Weekly ESS Center Announcements
Week of July 5, 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 yaadeh@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
  o This Week
    ▪ Happy short week.
  o New Announcements
    ▪ Food for Thought: Our Door is Always Open
  o Next Week
    ▪ …get ready for our upcoming Summer Bridge Sessions.
  o Coming Up
    ▪ Summer Bridge Sessions (July 24 – Aug 11)
    ▪ Pre-Semester Prep Sessions (Aug 14 – 18)
  o Reminders
    ▪ Faculty Highlight: Ed Angel
    ▪ Consider being Showcased
    ▪ New MATLAB resources
    ▪ Practice word problems
  o Other ESS Center/SOE News and Info
    ▪ ‘Always there’: Engineering Student Success Center receives AFRL Excellence in STEM Award and more in this week’s Quick Takes from the Dean

• Job/Research Opportunities/Scholarships
  o 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.

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 web app (succESS)

THIS WEEK:
Happy short week! I hope your day off yesterday was fantastic.

NEW ANNOUNCEMENTS:
Food for thought: Our Door is Always Open

Our Door is Always Open

Walk through it whenever you are ready.

NEXT WEEK:
...get ready for our upcoming Summer Bridge Sessions which start July 24, 2023. These aren’t only for our incoming students. They are for all of you!
Summer Bridge Series

Career Readiness

Tuesday, July 25, 2023
10 - 11:15 AM MST

Synchronous in-person
(on the ESS suite - CENT 208D) and
virtual via Zoom
(https://go.soton.edu/esszoom)

Learn more or RSVP (preferred but not required) at
ess.unm.edu/events > July
or through our web-app - success

Possible Career Pathways and the Scientific Method

Wednesday, July 26, 2023
10 AM - 11:15 AM

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

Synchronous in-person
(on the ESS suite - CENT 208D)
and virtual via Zoom
(https://go.soton.edu/esszoom)

Learn more or RSVP (preferred but not required) at
ess.unm.edu/events > July
or through our web-app - success

Summer Bridge Series

Engineering in the Real World & Spatial Reasoning

Thursday, July 27, 2023
10 - 11:15 AM MST

Synchronous in-person
(on the ESS suite - CENT 208D) and
virtual via Zoom
(https://go.soton.edu/esszoom)

Learn more or RSVP (preferred but not required) at
ess.unm.edu/events > July
or through our web-app - success
COMING UP:

- **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 Yadéeh Sawyer and Nada Abdelhack
  - **Where:** Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom ([https://goto.unm.edu/esszoom](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](https://success.unm.edu/events). 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](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.
**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](https://goto.unm.edu/esszoom))

- **RSVP for EACH desired session** at [https://success.unm.edu/events](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.
REMINDERS:

- **Faculty Highlight. See what our faculty study.**
  Read about other highlights on our 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!
Check out our new MATLAB resources
https://ess.unm.edu/resources/academic-support.html
Under “Math & MATLAB (MathWorks) Resources

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.

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 Elsa Marks Castillo at
505.277.5064 or scholarships.unm.edu

From NM EPSCoR:
Patsy Takemoto Mink Scholarship (low-income women and children)
Goal: To Open to low income women with children who are pursuing their first degree at any level (tech degree – PhD). For example, applicants must be pursing a first vocational degree/certificate; OR a first associate's degree; OR a first bachelor's degree; OR a first professional/master's/doctoral degree.
Amount: Up to $5K
Deadline: August 1, MORE INFO.

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
  - External Jobs & Internships: 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. 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

- 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/ req25998.

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 6/20/2023. This is the direct link, but sometimes they don’t work well.
https://unm.csod.com/ux/ats/careersite/18/home/requisition/25998?c=unm&referralToken=zOxUlGBqAkOtpzLbdvEJpA

For more information or if you have problems find the posting, please reach out to Doug Williams at dougwms@unm.edu.
Opportunities at Kennedy Space Center!
Only need a bachelor’s degree!

Kennedy Space Center contract team is currently hiring two positions working in the area of Space Crop Production – one as a starting horticultural scientist and one as a Maker/Engineer.

Horticultural Scientist: Position Description (https://lnkd.in/gV-YGl8) Bennett Aerospace, Inc. has an opening for a highly motivated Scientist located at the Kennedy Space Center, Florida to support analytic or scientific studies in space horticulture and evaluation of experimental results; apply scientific principles in horticultural research and technology development. Member of an experiment or project team. Support various projects which may include growing and evaluating crop plants for space food production for life support systems in future spacecraft for space exploration missions. Apply scientific principles in research and technology development. Generally function in one or more of the following activities: literature review, experiment design and biological analysis.

Maker/Engineer: Position Description (https://lnkd.in/gGMy29FK) Bennett Aerospace, Inc. has an opening for a highly motivated Engineer II located at the Kennedy Space Center, Florida. This position is considered an entry-level engineering or chemist position. Typical responsibilities include designing and developing plans, processes, procedures, functional and data requirements analysis, system analysis, and documentation preparation for complex systems. Engineering disciples preferred for this position include materials, aerospace, chemical, or environmental. Support analytic or scientific studies in space horticultural engineering and evaluation of experimental results; applies scientific principles in engineering, horticultural research and technology development. Member of an experiment or project team. Support various projects: identifying, developing, and building hardware associated with crop plants for space food production for life support systems in future spacecraft for space exploration missions. Apply scientific principles in engineering, research, and technology development. Generally, function in one or more of the following activities: prototype development, hardware testing, and experimental support/maintenance.
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.

- From NM EPScoR
  Call for Papers: New Mexico Journal of Science (students in New Mexico)
  The New Mexico Journal of Science is accepting papers for consideration for the 2023 issue. All papers are subject to a peer review process. There is no cost to authors for publishing and all previous papers can be open source accessed. Papers can be from a variety of scientific disciplines. All novel and previously unpublished work will be considered for publication.
  Best Consideration Deadline: July 15

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
  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!

• **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/).
COMMUNITY EVENTS/OPPORTUNITIES

Check back next week

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 12 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

ESS is located on the 2nd floor of the Centennial Engineering Center #2080
MSC01 1145; Building 112 (UNM Campus Map)