[UNM_STEM-L] Weekly ESS Center Announcements (June 20)

STEM at UNM <UNM_STEM-L@LIST.UNM.EDU>
on behalf of
Yadeeh Sawyer - she.her.ella <yadeeh@UNM.EDU>

Tue 6/20/2023 11:13 AM
To:UNM_STEM-L@LIST.UNM.EDU <UNM_STEM-L@LIST.UNM.EDU>

Weekly ESS Center Announcements

Week of June 20, 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
  - New Announcements
    - Food for Thought: Your Gift
    - Faculty Highlight: Ed Angel
  - Next Week
  - Coming Up
    - Summer Bridge Sessions (July 24 – Aug 11)
• Pre-Semester Prep Sessions (Aug 14 – 18)
  o Reminders
    ▪ Consider being Showcased
    ▪ ESS News: Civil Engineering Undergrads Tackle Space Challenges
    ▪ New MATLAB resources
    ▪ Practice word problems
  o Other ESS Center/SOE News and Info

• 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.
June is National Pride Month

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:
The ESS team is here to support you.

NEW ANNOUNCEMENTS:
Food for thought: Your Gift

We each have our own gift

What is yours and how can you share it with the world?

ESS is here to help you discover and share yours

Faculty Highlight. See what our faculty study.

Read about other highlights on our Read about other highlights on our [webpage dedicated to just this](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAOELIpHhaERRsy9zKzg23Lk%3D).

This posting is for Dr. Ed Angel within the Computer Science Department.

Most of Ed Angel’s career involves computer graphics and visualization. We see both in so many ways now from computer games and movies to seeing the images from space telescopes to helping medical personal visualize the inside of the body using new technologies. At UNM, he taught mostly computer scientists and engineers about these areas but as time went on he and his graduate students started working with artists, architects and others across the campus. That led to the creation of the Art, Research, Technology and Science Lab (ARTS Lab), a unique interdisciplinary center at UNM that works all these groups. Many of the students that have been through the ARTS Lab are now at Meow Wolf, game companies, movie studios and the National Labs.

An example of his work is the Digital Pueblo Project which combined Arts and Technology to promote economic development among the communities in New Mexico through collaborative graphics and animation projects. Ed was also coPI on the NSF CE21 Project New Mexico Computer Science for All which worked with teachers across the state to bring Computer Science and Computational Thinking into NM high schools. Other projects included the NSF Partnerships for Innovation Project “A Consortium for Full-dome Development” with the ARTS Lab, the Santa Fe Complex and the Institute for American Indian Arts.
**Next Week:**

The ESS team will be here next week to support you, too.

**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. 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**)

- **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.
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!

ESS News: Civil Engineering Undergrads Tackle Space Challenges
… by Preliminary Research on Designing Construction Materials for NASA MINDS Challenge
Read all about it on our ESS News Page.

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
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**
• **Make a Splash! Join Our Team as a Part-Time Swim Instructor!**

*Group interviews are being held THIS Wednesday (June 21) and Saturday (June 24), so don’t wait!*

Are you passionate about the water? Do you have a knack for teaching and inspiring others?

We are seeking a dedicated and enthusiastic part-time swim instructor to join our team and make a real impact on the lives of aspiring swimmers!

At Nicole’s Swim School, we believe that swimming is more than just a sport—it’s a life skill that builds confidence, fosters physical fitness, and promotes a deep respect for water safety. As a swim instructor, you will have the opportunity to make a positive difference in the lives of our students, helping them develop essential skills while creating lasting memories.

🌟 **What You’ll Do:** 🌟
- Teach swimming techniques to students of various ages and skill levels.
- Create a safe and inclusive learning environment, nurturing each student’s abilities and fostering a love for swimming.
- Develop personalized lesson plans that cater to individual needs, ensuring progress and achievement.
- Instill water safety practices and promote a culture of respect for the water.
• Encourage and motivate students, building their self-esteem and confidence in and out of the pool.
• Collaborate with fellow instructors and support staff, sharing best practices and ideas to enhance the learning experience.

🌟 What We Offer: ✨
• Competitive compensation and part-time scheduling.
• Ongoing training and professional development opportunities to enhance your skills as an instructor.
• A positive and supportive work environment that values teamwork, creativity, and passion.
• The chance to be part of a close-knit community, connecting with students and their families on a personal level.
• The joy of witnessing the progress and achievements of your students, knowing you've played a significant role in their journey.

🌟 What We’re Looking For: ✨
• Experience as a swimmer or swim instructor is preferred, but a genuine passion for teaching and swimming will also be considered.
• Strong communication and interpersonal skills, with the ability to connect with students of all ages and backgrounds.
• Patience, empathy, and a nurturing attitude to guide students through their learning process.
• A commitment to safety and the ability to remain calm and composed in challenging situations.

Join our team and become part of something extraordinary! Together, let's inspire the next generation of confident swimmers and water enthusiasts. Apply now to be a part-time swim instructor at Nicole’s Swim School and make a real difference in the lives of our students!

To apply, Text Russell at 505-228-3398 and please send your resume and a brief cover letter outlining your passion for swimming and teaching to russellsmithltd@gmail.com

We can't wait to hear from you!

💦 Dive into the future with us! 💦
UNM Events/News

- **Grand Challenges-Culturally Responsive Literacy Team Event**
  Tuesday, June 20, 1:15 – 2:45 PM and 3 – 4 PM.
  In person Calvin Hall 182 or via Zoom ID 9332 2977 266

  Grand Challenges
  Culturally Responsive Literacy Team
  presents

  Exploring Ways to Bridge the Gap:
  How Can We Bring Culturally Responsive Pedagogy to Higher Ed. Classrooms
  in an Effective and Transformative Way?
  1:15-2:45 p.m. Tuesday, June 20
  In-person: Calvin Hall 182/184
  Or join via Zoom:
  https://unm.zoom.us/j/98865723288

  Understanding the Current Policy Landscape of Research on Teaching Reading:
  What is Missing from this Conversation for New Mexican Teachers, Children and Families
  3-4 p.m. Tuesday, June 20
  In-person: Calvin Hall 182/184
  Or join via Zoom:
  https://unm.zoom.us/j/93322972266

- **WRC Director Finalists!**
  There have been two finalists selected for the Women’s Resource Center Director position and we are inviting **all of you** to come to the Open Forums at the Student Union
Building (SUB.) Get to know the finalists, ask questions and give us your opinion. Your voice matters!

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)*

- **UNM Comes Out for Pride**
  Lots of UNM Pride Month activities going on!

- **UNM Comes Out for Pride Block Party**
  June 23, 4 p.m., at UNM LGBTQ Resource Center

- **Pride on the Pitch: New Mexico United**
  June 24, 7 p.m., at Isotopes Stadium
  Free tickets for the first 15 UNM affiliates who [sign up](http://news.unm.edu/news/unm-lgbtq+-resource-center-kicks-off-pride-month)

- **Queering UNM History**
  June 28, 12 p.m., at SUB rooms Lobo A&B

- **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](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://unm.edu))