Weekly ESS Center Announcements
Week of August 16, 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 certificate. GAIN experience. BUILD your skill set. ENHANCE your resume.

• Upcoming Engineering Student Success Center Events and opportunities
  o This Week
    ▪ Pre-Semester Prep sessions
      • Pre-Calc/Trig Review (Calculus 1 Prep) (8/16)
      • Calculus 1 Review (Calculus 2 Prep) (8/17)
      • Calculus 2 Review (Calculus 3 Prep) (8/18)
      • Physics 1 Prep (8/19)
      • Chemistry 1 Prep
  o New Announcements
    ▪ Now accepting students into AI4All
    ▪ I am Engineering & Computing and Find Your Pack (9/9)
    ▪ STEM Mixer & Industry Networking Social
- **Next Week**
  - Join ESS at Welcome Back Days (8/29 & 8/21)
  - Good luck with the start of the semester

- **Coming Up**
  - Lab Safety Series
  - Semester-long programs

- **Reminders**
  - ESS is Hiring Tutors
  - Be part of EPICS for the Fall 2022 semester
  - Fall Line-Up
  - 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**

- **Community news and opportunities**

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**Stay informed via our “app”!:**

*“engineering your succESS”*

[SUCCESS.UNM.EDU](https://success.unm.edu)

Shortcut/“download” instructions:

[https://success.unm.edu/menu/howToInstall/](https://success.unm.edu/menu/howToInstall/)

Please share as you feel appropriate.
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:

- **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.
  - **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’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
  - **Sessions offered:**
    - College Algebra Review (Trigonometry & Pre-Calculus Prep)+
    - Pre-Calc/Trig Review (Calculus 1 Prep)+
    - Calculus 1 Review (Calculus 2 Prep)+
    - Calculus 2 Review (Calculus 3 Prep)
    - Physics 1 Prep+
    - Chemistry 1 Prep
New Announcements:

- Professional Development Opportunity: Artificial Intelligence & Careers in Tech

University of New Mexico and nonprofit AI4ALL have partnered to offer students the opportunity to apply to the College Pathways Discover AI program
Available to ALL Majors!!!
HOW

APPLY HERE

Application Deadline: September 7, 2022

WHAT

- Discover AI is a virtual program in partnership with your school that provides students with a project-based introduction to computer science, machine learning, data, artificial intelligence and tech careers through the lens of societal and ethics impact. In addition, students get access to AI industry leaders and are guided through a roadmap with the goal of cultivating a future career in the AI industry.

- What are both the positive and negative implications of AI technology on society? How can (and does) AI affect communities in today’s world? Through research, discussions, and reflection, you will explore the intersectionality of AI with other fields and articulate your own mindful perspective of AI. The program is facilitated at no cost to students.

- Students that complete the program will emerge with actionable next steps in pursuing an academic or career path in AI - and the opportunity to continue in the following semester to our second program, Apply AI and direct mentorship from industry leaders in the AI and tech industry from companies like Google, Capital One, Facebook, Slalom Consulting, Accenture, Pearson and more. At the end of the Discover AI program, participants receive an AI4ALL Discover AI certificate of completion.

WHO

- If you’re a Computer Science major, the program is a great supplement to your existing course work.

- If your major is NOT Computer Science, we welcome you as well! If accepted, you will have the opportunity to learn more about artificial intelligence in a safe and thoughtful environment that offers you the opportunity to consider AI as a future career option and as a presence in your major industry/discipline

- AI4ALL programs are designed to bring together and highlight voices that have been historically excluded, and that will lead and shape the future of AI.

- Freshman, Sophomores, and Juniors

- All coding and/or Computer Science/AI levels (including everything from no experience to advanced)

WHEN
Launch is in September with Synchronous & Asynchronous Instruction. Please review the program's application for more details.

**Discover Artificial Intelligence as a Possible Career Path**

Join us at Discover AI & research AI fundamentals and its application in society through a project-based program at no cost to accepted students!

Upon completion, receive a Discover AI Certificate of Completion and ideas for next steps to take along your AI career path.

**Computer Science Majors**: the program supplements CS coursework & builds a fundamental framework for forging a more sustainable and ethical way forward for AI.

**All other major disciplines**: We welcome you as well! Learn more about AI in a safe and thoughtful environment & apply concepts from your own major/discipline to AI.

**What are both the positive and negative implications of AI technology on society?** How can (and does) AI affect communities in today's world? Explore how AI interacts with other fields and articulate your own mindful perspective of AI.

**I am Engineering and Computer Science & Find Your Pack** - Come let us know what it means to be an engineer or computer scientists, network with others with similar interested, and see what the the School of Engineering student organizations have to offer you!

- **What**: 1st & 2nd Year Student Event Series
- **When**: Friday, September 9, 2022. 1 - 4:30 PM.
- **Where**: Centennial Engineering Center - STAMM Room (1044)
- **Presenter**: ESS's very own [Yadeeh Sawyer](mailto:yadeeh@umn.edu) - Retention & Engagement Specialist and coordinator of the ESS Mentoring & Research Programs.
- **More info**: We believe that all members of the Engineering and Computing community should feel confident expressing "I am an Engineer/Computer Scientist." Whether you are an undergraduate who has just decided to join the major, or a senior researcher, you promote knowledge of engineering and computing concepts to the greater public and are a valuable asset to the the School of Engineering. Your outside interests help make you who you are and contribute to your success. Read about some examples with our [Student Showcases](#).
Create products that represent them as an Engineer or Computer Scientists either on-site or bring something with you to add to the display.

- We will have post-it notes, paper, colored pencils, markers, large rolls of paper for larger images, and even playdough or modeling clay for sculpting.
- Can't make the event or want to see what others created? We will have the products displayed in the ESS hallway (CENT 2080).

o RSVP's via [https://ess.unm.edu/events](https://ess.unm.edu/events) or through our succESS app ([https://success.unm.edu/events](https://success.unm.edu/events)). RSVP is preferred but not required. RSVP will get you week before and day before email reminders.
STEM Mixer & Industry Networking Social - Come network with others interested in STEM, including STEM Professionals and Mentors, as well as Industry Representatives. This event is open to all UNM students, as well as UNM staff and faculty, along with NM STEM Professionals. This is an opportunity to network with our STEM Mentors, Professionals, and Industry Partners in a dynamic and relaxed ambiance.

- **What:** Career and Professional Development Event
- **When:** Tuesday, September 13, 2022. 4:30 - 8 PM.
  - 4:30 - 6 PM will focus on Mixing with STEM Professionals and Mentors
  - 6 - 8 PM will expand to include Industry Networking with representatives from various local companies
    - If you are a company representative interested in participating in this event, please reach out to Nada Abdelhack at esscareers@unm.edu
- **Where:** Centennial Engineering Center - STAMM Room (1044) & the adjacent courtyard
- **More info:**
  - An evening of career networking and hors d'oeuvres!
  - Business casual dress is encouraged and don't forget to bring your Resumes.
  - Have THESE Conversation Starter questions ready to help get the conversation flowing.
  - **How to Go From Small talk to Meaningful Conversation**...in a comfortable and natural way. Follow your curiosity. Think of dialog as exponential, break past the barrier of “boxes” within 3 layers deep. Don’t bounce from topic to topic, but dive deeper within a single topic. The topic of conversation does not matter, it should be focused on the process of the conversation. And, listen (intentionally)! Not just to words, but actions. Reflect on what others share. And, with this, it is ok to stretch outside your comfort zone.
  - **For off campus attendees who need parking options:** THIS is where the event will take place and THIS is a map of the pay stations around campus.

- **Attendee RSVP** ([HERE](#)) is HIGHLY encouraged (helps us have a good head-count for the food) but not required. RSVP will get you week before and day before email reminders.
- **Industry/Company RSVP is REQUIRED** ([HERE](#)).
NEXT WEEK:

- Join ESS at UNM Welcome Back Days
  We will have a table on both Monday (8/22) and Wednesday (8/23). Stop by and say hi!
  [https://sac.unm.edu/events/welcome-back-days.html](https://sac.unm.edu/events/welcome-back-days.html)

- Good luck starting the semester off strong. Don’t forget, we are here to help.
Coming Up:

- **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):
    - See September, October, and November at https://ess.unm.edu/events for additional parts and additional offerings of Part 1.
  - **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
Be part of our semester-long programs! 
Mentoring. Internships. Research. 
Fall 2022 Deadlines: September 5.
- **Mentoring:** [MORE INFO](#).
  - Be a peer-mentor.
  - Get a STEM professional as a mentor.
- **Internships:** [MORE INFO](#).
- **Research:** [MORE INFO](#).
  - Student Research Experience Program.
  - EPICS @ UNM.
Reminders:

- Interested in being a tutor for ESS? Then you're in luck.
  Join our team. For details and to apply, please visit https://unmjobs.unm.edu/ Req# 20448

  Select Search for a Job. Then in the filters select type of position - student, campus - main, and you can use the key word of Tutor. It is the posting on 6/1/2022. This is the direct link, but sometimes they don't work well. https://unm.csod.com/ux/ats/careersite/18/home/requisition/20448?c=unm

  For more information or if you have problems find the posting, please reach out to Doug Williams at dougwms@unm.edu.
Be part of EPICS this Fall semester!
Fall registration is coming up soon. We hope you consider being part of the EPICS program for 3 credit hours.

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 EPICS @ UNM Course/Program for Spring 2022.

This opportunity is available to students in ANY MAJOR who are fully admitted into their degree program (no-pre-majors), but all projects have an Engineering and Computing focus.

Check out our website for more information, https://goto.unm.edu/epics. And, feel free to email (epics@unm.edu) or call (505-277-9151) me with any questions. I hope you consider joining.
We have our Fall 2022 Stand-Alone events lined up. Check it out. Want details? Check out our events page as we have details or our succESS 'app' one month before each event.

Check out our ESS Resource pages!
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:

Check back next week

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
  - External: https://ess.unm.edu/programs/current-students/scholarships/external-scholarships/external.html

Looking for Scholarships?

Don't miss the deadlines!

- Incoming freshmen
  DEADLINE: FEBRUARY 1

- Undergraduate summer scholarships
  DEADLINE: MAY 20

- College-wide and transfer scholarships (open to undergraduates and graduate students)
  DEADLINE: JUNE 1

Questions? Contact Maria Catallo at 505.277.5044 or scholarships@unm.edu

https://engineering.unm.edu/students/scholarships

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

- Be a tutor for ESS (see Reminders above)
- Southwest Child Care Inc is hiring staff for this FREE NM Pre-K program
UNM Events/News

- Upcoming vigils for Muhammad Afzaal Hussain

As we mourn the tragic passing of Muhammad Afzaal Hussain, we would like to make you aware of upcoming 2 vigils. We apologize for the short notice on today’s vigil.

Please see attached flyer for information concerning the vigil for Muhammad Afzaal Hussain in Española today.

From APA NM:

In the wake of the recent tragic death of fellow planner Muhammad Afzaal Hussain as well as the other Muslim men in our community, APA-NM is inviting the New Mexico planning community to a Community Dialogue to discuss honoring Muhammad’s legacy as well as ways that we, as planners, can address community safety. If you have questions please contact Richard Perce, APA UNM, at rrperce98@unm.edu.
Please join us at 12:00 PM on August 19th via Zoom. US Representative Melanie Stansbury is scheduled to join us for a portion of the discussion.

Join Zoom Meeting

https://us06web.zoom.us/j/83624779670?pwd=OTg1OGIsLzE1ekd0cGlGNSsyU1Q3dz09

Meeting ID: 836 2477 9670; Passcode: 179196

- International Welcome Picnic
  Saturday, Aug 20, 1 – 4 pm Duck Pond
  GEO is here to support international and traveling students! Please check out all of their services and events: https://isss.unm.edu/programs-events/activities.html
Tips for Landing On-Campus Jobs
Career Services offers a variety of services for students and alumni that support professional and career development. They are hosting a Tips for Landing On-Campus Jobs Workshop Aug. 25 at 12pm!
Please see their list of events here: https://career.unm.edu/events-workshops/upcoming-workshops.html

Suit-up!
Be part of Career Services semi-annual “Suit-Up” event where they partner with JC Penny to provide Lobos with discounts on professional wear.
This event provides a 30% discount for career and professional clothing, shoes, and accessories.
The event is from August 26th- August 28th
Students, staff, faculty, and alumni are welcome to participate!

- **2022 Raza Junta**
  Wed Aug 31 11:30 – 1 pm, Mesa Vista Hall, Ethnic Center Courtyard

- **Join the Fall Graduate Support Workshops (open to all)**
  Our workshop are updated for the first half of the semester, sign up here: [https://ctl.unm.edu/graduate-students/workshops/index.html](https://ctl.unm.edu/graduate-students/workshops/index.html)
Please also check out the PAW certificate program as you take workshops from CTL and other organizations: [https://grad.unm.edu/resources/paw-site/certificate-program/about-certificate-program.html](https://grad.unm.edu/resources/paw-site/certificate-program/about-certificate-program.html)

- **Coffee & Code: Programming Concepts with Python**
  Sept. 2 at 9am: [https://unmevents.unm.edu/site/library/event/coffee--code-programming-concepts-with-python/](https://unmevents.unm.edu/site/library/event/coffee--code-programming-concepts-with-python/)

- **SHAC Workshops:**
Stress & Anxiety Toolbox
Fall 2022 Workshop for Students

There are many causes for stress and anxiety while attending college. Academic stress, social stress, and physical stress all affect mental health. This interactive workshop will provide tools for reducing stress and anxiety especially during challenging times.

When & Where
One-Session Workshop
offered on the following dates:
Thurs., Sept. 8, 7:00 AM-10:00 AM
Thurs., Oct. 13, 9:00 AM-12:00 PM
Thurs., Nov. 10, 10:00 AM-1:00 PM
Thurs., Dec. 1, 8:00 AM-11:00 AM
Via Zoom

What You’ll Learn:
• Identify stress, anxiety and depression
• Tips and tricks on how to manage anxiety
• Rethink your path for positivity

NO CHARGE!
RSVP: studentcounseling@unm.edu
Deadline to Register: 1 Business Day Before Workshop

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Resilience: Build Skills to Endure Adversity
Fall 2022 Workshop for Students

Resilience can offset factors that increase the risk of mental health conditions, such as previous trauma. Learn ways to recover quickly from difficulties.

When & Where
Wednesday, September 7
3:30-4:30 PM
Via Zoom

NO CHARGE!
RSVP: studentcounseling@unm.edu
Deadline to Register: 1 Business Day Before Workshop

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Community Events/Opportunities
- Southwest Child Care Inc is enrolling students into their FREE NM Pre-K program
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
GEM Fellowships (UNM & NMSU - MS & PhD Minorities)
Supporting underrepresented minorities in science & engineering programs. Both fellowships cover full tuition and fees. Final submission deadline is November 15.
Amount: PhD - at least $16k living stipend per year; MS - $16k stipend over entire MS program

NSF Graduate Research Fellowship (MS & PhD students)
Provides three years of support for the graduate education of individuals who have demonstrated their potential for significant research achievements in STEM or STEM education. Women, members of underrepresented minority groups, persons with disabilities, veterans, and undergraduate seniors are strongly encouraged to apply. [Link to useful info page.]

- **10/18/2022** - Computer and Information Science and Engineering, Materials Research, Psychology, Social, Behavioral and Economic Sciences, STEM Education and Learning
- **10/20/2022** - Engineering
In-person event in Puerto Rico

Lead by SACNAS, this conference is the largest multidisciplinary and multicultural STEM diversity event in the country. NM EPSCoR is going, are you?!

More info here!

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

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 @UNMESISCenter

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