Weekly ESS Center Announcements

Week of November 7, 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
    - Manage Your Time (Nov 9)
  - New Announcements
    - Food for Thought: Failure vs Failed
  - Next Week
    - Lab Safety Series (Part 3 – Nov 14)
- Inclined Planes and Curved Surfaces, Reflection Symmetry, & Write a Rule (Nov 15)
- Leadership in Engineering (Nov 16)

  - **Coming Up**
    - Financial Fundamentals (Nov 29)
    - SoE UNITY (prev. EPICS@UNM) – Spring hands-on course

  - **Reminders**
    - Faculty Highlight: Dr. Gruia-Catalin Roman
    - 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/

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Please share as you feel appropriate.

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Follow us on Social Media
We have additional resources for Future Students HERE.

The First Full Week of November is First Generation Students Week

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:**
- **Manage Your Time** - and the effects on stress and test anxiety.
  - **What:** [1st & 2nd Year Student Event Series](https://outlook.office.com/mail/inbox/id/AAQkADJjYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAO9C2v0xuksDg5D08NXxf%2FE)
  - **When:** Thursday, November 9, 2023. 4 - 5 PM.
  - **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:** SHAC - Traye Holland
  - **More info:** [FLYER](https://outlook.office.com/mail/inbox/id/AAQkADJjYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAO9C2v0xuksDg5D08NXxf%2FE).
  - **RSVP (HERE)** is not required but is preferred and is a great way to get a 1 week before and the day before reminders.

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**NEW ANNOUNCEMENTS:**
Food for Thought: **Failure vs Failed**

You're **NOT a FAILURE** just because you **FAILED**.

Failure is part of the learning process.

We want to see you fail, to learn, and grow, and to eventually succeed. We are here to help you along that journey.

**NEXT WEEK:**

- **Lab safety matters!** - Join us for a 3 part series that will prepare you for lab work, or make you a more valuable lab mate. Attend, one, two, or all three*.
  - **What:** Lab Safety Series
  - **When:** Every other Tuesday from 3:30 - 4:30 PM.
  - **Where:** Virtual via Zoom ([https://unm.zoom.us/j/94545196176](https://unm.zoom.us/j/94545196176))
  - **Topics** (Attend all 3 and earn a Lab Safety Certificate from Environmental Health & Safety):
    - 11/14/23. Part 3 - Chemical Waste Management
  - **Partners/Presenters:** Environmental Health & Safety
  - **RSVP is preferred** (for each session) but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
• **Inclined Planes and Curved Surfaces, Reflection Symmetry, & Write a Rule** - In this workshop, students 1) focus on expanding and applying the knowledge learned in workshops 1-4 to shapes with inclined planes and curved surfaces. A full explanation of how orthographic and isometric views apply to such shapes is provided. Students then practice by building shapes with an inclined plane or curved surface and drawing the isometric views. Then they individually answer workbook problems. They also practice creating orthographic views for inclined planes and curved surfaces in an interactive Orthographic Telephone exercise. For additional explanation of these concepts, students also read and complete a software exercise. 2) explore the spatial visualization techniques of reflection and symmetry by building objects from cube blocks, defining a reflection plane, and drawing the object before and after a reflection. And, 3) learn a new spatial visualization test-taking technique called “write a rule” and apply it, along with their pre-requisite knowledge gained during the previous workshops/lessons in this series (not required, but beneficial), to practice answering test problems.
  
  **What:** Spatial Visualization Series  
  **When:** Wednesday, November 15, 2023, 4 - 5 PM.  
  **Where:** In-person only - in the ESS suite Computer Pod - CENT 2080  
  **RSVP** (HERE) is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
Leadership in Engineering

What: Career and Professional Development Event
When: Thursday, November 16, 2023. 4 - 5 PM.
Where: Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)
Partners/Presenters: Lilian Casias, PhD Electrical engineering from UNM and Senior Engineer at Sandia National Laboratories
More info:
- Visit https://ess.unm.edu/events > November for more information about Dr. Casias.
- With an interactive presentation/conversation, Lilian will review the skills of an effective engineering leader with the audience throughout the session and will not dive into the specific details of program management but rather cover the broader skillset that can be applied to your engineering career. The skills addressed are:
  - Problem-solving
  - Collaboration/Teams
  - Diligence
  - Strategy
  - Communication
  - Emotional Intelligence
  - Creativity
  - Curiosity
  - Flexibility
RSVP (HERE) is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
COMING UP:

- **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://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.
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. 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.

**Reminders:**

- **Faculty Highlights.** See what our faculty study.

  Read about other highlights on our [webpage dedicated to just this](https://www.ou.edu/soec). The most recent posting is for Dr. Gruia-Catalin Roman within the [Computer Science Department](https://www.ou.edu/cse). 

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

*Check back next week.*
**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)

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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)

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**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

- **Touré Reed lecture**
  Dr. Touré Reed is keynoting the Africana Studies symposium TONIGHT at 4pm at the UNM SUB. The information is here: [https://www.eventbrite.com/e/unm-keynote-lecture-w-toure-reed-phd-research-discovery-week-2023-tickets-732969289877](https://www.eventbrite.com/e/unm-keynote-lecture-w-toure-reed-phd-research-discovery-week-2023-tickets-732969289877)
• **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.
• **CTL’s Graduate Support is here for you.**
  Check out just a few of their resources. You can learn more at [https://ctl.unm.edu](https://ctl.unm.edu)

• **Study Abroad Fair**
  November 14, 2023 from 10 am – 2 pm. SUB 2nd Floor & Atrium.
  [https://studyabroad.unm.edu](https://studyabroad.unm.edu)
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.

- **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>
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<tr>
<td>Judging Criteria:</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>
</tr>
<tr>
<td>Scholarship renewable:</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Amount of scholarship:</td>
<td>A minimum of $2,600.</td>
<td>A minimum of $2,600.</td>
<td>A minimum of $2,600.</td>
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<tr>
<td>Payment of scholarship:</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>
<td>Paid directly to the institution in two equal installments, one each semester.</td>
</tr>
<tr>
<td>Other qualifications:</td>
<td>Must be admitted to the institution to apply.</td>
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<tr>
<td>Deadline:</td>
<td>February 1st</td>
<td>February 1st</td>
<td>February 1st</td>
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</tbody>
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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 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/)
  · 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)

- 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!

**ECONOMIC WELLNESS**
The Honors College is partnering with the Center for Financial Capability to help students strengthen their financial literacy.

  - **November 14th - (Workshop) CFC Tax Workshop**

• **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://www.unm.edu/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](https://www.unm.edu/timelycare), 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/.

- **SHAC Workshops:**

  NO CHARGE! RSVP: studentcounseling@unm.edu

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

  For more Fall Workshops, see: [SHAC Workshop Webpage](#)

  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!

• **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/)

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**Community Events/Opportunities**

https://outlook.office.com/mail/inbox/id/AAQkJAdjiYjc0NTFmLTY0LTEwLTI5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAO9C2v0xuksDg5D08NXxf%2F… 20/22
• **New Mexico Research Symposium**  
  In-person @ UNM Student Union Building, November 4, 2023.

This collaboratively hosted annual research conference features oral presentations, a poster session, the Rio Grande Research SLAM, and a keynote address. Free and open to the public, this event is geared towards undergraduate and graduate students from across NM. [More info here...]

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](http://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](http://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)