Weekly ESS Center Announcements

Week of October 18, 2022

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**
    - Isometric Drawing – Spatial Visualization Series (10/18)
    - Landing an Internship (10/19)
    - Resume Critique & Mock Interviews (10/24)
  - **New Announcements**
    - ACED: My Educational and Career Path (10/29)
    - Google information session
    - One-Axis Rotations – Spatial Visualization Series (11/15)
    - Leadership in Engineering (11/16)
    - Faculty Highlight: Khanh Pham, Electrical Engineering
  - **Next Week**
  - **Coming Up**
    - CAD Basics (11/1)
    - Chemical Waste Management - Lab Safety Series (11/8)
Coffee with Faculty (11/10)
  - Reminders
  - Tell us how you are Engineering & Computing (Ongoing)
  - ESS Resource Page
  - Other ESS Center/SOE News and Info

- Job/Research Opportunities/Scholarships
  - Join our Internship Programs
- Other UNM opportunities and news for STEM students
  - Highlight: Other Campus Resources
- 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.

Follow us on Social Media

We have additional resources for Future Students HERE.

ENGINEERING STUDENT SUCCESS CENTER EVENTS:
All students are welcome to attend.
More information can be found at https://ess.unm.edu/events or through our app (succESS)

THIS WEEK:
- Isometric Drawing- In this workshop, students learn about isometric drawings and how to use coded plans to envision and draw 3D objects. They practice creating coded plans,
building simple cube objects from coded plans, and then sketching the respective isometric views on isometric paper.

- **What:** Spatial Visualization Series
- **When:** Tuesday, October 18, 2022. 5 - 6 PM.
- **Where:** Synchronous in-person (in the ESS suite Computer Pod - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)
- **More info:**
  - See November for additional topics in this series.
- **RSVP’s** via https://ess.unm.edu/events or through our succESS app (https://success.unm.edu/events). RSVP is preferred but not required. RSVP will get you week before and day before email reminders.

### Spatial Visualization Series

**Attend 1, 2, or all 3**

1. Sept 27. Orthographic Views
2. Oct 18. Isometric Drawing
3. Nov 15. One-Axis Rotations

Select Tuesdays. 5 - 6 PM

**Synchronous in-person**

(in the ESS suite Computer Pod - CENT 2080)

and virtual via Zoom

(https://goto.unm.edu/esszoom)

Learn more or RSVP at


or through our app - succESS

- **Landing an Internship** - Want to know the best time and strategies for landing your dream internship to kick-start your career? Come learn how.
  - **What:** Career and Professional Development Event
  - **When:** Wednesday, October 19, 2022. 3 - 4 PM.
  - **Where:** Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)
  - **Presenter:** ESS’s very own Nada Abdelhack - Job & Internship Coordinator
  - **RSVP’s** via https://ess.unm.edu/events or through our succESS app (https://success.unm.edu/events). RSVP is preferred but not required. RSVP will get you week before and day before email reminders.
Resume Critique & Mock Interviews - with a STEM Professional

- **What:** Career and Professional Development Event
- **When:** Monday, October 24, 2022
  - Between 4 and 7 pm
  - 20 minute time slots
- **Where:** In-Person with check-in at the ESS suite (CENT 2080; parking information for reviewers and interviewers will be provided in the time slot notification email)
- **More info:** ADDITIONAL IMPORTANT INFORMATION IS FOUND AT https://ess.unm.edu/events > October
- **Timeline:**
  - RSVP deadline: Wednesday, October 12, 2022 at 9 AM.
  - Confirmation/acceptance of assigned time slot: Thursday, October 20, 2022 at 9 AM.
- **RSVP (HERE) to lock in your spot. Walk-ins are not guaranteed, but accepted.**
  - *Due to the structure of this event, ESS will do our best to accommodate all submissions.*
NEW ANNOUNCEMENTS:

- **ACED Tech Skills Sessions: Title: My Educational and Career Path** - Advisory Council for Engineering Development (ACED) was created to help UNM students gain quality, industry-level soft skills training and vital work skills that were not observed to be formally taught in the current UNM SoE curriculum. Read more at [our ACED web page](https://ess.unm.edu/events). 
  
  - **What:** Career and Professional Development Event
  - **When:** Saturday, October 29, 2022. 9 - 11 AM MST
  - **Where:** Zoom [https://unm.zoom.us/j/97377022577](https://unm.zoom.us/j/97377022577)
  - **Partners/Presenters:** UNM Engineering alumnus
Google information session
Engineering and Computer Science students are invited to attend an Information Session hosted by Google. Join us to learn about Job & Internship opportunities available at Google.
What: Google Information Session
When: November 4, 2022 from 12noon -2pm
Where: Cent. Stamm room (1044)
Why: Learn about internships and future career opportunities

One-Axis Rotations - In this workshop, students learn about one-axis rotations with a focus on how to rotate objects physically and mentally. They begin by building an object with cube blocks, defining a one-axis rotation, and then drawing the isometric views of the object before and after the rotation.
  - What: Spatial Visualization Series
  - When: Tuesday, November 15, 2022. 5 - 6 PM.
- **Where**: Synchronous in-person (in the ESS suite Computer Pod - CENT 2080) and virtual via Zoom ([https://goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))

- **Leadership in Engineering**
  - **What**: Career and Professional Development Event
  - **When**: Wednesday, November 16, 2022. 5 - 6 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))

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

  Read about other highlights on our [webpage dedicated to just this](https://ess.unm.edu/events > November or through our web-app - succESS).

  This posting is for **Khanh Pham** within the **Electrical and Computer Engineering** Department.
Lab Safety Series
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)
- **Topics** (Attend all 3 and earn a Lab Safety Certificate from Environmental Health & Safety):
  - 10/25/22: Part 2 - Hierarchy of Controls & Basics of PPE
- **Partners/Presenters:** Environmental Health & Safety
- **RSVP’s** via https://ess.unm.edu/events or through our succESS app (https://success.unm.edu/events). RSVP is preferred but not required. RSVP will get you week before and day before email reminders. RSVP for EACH desired session
COMING UP:

- **CAD Basics** - an introductory hands-on workshop. Learn the essentials and standard practices for optimal organization and functionality of CAD modeling within Autodesk Fusion 360. These skills are transferable to other CAD software.
  - **What:** 1st & 2nd Year Student Event Series
  - **When:** Tuesday, November 1, 2022. 4 - 7 PM.
  - **Where:** ESS suite Computer Lab - CENT 2080
  - **Presenters:** Adan Martinez

- **Lab Safety Series**
  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)  
- **Topics** (Attend all 3 and earn a Lab Safety Certificate from Environmental Health & Safety):  
- **Partners/Presenters:** Environmental Health & Safety  
- **RSVP’s** via https://ess.unm.edu/events or through our succESS app (https://success.unm.edu/events). RSVP is preferred but not required. RSVP will get you week before and day before email reminders. RSVP for EACH desired session

- **Coffee Hour with Faculty** - calling all students - come chat with faculty in an informal setting to pick their brains about all things Engineering and Computing.  
  - **What:** 1st & 2nd Year Student Event Series  
  - **When:** Thursday, November 10, 2022. 3 - 5 PM  
  - **Where:** Centennial Engineering Center - STAMM Room (1044)  
  - **More info:** Tea & coffee provided.  
  - **RSVP** (via https://ess.unm.edu/events or through our succESS app (https://success.unm.edu/events) is HIGHLY encouraged (helps us have a good head-count for the tea/coffee) but not required. RSVP will get you week before and day before email reminders.
Reminders:

- Want to see the creative products from our I AM Engineering & Computing and Find Your Pack Event? Come stop by the ESS tutoring room! And, add more. Encourage your friends to do so, too.
  - You can also take it one step farther and be showcased!

- Check out our ESS Resource pages!
  
* [https://ess.unm.edu/resources/index.html](https://ess.unm.edu/resources/index.html)

  These include everything from academic support and career development, to behavioral health and getting into research and goal setting.

Other ESS Center/SOE news and information:

- Quick Takes from the Dean - Week of October 17, 2022
  - ECE professor receives outstanding mentorship award
  - Janicek receives directed energy research grant award
  - Engineering students gain valuable research experience at NREL summer program
  - Turing Award winner, alumnus visits campus. See his lecture and more.

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](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

- Domestic Violence Awareness Month
**Workshop for STEM majors or considering STEM**

Hello STEM majors and students considering STEM,

The Undergraduate Research, Arts & Design Network is hosting a workshop next **Wednesday, 10/19 at 10am in Centennial library**, presented by a NASA scientist and engineer, that could be help you make the most of your STEM education. He will share his experiences as both a scientist and engineer, and help you explore what are the best pathways in STEM for you.

Use this link to register or the QR code below in the flyer:

https://survey.az1.qualtrics.com/jfe/form/SV_2mETsbJUoIC1hBA

Reach out with any questions and we hope to see you there!
Bioblog- Slowing the Downward March
... about the science and recent advances in anti-aging research written by PhD student Athena Lehmitz. The blog, titled "Slowing the Downward March", can be found here.

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.

- SMART Application Open! 2022
  www.smartscholarship.org
  Deadline: Dec 1
• **AFRL-sponsored summer internships via “Space Scholars Program”**
Both undergrads and grads are encouraged to apply. The application deadline is towards the incoming December and January timeframes.

https://afrlscholars.usra.edu/

All the necessary details about qualifications, application deadlines, lab mentors' bios and R&D portfolios are incorporated therein.

• **College Scholarships for New Mexico 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.

1. The application process begins with P.E.O chapter sponsorship. Apply for chapter sponsorship by September 30, 2022 at: newmexicopeochapterad@yahoo.com.
2. Scholarship applications are due January 22, 2023. Scholarship recipients will be awarded for the 2023-2024 school year with funds made in 2 payments to the 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>
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</thead>
<tbody>
<tr>
<td>College Requirements:</td>
<td>At Freshman or Sophomore level for the 2022-2023 academic year at a NM institution.</td>
<td>At Junior or Senior level for the 2022-2023 academic year at any four-year college.</td>
<td>At Junior or Senior level for the 2022-2023 academic year at any four-year college.</td>
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<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>
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<td>Scholarship renewable:</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
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<td>Amount of</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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<td>scholarship:</td>
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<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>
<td>Paid directly to the institution in two equal installments, one each semester.</td>
</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>
<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>January 22</td>
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</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

**UNM EVENTS/NEWS**

*Listed in Chronological Order*

*(Repeat/Continuous opportunities are not included)*

- **Law School Fair**
  This event will take place Wednesday, October 19, 2022 from 11am to 2pm MT. Students DO NOT need to be there for the entire event; just when they can between classes. **We have over 25 law schools registered to attend!** It will be in the SUB Ballroom C (and maybe B). Students, staff and faculty MUST BE REGISTERED to attend the event. Use the QR code at the bottom of the flyer, or here: [https://form.jotform.com/222016206054138](https://form.jotform.com/222016206054138).

- **Haunted Campus Tours**
- **URAD Getting Started in Research Workshops**
  If your schedules conflict with the workshops, you can schedule a 1-on-1 with Jennifer through urad.unm.edu.

- **Anderson’s Graduate Programs Open House**

- **UNM’s 10th Annual App Contest - 1st Place Prize, $5,000, register by 10/31/22**
  The Office of the Chief Information Officer at the University of New Mexico (UNM) is sponsoring its tenth-annual Mobile App Contest, providing an opportunity for undergraduate students from UNM and Central...
New Mexico Community College (CNM) to develop and apply coding skills to make useful mobile applications for the community.

For more information go to AppContest.

Registration is required by October 31, 2022!

For questions contact appcontest@unm.edu

- **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

- **Upcoming Pre-Law Workshops**

  **Pre-Law Workshop: Application Talk (Open to All)**
  
  Date: Wednesday, November 16, 2022
  
  Time: 1:00 pm - 2:00 pm (MT)
  
  Location: Zoom
  
  Register Here

  **Pre-Law Workshop: Applying to Law School (UNM Students ONLY)**
  
  Date: Thursday, December 8, 2022
  
  Time: 12:00 pm - 1:00 pm (MT)
  
  Location: Arts & Sciences Center for Academic Success 140B (Building 85)
  
  Register on Cory Munoz' LoboAchieve calendar or by calling 505-277-4621

- **Graduate Support at CTL Workshops**
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!

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/.
Museum of Southwestern Biology (MSB) Nature Walks - Fridays at Noon
This fall members of the Museum of Southwestern Biology (MSB) will be leading a weekly on-campus nature walk mid-day on Fridays. These walks are intended to share understanding and appreciation of the natural world even in our urban setting. These events will also promote involvement in community science through documentation of the plants, fungi, animals, algae, and all else we observe. MSB Nature Walks are informal, and open to the entire UNM community, with each walk led by a volunteer leader from the MSB. We will meet at the bridge at the UNM Duck Pond on Fridays at 12:00pm each week that campus is open. These events are open to anyone interested - students, faculty, staff, family, friends, retirees - all are welcome!

Community Events/Opportunities

Wells Fargo | 2022 Women in Technology Intern and Analyst Conference
Now accepting applications for the 2022 Women in Technology Intern and Analyst Conference.

The conference is open to all students who are currently pursuing a bachelor’s degree in a STEM related major (examples: Computer Science and Computer Engineering) and graduating between December 2022-June 2025.

The application deadline is Sunday, October 2, 2022. Click here to express interest: 2022 Women in Technology Intern and Analyst Conference

Event details:
· Date: November 13-15, 2022 (Subject to change)
· Venue: Charlotte, NC (Subject to change)
· All travel and meal expenses will be paid by Wells Fargo
• From the NM EPSCoR Newsletter

**Oct 27 | Public Speaking Hacks for Research Poster Presentations**

_Virtual workshop_
Learn how to enact dynamic public speaking skills to engage your audience and effectively talk about your research. In this one hour workshop ABQ TEDx coach Angie Alley will share public speaking hacks that will take your presentations to the next level. [Register here...](https://example.com/register)

| Oct 27 - 29 | National Diversity in STEM Conference

_In-person event in Puerto Rico_
Lead by [SACNAS](https://sacnas.org), this conference is the largest multidisciplinary and multicultural STEM diversity event in the country. NM EPSCoR is going, are you?! [More info here!](https://example.com/nmepscor)

| Nov 5 | New Mexico Research Symposium

_In-person event @ UNM student union building_
Save the date! More information to come in August and September!

We hope to see you around.

In Solidarity,

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

Retention Program Specialist (UNM Alumni; Staff Council Grade 12 Rep)
Safe, Green, and Dream Zone Certified
UNM - Engineering Student Success Center - Room 2095
yadeeh@unm.edu
505.277.9151

Stay informed through our app: [succESS](https://example.com/success)

ESS Webpage: [ess.unm.edu](http://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)