Weekly ESS Center Announcements
Week of February 22, 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
  - This Week
    - Presentations, oh my! What is a Conference? (Feb 22)
    - Build With Robots Tabling Event (Feb 22)
    - Lab Safety Series – Part 2 (Feb 22)
    - ACED Tech Skills Sessions (Feb 24)
  - New Announcements
    - Present at UROC! Abstracts due Feb 28
  - Next Week
    - Presentations, oh my! Delivering Presentations? (Mar 1)
    - Inclined Planes & Curved Surfaces (Mar 3)
    - Fundamentals of MATLAB (March 4)
  - Coming Up
    - Presentations, oh my! (Tuesdays, Mar 8 & Mar 22)
    - ESS Twitch – Rocket League (Mar 9)
  - Reminders
    - ESS Spring 2022 Tutors now available
    - Join our events – Win a Gift Card
    - SOE Internships Available!
    - 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

Stay informed via our app!
“engineering your success”
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 (Feb 20 – 26) is National Engineering Week
(Photo from https://tataandhoward.com/)

This week (Feb 21 – 27) is National Eating Disorders Awareness Week
UNM has again been asked and agreed to support the National Eating Disorders Awareness Week by lighting the outside of the Pit in teal! This will be the 3rd. year UNM has supported this effort. The NED Awareness aims to have an iconic building in each state participate in the lighting and promotes it via social media with the main hashtag #NEDAwareness:

30 million people in the U.S. will struggle with a life-threatening eating disorder in their lifetime. The NED Awareness Association (NEDA) supports individuals and families affected by eating disorders, and serves as a catalyst for prevention, cures and access to quality care.

February 21 – 27, 2022
NATIONAL EATING DISORDERS AWARENESS WEEK

February is Black History Month

Celebrating Black History Month by recognizing

BLACK PIONEERS in Engineering

THIS WEEK:

- **Presentations, oh my!**
  - **What:** Presentation Prep Series
  - **When:** Across 4 Tuesdays from 11 AM - 12:30 PM - PIZZA INCLUDED!
  - **Where:** Synchronous in-person (Centennial Science and Engineering Library (CSEL) - DEN 2) and virtual via Zoom (https://goto.unm.edu/esszoom)
  - **Topics:**
    - 2/22/22. What is the Conference? (RSVP)
      Are you a new researcher looking to present on your research, but need some help understanding conferences? Attend this workshop to learn about the structure of conferences the expectations for turning your paper into an effective presentation. We will discuss expectations for conference panels, managing technology and other issues, and strategies for engaging with comments and critiques during the event, among other things. The workshop will emphasize practical tips and we encourage
you to bring your questions and concerns! Following the presentation, students will have the opportunity to put tips into practice in a workshop setting driven by individual interest, which can include: editing, seeking feedback on, and sharing ideas or concerns about presentations with the help of instructors and peer attendees.

Check March at [https://ess.unm.edu](https://ess.unm.edu) for additional topics in this series.

- **Partners/Presenters:** Jairo Marshall with the GRC, UNM Librarians Lori Townsend, Amy Jankowski, and Holly Surbaugh and ESS's very own Yadéeh Sawyer.
- **RSVP** is not required but is preferred and is a great way to get a 1 week before and the day before reminders (see each event).

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**Presentations, oh my!**

Free Pizza!

- **2/22** What is the Conference?
- **3/1** Delivering Presentations
- **3/8** Developing Presentations
- **3/22** Data visualization

Tuesdays
11 AM - 12:30 PM
Centennial Library
Den2

Learn more or RSVP (preferred but not required) at [ess.unm.edu/events](https://ess.unm.edu/events) > Feb & March or through our app - succESS

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**Build with Robots** tabling session
2/22 from 11-1 in the Centennial center, 1st floor.

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**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](https://unm.zoom.us/j/94545196176))
- **Topics** (Attend all 3 and earn a Lab Safety Certificate from Environmental Health & Safety):  
  - 2/22/22 Part 1: Hierarchy of Hazard Control & PPE (coming soon)
- **Partners/Presenters:** Environmental Health & Safety
- **RSVP** is preferred but not required. RSVP will get you week before and day before email reminders. RSVP for EACH desired session at [https://ess.unm.edu/events](https://ess.unm.edu/events) > Feb, Mar, Apr or our succESS app ([https://success.unm.edu/events](https://success.unm.edu/events)).
ACED Tech Skills Sessions: Title: Fundamentals of Project Management - 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.

- What: Career and Professional Development Event
- When: Thursday, February 24, 2022. 4 - 6 pm MT (5-7 pm CT)
- Where: Live at Centennial Engineering Center, Suite 2080 and Broadcast via Zoom https://unm.zoom.us/j/97377022577
- Partners/Presenters: UNM Engineering alumnus

NEW ANNOUNCEMENTS:

- We have a new Student Showcase: L. "Zyri" Wilds. Blacksmithing.
  Check it out on our page dedicated to our student showcases.
**UROC returns as Hybrid, Abstracts due 2/28!**

Our annual UROC is coming **April 7th** with an **abstract submission deadline of 2/28**. Please visit uresearch.unm.edu to see upcoming workshops and to submit an abstract for either an oral, a poster, a UROC180 (3 min presentation) or submit to the Research Story competition! There are **CASH PRIZES** associated with the UROC180 and Research Story competition! As well as audience participation (info for that coming soon). Reach out to jcham@unm.edu with any questions.

**NEXT WEEK:**

- **Presentations, oh my!**
  - **What:** Presentation Prep Series
  - **When:** Across 4 Tuesdays from 11 AM - 12:30 PM - **PIZZA INCLUDED!**
  - **Where:** Synchronous in-person (Centennial Science and Engineering Library (CSEL) - DEN 2) and virtual via Zoom (https://goto.unm.edu/esszoom)
  - **Topics:**
    - 3/1/22. Delivering Presentations (RSVP)
      - Are you gearing up for a conference or course presentation? Do you get nervous about presenting or do you want to know how to prepare a presentation from a mental and constructive feedback perspective, as well as how to orally deliver both oral and poster presentations effectively and with confidence.
      - **Partners/Presenters:** Jairo Marshall with the GRC, UNM Librarians Lori Townsend, Amy Jankowski, and Holly Surbaugh and ESS's very own Yadéeh Sawyer.
      - RSVP is not required but is preferred and is a great way to get a 1 week before and the day before reminders (see each event).
  - **Inclined Planes & Curved Surfaces** - In this workshop, students focus on expanding and applying the knowledge learned in workshops 1-4 to shapes with inclined planes and curved surfaces. A full explanation of how orthographic and isometric views apply to such shapes is provided. Students then practice by building shapes with an inclined plane or curved surface and drawing the isometric views. Then they individually answer workbook problems. They also practice creating orthographic views for inclined planes and curved surfaces in an interactive Orthographic Telephone exercise. For additional explanation of these concepts, students also read and complete a software exercise.
    - **What:** Spatial Visualization Series
    - **When:** Thursday, March 3, 2022. 4 - 5:30 PM.
    - **Where:** Synchronous in-person (in the ESS suite Computer Pod - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)
    - RSVP is preferred but not required. RSVP will get you week before and day before email reminders at https://ess.unm.edu/events > Mar or our succESS app (https://success.unm.edu/events).
The Fundamentals of MATLAB - introductory hands-on workshop.

- What: 1st & 2nd Year Student Event Series
- When: Friday, March 4, 2022. 3 - 5:30 PM.
- Where: Synchronous in-person (in the ESS Computer Pod - CENT 2080) and Virtual via Zoom ([https://goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))
- Presenters: Mekiel Olguin
- More info: Make sure you have MATLAB on your computer. This is available for free to UNM Students via [it.unm.edu/downloads](https://it.unm.edu/downloads).
- RSVP is preferred but not required. RSVP will get you week before and day before email reminders at [https://ess.unm.edu/events](https://ess.unm.edu/events) > March or our succESS app ([https://success.unm.edu/events](https://success.unm.edu/events)).

COMING UP:

- Presentations, oh my!
  - What: [Presentation Prep Series](https://ess.unm.edu/events)  
  - When: Across 4 Tuesdays from 11 AM - 12:30 PM - **PIZZA INCLUDED!**
  - Where: Synchronous in-person ([Centennial Science and Engineering Library](https://success.unm.edu/events)) - DEN 2) and virtual via Zoom ([https://goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))
  - Topics:
    - 3/8/22. Developing Presentations (RSVP) Are you gearing up for a conference or course presentation? Attend this workshop to learn actionable strategies to maximize the impact of your presentations. The event will begin with a talk focused on how to present your research in context, create engaging visual slide or poster components to enhance your message, and tools that can
3/22/22. Data visualization (RSVP) Are you preparing for a conference or course presentation? Are you looking for creative and effective ways to share or visualize data? Attend this workshop to learn about the basic principles of presenting data in slide or poster presentations, effective strategies to visualize your data for comprehension and impact, and tools that can help. Following the presentation, students will have the opportunity to put tips into practice in a workshop setting driven by individual interest, which can include: editing and seeking feedback on data visualization drafts, sharing ideas, and testing out data visualization tools with the help of instructors and peer attendees. Attendees are encouraged to bring personal laptops and presentation materials for hands-on editing and/or practice. Laptops are also available for checkout at the library circulation desk.

- Partners/Presenters: Jairo Marshall with the GRC, UNM Librarians Lori Townsend, Amy Jankowski, and Holly Surbaugh and ESS's very own Yadieeh Sawyer.
- RSVP is not required but is preferred and is a great way to get a 1 week before and the day before reminders (see each event).

- Rocket League on Twitch - Join the ESS Center and the UNM Esports Club to answer your questions about UNM Engineering & Computing.
  - What: 1st & 2nd Year Student Event Series
  - When: Wednesday, March 9 and April 6, 2022. 7-8 PM.
  - Where: https://twitch.tv/unmesports
  - RSVP is preferred but not required. RSVP will get you week before and day before email reminders. RSVP for EACH desired session at https://ess.unm.edu/events > March & April or our succESS app (https://success.unm.edu/events).

Reminders:

- ESS tutors are now available for Spring 2022
  https://ess.unm.edu/services/tutoring/index.html

- Join us in the Spring 2022 semester for YOUR CHANCE to win a gift card!
  We award winners based on most attended (with bonus points for providing feedback). Attend our sessions to WIN a gift certificate, GAIN experience, BUILD your skillset, and ENHANCE your resume!

- Check out our ESS Resource pages!
  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:

- IEEE general meeting & Game Night
  Join us for our general meeting this Wednesday, February 23, from 3:30 PM - 4:30 PM at the IEEE Lounge or through the teams meeting! Here is the link to the teams meeting:  https://teams.microsoft.com/l/meetup-join/19%3ameeting

  Game Night: This Sunday, February 27th from 6 PM - 8PM, we will be having a game night. Come join us as we will play fun games such as Jackbox Games, Among Us, Skribbl.io and other games too!

- SWE Meeting
  Tuesday, February 22nd, 2022, 5:30-6:30pm
  Zoom Link: https://unm.zoom.us/j/99796584962 Password: SWEsters

  We will have Rochelle Larson presenting on her journey with SWE, how to be more involved, and more! She has been a member of the Society of Women Engineers (SWE) since 2008 and has served in various leadership capacities for the section and society since 2013. She has served as the Section President of the Central New Mexico SWE section in Albuquerque and is currently serving as the Local Host Committee Chair for the 2022 WE Local Albuquerque conference. We hope you all will be able to tune in and help us welcome Rochelle!

Job/Research Opportunities/Scholarships
(Graduate Students – see our page dedicated to additional funding and job opportunities for you: https://ess.unm.edu/programs/current-students/for-graduate-students.html)
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.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
  This includes our SPSP Internship Program. Are you a Junior, Senior, or Graduate student in an Engineering or Computing field? Learn more at [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

- Want to work in Space? Anyone in engineering/science and is interested in staying in ABQ (or moving to LA, DC or Colorado) and working in Space - Aerospace is hiring a bunch of roles and Dr. Russel Cooper has offered to help shepherd graduating students through the application process. He said “It’s a good place to work and we have a fairly diverse set of jobs.”
  https://aerospace.org/careers?gclid=EAIaIQobChMImenpgs279j9q1VBNN3Ch1X7q9aEAAYASAAEoJ_l_D_BwE

- Paid Internship/Teaching Assistant

  I am the Gifted Education Liaison at Albuquerque Public Schools. We are seeking applicants for a paid position for Math Discovery Academy for this summer.

  **Math Discovery Academy** is a comprehensive program to create pathways for rising 7th graders (current 6th grade students) to become scientists, mathematicians, engineers, and programmers. We aim to serve students who are historically marginalized in STEM. This entails students who are Black, Latinx, Indigenous; from low-income families; first-generation college goers; those not already tapped into academic enrichment.

  The teaching assistant serves as a support for classes on topics such as number theory, combinatorics, problem solving, and programming. They will be a role model and guide for students who are just beginning to set their educational path and create a vibrant social experience for
The camp runs from June 13-July 15th from 8:30-3:30 daily with two training days on the 9th and 10th (all paid). The salary is $18.00 an hour.

If you could share this with the members in your club or display our flyer, we would greatly appreciate it. Don’t hesitate to reach out or have your team members reach out if you have further questions. Thank you for your time.

https://pub.lucid.app/1fa24846-c144-4ef5-8e2b-81f356307a7d/

Best,
Carol Leyendecker
Gifted Education Liaison
Albuquerque Public Schools
leyendecker@aps.edu

• An opportunity for undergraduate research in Columbia
This International Research Experiences for Students (IRES) program will provide undergraduate students with an eight-week international research experience working with mentors from Penn State and Universidad Militar Nueva Granada in Colombia. Projects will focus on studying how environmental factors impact plant-pollinator interactions in mountain ecosystems. Students will participate in interdisciplinary research guided by mentors representing entomology, ecology, engineering, and climate science. Students will receive $4,000 for their participation in the program from June 6th to August 5th 2022. Applications are due on March 1st. For more information on how to apply and the complete list of requirements please visit: https://lopezuribelab.com/2022/02/03/2022-nsf-ires-pollinators-in-changing-climates-colombia/ or email José D. Fuentes, Email: juf15@psu.edu or Margarita Lopez-Uribe, Email: mml64@psu.edu

• New Student Orientation Leader Applications are open!!!
If you have any questions, please don’t hesitate to reach out to our office. 505-277-3096
We also have our virtual office hours.
https://unm.zoom.us/j/93021169619
The UNM Collegiate Recovery Center is located in B67E Logan Hall (Dept. of Psychology) and supports students in achieving their academic goals while maintaining their recovery.

The UNM Collegiate Recovery Center is dedicated to supporting all students in recovery from addiction, at any point on their journey. We offer a dedicated, safe space for students in and seeking recovery to participate in programming and services specific to their needs and to interact with those who share their experience. Most importantly, we are here to encourage students to engage with their recovery community in a meaningful and purposeful way.

**CRC Spring 2022 Hybrid/Virtual Meeting Calendar (Links and Descriptions)**

**Tuesdays/Thursdays**
- **12 Step Topics Meeting** - 3:30pm to 4:30pm (facilitated by Crystal – B67E Logan Hall and Zoom)
  - [https://unm.zoom.us/j/91538891918](https://unm.zoom.us/j/91538891918)

**Wednesdays**
- **Meditation Meeting** – 2pm to 3pm (facilitated by Denise – B67E Logan Hall and Zoom)
  - [https://unm.zoom.us/j/93321323018](https://unm.zoom.us/j/93321323018)
- **Women's Recovery Meeting** – 6pm to 7pm (facilitated by Marni – Zoom only)
  - [https://unm.zoom.us/j/92645345656](https://unm.zoom.us/j/92645345656)

**Thursdays**
- **All Recovery Meeting** – 7pm to 8pm (facilitated by Marni – Zoom only)
  - [https://unm.zoom.us/j/95505742346](https://unm.zoom.us/j/95505742346)

**Meeting Descriptions**

**12 Step Topics Meeting**
A non-traditional, open forum around 12 step recovery. This meeting will be centered around connecting with others within the recovery community, whether you are new, in long-term recovery, or just curious about what the 12 steps are. This is a safe and confidential place, welcoming all who are looking for on campus recovery support.

**Meditation Meeting**
This meeting will begin with a 20-minute meditation and follow with optional recovery check in and discussion. All students in and seeking recovery are welcome. No level of meditation skill is required.

**Women's Meeting**
This is a topical recovery meeting for anyone who identifies as female and wishes to engage in meaningful discussion and support.

**All Recovery**
An All-Recovery meeting welcomes all who struggle with addiction. Meetings are “non-denominational”, meaning all pathways of recovery are embraced here.

Email recovery@unm.edu with any questions 😊

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**2022 CTSC Health Hackathon and Jumpstart**
[https://hsc.unm.edu/ctsc/events/hackathon/](https://hsc.unm.edu/ctsc/events/hackathon/)

The deadline for the Jumpstart is today, but the Health Hackathon registration is still open until March 1.

Registration for the Health Hackathon Jumpstart Design Thinking Workshop closes at 12:00 noon - Tuesday February 22.

This workshop is free, refreshments provided, but seating is limited, be sure to click here to Register.

Jumpstart is a great opportunity for experienced hackers or beginners. This hands-on workshop guides you through the key points on pitch presentations, the flow of the Hackathon weekend, and gives you a head start on the design and prototyping process.
Win $ in the UNM Student Team Research Competition

Calling all undergraduate students!

Consider submitting a student team research concept proposal to share virtually at the 2022 UNM Team Research Symposium (April 19-21). Six teams will receive monetary awards, with the winning team receiving $2000, split among all team members.

Teams must include at least 2 UNM undergraduate students from different majors and all majors are eligible to participate. All team members must be pursuing a bachelor’s (4 year) degree and identify a collaborative research problem to address. This could be the design of a new process, creation of a new technology, or development of a research plan for a pressing question. Teams are not expected to conduct the research but rather will submit a proposal to demonstrate their thinking and research design process to the judges.

Proposals are due by 5pm on 3/1, please visit this website for further details and to submit!

https://urad.unm.edu/strc.html

Recruiting for Spring Teaching Conference undergrad panel

The UNM Center for Teaching & Learning, along with other campus partners, is hosting the Spring Teaching Conference that will feature a keynote and workshop from Dr. Laura I. Rendón, various presentations on feminist pedagogies, and undergraduate and graduate student panels focused on teaching that matters.

CTL is are looking for undergraduate students who would like to participate in a virtual panel on March 3, 2022, from 12-1pm. The panel is titled, “Hearing from our students: what kind of teaching matters to them?” The panel is an opportunity to hear directly from undergrad students about meaningful teaching experiences they have had, how student needs have changed over the course of the pandemic, areas that need further institutional or faculty attention, and in general, what they value as students in the classroom.

CTL staff will moderate the panel and provide facilitation questions in advance, as well as work with students to rehearse and practice as a group. CTL hopes to include a range of student voices and backgrounds and so it's important to get the word out to as many students as possible.
BioBlog - Fearing Feathered Fowl Afoot
The moment you have all been waiting for with bated breath has arrived - the posting of this week’s BioBlog. This week you shall be treated to a riveting essay on birds, with information you didn’t know you needed, but actually did. The title is ‘Fearing Feathered Fowl Afoot’ and it was written by our own BioBlog co-producer, Jenna McCullough, a grad student in Mike Andersen’s lab.

The link is: [http://unm-bioblog.blogspot.com/2022/02/fearing-feathered-fowl-afoot.html](http://unm-bioblog.blogspot.com/2022/02/fearing-feathered-fowl-afoot.html)

Lobo Day 2022

Midterm Prep with CAPS
You can request group sessions or individual or small group meetings.

Lobo Food Pantry Spring 2022 Hours

[subroom 1095]

spring 2022 hours

monday, wednesday, friday
11:30am - 1:30pm

tuesday, thursday
open 5pm

or outside of hours by appointment
call 505-374-9313

[student union building]
**Student Organizations.**
There are more than 25 student organizations focused on Engineering and computing, some of which are field specific (https://ess.unm.edu/programs/current-students/student-organizations/index.html). And more than 400 student organizations on campus. So you can find many groups of people that have shared interests (https://sac.unm.edu/).

**The Pack.**
https://thepack.unm.edu/ A student blog that looks at the lives of UNM students through their own experiences.

**Office of Career Services.**
https://career.unm.edu or 505-277-2531. Help with resumes, cover letters, interviewing, and much more. All for FREE. And, don’t forget that within ESS, Nada can help with resumes and cover letters, and Yadée with CVs.

**Men of Color Initiative (MOCI).**
https://menofcolor.unm.edu or 505-277-7000. a project of the Division for Equity and Inclusion that focuses on educational success and the well-being for men of color.

**Women’s Resource Center (WRC).**
https://women.unm.edu or 505-277-3716. This center is similar to the approach of the Ethnic centers, with an aimed at encouraging women’s self-determination, community engagement, advancement of women’s rights, and equity. The WRC provides the resources and tools necessary to enhance success within academic and professional aspects of students’ lives.

**Lesbian, Gay, Bisexual, Transgender, Queer Resource Center (LGBTQ).**
https://lgbtqrc.unm.edu or 505-277-5428. offers both a safe, physical environment for LGBTQ students and partner programing for broader campus inclusivity.

**Manzanita Counseling Center.**
Free Counseling 505-277-7311. a community outreach program provided by the University of New Mexico Counselor Education Program. The Manzanita Counseling Center has been in existence for over 25 years and is the only free counseling clinic in Albuquerque.

**Accessibility Resource Center (ARC).**
https://arc.unm.edu or 505-277-3506. recognizes individuals with disabilities as an integral part of a diverse community and is committed to the provision of comprehensive resources to the University community (faculty, staff, and student) in order to create equitable, inclusive, and practical learning environments. This includes if you have a temporary need.

**Veterans Resource Center (VRC).**
One-Stop.  
http://allaccess.unm.edu/ 277-8900. Where student go for assistance with financial aid, admissions, scholarships, records, and registration support.

Bookstore.  
http://bookstore.unm.edu/ 277-5451. Purchase or rent textbooks and materials for their learning needs. The bookstore also carries UNM swag, snacks, leisure and best selling books and more.

Popejoy Hall.  
http://popejoypresents.com/ 277-8010. The largest premier performing arts center in New Mexico. Popejoy hosts touring Broadway shows, symphony concerts, musical soloists and artists of international caliber, world-renowned ballet and modern dance companies, and noted speakers from a broad spectrum of disciplines.

Student Union Building (SUB).  
http://sub.unm.edu/ 277-2331. Houses a food court, but also much more. They have a movie theater, a bank, a store, a game room, the Lobo Office, study and lounge areas, computer pods, meeting rooms, and more.

La Posada Dinning Hall.  
https://www.dineoncampus.com/unm 277-4590. Student dining hall. You will have a meal pass if you live in the dorms, but you can also buy individual meals. They have a chef station, salad bar, grill items, comfort foods, and much more.

Lobo Food Pantry.  
Offered by the LoboRESPECT Advocacy center. 277-2911. They have limited hours, so check before you go. The pantry will provide students with shelf-stable and canned foods, toiletries, detergent, paper products and personal care products – such as feminine hygiene products, diapers, and formula.

Transportation.  
- City Bus. UNM has a partnership with the City of Albuquerque so that ALL UNM students can get a sticker on their ID card that allows them to ride the city bus for FREE (http://pats.unm.edu/alternative-transport/index.html & https://www.cabq.gov/transit).  
- UNM Shuttle. UNM also has their own internal shuttle system. It takes you from remote parking lots, but there is also a line that goes around campus.  
- Parking & Transportation Services (PATS). If you plan on having a car, you’ll need a parking permit and make sure you follow the parking rules so you don’t get a ticket. You can find all that information on the PATS website (http://pats.unm.edu/). You can also track your bus or the city bus through the Where’s My Bus app.

**Community Events/Opportunities**

Los Alamos National Laboratory Celebrates Engineers Week

John Sarrao, Deputy Laboratory Director for Science, Technology, and Engineering, and James Owen, Associate Laboratory Director for Weapons Engineering (ALDW), invite you to celebrate National Engineers Week 2022 with Los Alamos National Laboratory. The event takes place online February 23 – 24, 2022. Please see the attached flyer for registration information. The theme for this year is Reimagining the Possible with a focus on how engineers are changing the world all the time by providing solutions to worldwide problems. Successful application of these solutions will make the world a better place for everyone. There will be keynote addresses, overview speeches, “Engineering in 5” presentations and virtual poster presentations on a wide range of engineering topics. Please see the attached agenda for more information. All times on the agenda are Mountain Standard Time. All presentations/discussions for this event are at the Unclassified level. As this event is open to the public (invited institutions, select colleges, regional schools, etc.), there is the potential for foreign nationals to join. All LANL presentations have been reviewed to insure unclassified content as well as for any Export Controlled and Proprietary Information concerns. Non-LANL presenters are responsible for ensuring their presentations meet their organization’s policies regarding the same. We hope to “see” you there!

Thank you,

Jay Carnes, Engineering and Technology Design Division Leader

Charles (Chuck) Farrar, Engineering Institute Leader, National Security Education Center

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**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.
**NSF CPS Frontier: Cognitive Autonomy for Human CPS Summer Internship**

If you are interested in learning about the different research projects available through the SIRI program, then please take a look at their [project page](#). These are summer internships and are available to all undergraduate sophomores, juniors, and seniors, regardless of citizenship status. If you are a freshman who is interested in working with cyber-physical systems, I would still recommend for you to email the PI leading the research project you are interested in and applying to the program.

The deadline for the SIRI Internship application is February 21st.

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**NM Space Grant Fall 2022 - Spring 2023 Scholarships and Fellowships - Applications OPEN**

Fall 2022 - Spring 2023 Scholarships and Fellowships – Application deadline April 11, 2022

New Mexico Space Grant Consortium (NMSGC) is accepting applications for scholarships and fellowships for the fall 2022 and spring 2023 semesters. The application period will close on April 11, 2022.

NMSGC offers scholarships and fellowships to students enrolled in any community college or university in New Mexico. Applicants must be U.S. citizens, have a 3.0 GPA or above, and must be majoring in a STEM field, with exception of the Pre-Service Teaching Undergraduate Studies Scholarship and the In-Service Teacher Graduate Studies Fellowship. You will find attached the guidelines/requirements for the scholarships.

The Fall 2022 – Spring 2023 scholarships and fellowships offered are:

1. Graduate Research Scholarship – $5,000 per academic semester, up to four semesters.
2. Undergraduate Research Scholarship – $2,500 per academic semester, up to four semesters.
3. Community College Student Scholarship – $1,000 per academic semester, up to two semesters.
4. In-Service Teacher Graduate Studies Fellowship – $2,500 per academic semester, up to two semesters.
5. Pre-Service Teaching Undergraduate Studies Scholarship – $2,500 for only one semester.

To view and download the Fall 2022 - Spring 2023 Scholarships and Fellowships flyers, go to: [https://drive.google.com/drive/folders/1g8ljxN40zKCP1qv7c1q1U4KKe6qK2i-?usp=sharing](https://drive.google.com/drive/folders/1g8ljxN40zKCP1qv7c1q1U4KKe6qK2i-?usp=sharing)

For more information, or to apply, go to [https://nmspacegrant.com/](https://nmspacegrant.com/) and click on the “Student Support” tab. For questions, contact Cristina Esquivel at cmesquiv@nmsu.edu

Please distribute this information among your network.

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**Summer 2022 REU at the University of Central Florida**

NSF-DoD REU Site: Advanced Technologies for Hypersonic, Propulsive, Energetic, and Reusable Platforms (HYPER) at the University of Central Florida (UCF).

HYPER addresses challenges in aerospace travel and energy production, advancing the fundamental knowledge needed to overcome technical barriers limiting hypersonic flight. The 10-week program will be held this summer from May 22nd – July 30th, 2022. Participants will gain hands-on research training in challenges such as: utilizing advanced manufacturing techniques for high-value components, integrating in-site monitoring of stress-strain evolution, developing novel methods for improved internal cooling and heat transfer effectiveness, and mitigating flutter through advanced rotor dynamic control. Many of these challenges rely on approaches that cut across disciplines and research techniques.

We are actively recruiting a diverse group of participants. These students will:

- Conduct hands-on research guided directly by a faculty mentor and their graduate student(s)
- Interact with a diverse multidisciplinary team of researchers
- Visit the NASA Kennedy Space Center and various aerospace companies
- Participate in professional development workshops
- Gain in-depth training on numerical simulation software ANSYS
- Prepare for graduate school and a research-based career
- Engage with other REU groups located at UCF

Each HYPER REU participant will receive a summer stipend of $5,000, on-campus housing, and a travel allowance to and from Orlando, Florida. To learn more about the program, please visit our website at cater.cecs.ucf.edu/hyper/ or view the HYPER REU flyer.

The application deadline for HYPER is Sunday, March 13th, 2022 at 11:59 PM ET. Prospective participants may apply at cater.cecs.ucf.edu/hyper/apply/.

The organizers of the program are Drs. Ali P. Gordon and Jeffrey L. Kauffman (hyper@ucf.edu). I hope that you will let us know if you have any questions about the HYPER REU program or the University of Central Florida.

- **ScholarSHPE**
  The ScholarSHPE program helps fill the gap in the Hispanic education pipeline from high school through to successful career placement in STEM fields. For the 2021-2022 academic year, SHPE provided over $1,000,000 in scholarships. This year YOU could be one of those recipients!

  Applications are due April 30. Want help? Register now for our weekly series of webinars. [Get the details >](https://www.scholarshpe.org)

**UNM EVENTS/NEWS**
(Listed in Chronological Order)
(Repeat/Continuous opportunities are listed below Jobs/Research Opportunities/Scholarships)

- **Celebrate Black History Month**
  For more information about each of these programs, please visit African American Student Services events page or click [HERE](#).

  ![Black History Month](image)

- **Spring 2022 Library Workshops**
  **Coffee & Code**
  The Coffee & Code workshop series presents a variety introductory workshops on data science tools and technologies that are commonly used in current analysis processes and in generating research products (data, statistical output, data visualizations). Adoption of these tools contributes to significant increases in efficiency, productivity, and improved data management throughout the research and data lifecycle - from problem definition, through analysis and visualization, to sharing/publication and preservation of products. Please join us for any or all of these workshops and see how you can increase your research productivity and impact through the adoption of powerful analytic and data management tools. Workshops are held Fridays, 9-11am on Zoom.

  - February 25: Systematic Review. [Registration](#)
  - March 4: Reproducibility and Communication using R markdown and Jupyter Notebooks. [Registration](#)
  - March 18: Special Topic TBD. Registration coming soon.
  - April 15: Portable and sharable analysis environments using Docker containers. [Registration](#)
  - April 29: Special Topic TBD. Registration coming soon.
  - May 6: Open discussion of data management, analysis needs and interests. [Registration](#)
Intro to Zotero Citation Management

Students and researchers, join us to learn about Zotero software, a bibliographic manager that can help save you time! Learn how to use this system to streamline how you collect and organize your research literature. We will also review the role of extensions within web browsers and those used for writing processor integration, like a Microsoft Word extension used to create bibliographies and in-text citations that are formatted according to style specifications for your papers and other assignments.

Wed. March 23, 1-2pm (in Zimmerman, room B30): Registration
Tues. April 5, 3-4pm (in Zimmerman, room B30): Registration

- GRC Spring Workshop Schedule
  [https://grad.unm.edu/resources/paa-site/certificate-program/about-certificate-program.html](https://grad.unm.edu/resources/paa-site/certificate-program/about-certificate-program.html)

- Lobo Food Pantry Spring Hours
  [https://loborespect.unm.edu](https://loborespect.unm.edu)

- SHAC (Student Health & Counseling) Zoom Workshops
  NO CHARGE! RSVP: studentcounseling@unm.edu. Deadline to Register: One Business Day before each workshop
  For more workshops, see: [SHAC Workshop Webpage](https://loborespect.unm.edu)

COMMUNITY EVENTS/OPPORTUNITIES

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)
Green Zone and Dream Zone Certified
UNM - Engineering Student Success Center - Room 2095
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Stay informed through our app: succESS

ESS Website: 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)