program - Great Lakes Bioenergy Research Center (GLBRC)**

The [Great Lakes Bioenergy Research Center](https://www.glbrc.org) (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.

<table>
<thead>
<tr>
<th>Scholarships:</th>
<th>Delilah Williams Scholarship</th>
<th>New Mexico State Women’s Scholarship</th>
<th>Jean Boswell Foundation Scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Requirements:</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>
</tr>
</tbody>
</table>
### 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

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UNM Events/News

Listed in Chronological Order

(Repeat/Continuous opportunities are not included)

- **University Libraries Workshops**

  **And, Coffee & Code** starts on Sept. 1 at 9am with **Programming with Python: Coffee & Code Programming Concepts**. A hands-on workshop series presented by the UNM Libraries Research Data Services team, which features a variety of introductory data science tools and topics. All Coffee & Code workshops are held in Centennial Science & Engineering Library room DEN 2. No experience necessary. Registration is required, and coffee & donuts are provided!

  - **Friday, Dec 1, 9-11am**: Engineering ChatGPT Prompts for R Code

- **Fall 2023 Honors College Wellness Series Events – Open to all**

  **PHYSICAL WELLNESS**
  Starting August 31, every Monday, Wednesday, and Thursday all University of New Mexico students, faculty and staff are welcome to join us at noon (12pm) for an hour of movement. We will be engaging in different types of activities to stimulate community and help students develop their Lobo identity. Grab your shoes, sunscreen, and your water bottle, and meet us at the Honors College Patio!

- **Introducing UNM TimelyCare**

  Remember that as a UNM student, you have access to free, 24/7 virtual health care services and support through [UNM TimelyCare](https://outlook.office.com/mail/inbox/id/AAQkADJiYjcyNTfMwltY0MWE1NGQ5NC1hZjFmLTYtNjQ2ZjgwZjcxMwAQAJFAS11usEi4uZh%2BVo3pRY...), 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](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](#)
• **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/)
• **AI4ALL Ignite Program**
  
  https://ai-4-all.org/ai4all-ignite/

  **Info sessions:** [https://bit.ly/3ZtAWOy](https://bit.ly/3ZtAWOy)

**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](https://ai-4-all.org/ai4all-ignite/).
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
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)