Weekly ESS Center Announcements

Week of August 8, 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
    - Summer Bridge Sessions (July 24 – Aug 11)
      - Tutoring, Teamwork & Study Group
      - Basic Excel
      - Metrics & Scientific Notation
      - How to get into a research lab & Ethics
  - New Announcements
Food for Thought: Can and Cannot Do  
Semester Long Programs (Deadline: Sept. 5)  
  • Mentoring. Research. Internships.  

Next Week  
Pre-Semester Prep Sessions (Aug 14 – 18)  
  • And, check out our practice word problems  

Coming Up  
The start of the Fall 2023 Semester!!!  

Reminders  
Faculty Highlight: Ed Angel  
Consider being Showcased  

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.

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 web app (succESS)

THIS WEEK:

- **Engineering Your Bridge to Success: Summer Bridge Sessions:** Nervous about starting at a University setting in the Fall? Want to feel confident entering your University courses? Then this opportunity is for you.
  - **What:** Summer Bridge Sessions
  - **When:** July 24 – August 11, 2023. 10 – 11:15 AM MST unless otherwise noted.
  - **Partners/Presenters:** ESS Center's very own Yadéeeh Sawyer and Nada Abdelhack
  - **Where:** Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom). All sessions start at 10 am MST and typically go until 11:15 am, with a few sessions lasting longer. See specific session information below.
  - **More info:**
    - Read all about it on the Engineering Your Bridge to Success webpage. The goal of these workshops are to provide students with foundational skills to better support them as they enter their first semester at UNM. Mastering these skills will equip students to handle challenges they may face upon entering the University setting.
    - RSVP for EACH desired session at https://success.unm.edu/events is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
    - **Tutoring, Teamwork & Study Group.** Our intent for this session is to help make your desire to go to tutoring increase, shift your reaction to the idea of a group project into a positive one, and motivate you to join or form a study group.
      - Tuesday, August 8, 2023. 10 - 11:15 AM.
**Basic Excel.** Our intent for this session is to help make you more comfortable with Microsoft Excel© by introducing you to some basic functions that you can explore more in depth on your own, but not the only way to do things. We will cover the basics of entering data, all the way through graphing and equations, with many shortcuts and tips along the way.
- Wednesday, August 9, 2023. 10 – 12 PM.

**Metrics & Scientific Notation.** Our intent for this session is review or introduce concepts of metrics, conversion between systems, as well as within like systems, and address scientific notation and significant figures. All which are fundamental to accurate problem solving in STEM fields.
- Thursday, August 10, 2023. 10 - 11:15 AM.
How to get into a research lab & Ethics. Our intent for this session is to give you a good understanding of the multitude of ways to get into a research lab as an undergraduate from how to get started to building bridges and landing that position. As well as the importance of ethical practices within your research experience, but also your undergraduate journey, and especially in your professional career.

- Friday, August 11, 2023. 10 - 11:15 AM.

**NEW ANNOUNCEMENTS:**
- **Food For Though: Can and Cannot Do**

  "Don’t let what you cannot do interfere with what you can do."

  ~ John Wooden

  ESS is here to help you change the cannot to can.

- **Semester Long Programs (Deadline: Sept. 5)**
  - **Mentoring. Internships. Research.**
  - **What:** Semester Long Programs
  - **Fall 2023 Deadlines:** September 5.
  - **More info:**
    - **Mentoring:** Program orientation session required for both opportunities. [MORE INFO](#).
      - Be a peer-mentor.
      - Get a STEM professional as a mentor.
    - **Internships.** [MORE INFO](#).
    - **Research:** [MORE INFO](#).
      - Student Research Experience Program. Program orientation session required
      - EPICS @ UNM.
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)
- **Topics** (Attend all 3 and earn a Lab Safety Certificate from Environmental Health & Safety):
  - 9/12/23: Part 2 - Hierarchy of Controls & Basics of PPE (RSVP coming soon)
  - 9/26/23: Part 3 - Chemical Waste Management (RSVP coming soon)
- **Partners/Presenters:** Environmental Health & Safety
- **RSVP** is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder. (Above for each session.)
Pre-Semester Prep Workshops. These interactive workshops will review all foundational material leading up to the specified course so you are better equipped to hit the ground running.

- **What:** Pre-Semester Prep Series
  
  *Attend our Physics 1, Pre-Calc/Trig, Calc 1, or Calc 2 sessions and provide feedback for access to a general knowledge exam to even better prepare you for the first exam (and potentially beyond) within your course.
  
  - **When:** August 14 through August 18, 2023. Times are 10 AM – 12 PM with a few sessions 1 – 3 PM.
  
  - **Partners/Presenters:** ESS Center and CAPS
  
  - **Where:** Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)
  
  - **RSVP for EACH desired session** at https://success.unm.edu/events is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
  
  - **More help:** Practice word problems
    
    We’ve partnered with the Center For Teaching and Learning (CTL) to create some practice word problems for you! Check them out on our academics resource page under ESS Presentations. And, don’t forget you can come get help from either our tutors or the CTL STEM tutors.
COMING UP:
* The Start of the Fall 2023 Semester!

REMINDERS:
* Faculty Highlight. See what our faculty study.

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

This posting is for Dr. Ed Angel within the Computer Science Department.
• **Consider being showcased**  
  https://ess.unm.edu/resources/showcases/index.html

There is more to our students than just their technical interests. And, the more outside interests and experiences one has, including the arts and creative thinking, the better! Engineering and computing makes one's other interests stronger, and those other interests enhance one's engineering and computer science knowledge and ability.

These abilities include, but are not limited to, blogs (creative or technical), art work (visual or auditory), writings/reports (creative or technical, including published manuscripts), and presentations (oral or posters).

Are you interested in being showcased? Contact Dr. Yadéeh Sawyer at yadeeh@unm.edu or (505) 277-9151. She is always looking for more examples!

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**OTHER ESS CENTER/SOE NEWS AND INFORMATION:**

• **Quick Takes from the Dean - Week of August 7, 2023**
  
  o **UNM researchers take a deep dive into our changing planet with SIMReef project**
  
  o **UNM student spends summer at Department of Homeland Security internship to develop tool to predict crime**
  
  o **Beyond the bomb: UNM course helps broaden understanding of nuclear impact**
  
  o **Save the date: Engineering Open House is Sept. 30**

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**JOB/RESEARCH OPPORTUNITIES/SCHOLARSHIPS**

*(See Previous Announcements below for additional opportunities)*

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**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
• Raytheon is looking for an Engineer in Farmington, NM
  Req#01628898 through https://careers.rtx.com/global/en

• General Contractor for the San Juan Solar project in Kirtland
  Aerotek the recruiting firm running this search.

We are looking for anyone who has a passion to get their foot in the door with the renewable industry, hungry to learn and grow. A degree isn’t required, nice to have. This is a long term project, and this person can get hired on with our client if they are willing to travel.

Field Assistant
  • Tracking the quantity and delivery date of construction material. This task includes coordinating with vendors and informing the field team when material has arrived. Will need to assist field team in ensuring the right number of materials has arrived on site.
  • Managing the damaged material log for the jobsite
  • Creating a material breakdown for the jobsite
Complete other responsibilities as assigned by supporting the site management team of Superintendent, and Project Managers.
Position will be 50/50 in office/in field
Unlimited overtime potential

Please reach out with any questions. Thank you!

Allie Brink
P: 505.342.5019
M: 505.507.7704
acooper@aerotek.com

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.
• **GEM Fellowship applications are now open**
  gemfellowship.org/prospective. *Deadline is the 2nd Friday in November.*

Organizations like GEM strive to provide equal opportunity for all! If anyone has questions about the fellowship, please reach out to Jerrod Ronquillo, a current SOE GEM Fellow at jarrodronquillo@unm.edu.

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**UNM Events/News**

*Listed in Chronological Order*

*(Repeat/Continuous opportunities are not included)*

• **WRC hosts summer “Thriving Thursdays”**
  We are so excited to begin the Self-Care Summer Series for UNM’s Mental Health Collaborative. Zoom ID: 985 6598 2195
• **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://shac.unm.edu/workshops)

  Including...

[SHAC Workshop Schedule]

• **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!
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/).
Check back next week

We hope to see you around.

In Solidarity,

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

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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](mailto:UNM_STEM-L)

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

MSC01 1145; Building 112 ([UNM Campus Map](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEiNGQ5NC1hZjFmLT00NjQ2ZjgwZjcMwAQAF%2BRmzZXklBsmeOsnx05h…))