Weekly ESS Center Announcements

Week of September 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 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
    - Semester Long Programs (Deadline: Sept. 5)
    - Interviewing Basics (Sept 6)
    - Discover AI – AI4All (Deadline: Sept 8)
  - New Announcements
    - Food for Thought: Which would you rather?
Next Week
- Lab Safety Series (Part 2 – Sept 12)
- Industry Networking Social (Sept 12)

Coming Up
- Improve Your Study Skills (Sept 18)
- What is the Conference? (Sept 26)
- Orthographic Views & Isometric Drawing (Sept 27)
- Graduate School Preparation & Funding (Sept 28)
- School of Engineering Open House (Sept 30)

Reminders
- Share your 7 Word Autobiography
- ESS Fall 2023 Tutoring Schedule

Other ESS Center/SOE News and Info
- Job/Research Opportunities/Scholarships
  - Join our Internship Programs
- Highlight of the week: Academic Support
- 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](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D).

**SEPTEMBER IS SUICIDE AWARENESS & PREVENTION MONTH**

September is Suicide Awareness & Prevention Month

Every Lobo matters: You are one of the pack; You are not alone; We have your back.

**ENGINEERING STUDENT SUCCESS CENTER EVENTS:**

All students are welcome to attend.

More information can be found at [https://ess.unm.edu/events](https://ess.unm.edu/events) or through our web app ([succESS](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D)).

**THIS WEEK:**

- Semester Long Programs (Deadline: Sept. 5)
  - What: [Semester Long Programs](https://ess.unm.edu/events)
  - Fall 2023 Deadlines: September 5.
  - More info:
- **Mentoring**: Program orientation session required for both opportunities. [MORE INFO]
  - Be a peer-mentor.
  - Get a STEM professional as a mentor.
- **Internships**: [MORE INFO]
- **Research**: [MORE INFO]
  - Student Research Experience Program. Program orientation session required
  - EPICS @ UNM.

### Semester-Long Engagement Opportunities

- **Mentoring**: [MENTORING](https://goto.unm.edu/mentoring)
  - BE a mentor... to our incoming students in their transition into the University of New Mexico, the university setting, and Albuquerque.
  - HAVE a mentor... who is a STEM Professional, working in the field to build your network and receive guidance and support.

- **Internships**: [INTERNSHIPS](https://goto.unm.edu/internships)
  - Getting real-world experiences leads to your satisfaction with your undergraduate journey. Gain valuable hands-on experience while making professional connections.

- **Research**: [RESEARCH](https://goto.unm.edu/research)
  - EPICS @ UNM... to give back to the community, earn credit, and gain research experience all at the same time!
  - Student Research Experience Program... to get hands-on research experience to understand how your courses fit in to real-world applications.

Many are open to pre- and full majors and have no citizenship or GPA requirements.

- **Interviewing Basics** - Help eliminate some of those pre-interviewing jitters by attending this informational session.
  - **What**: [Career and Professional Development Event](https://goto.unm.edu/mentoring)
  - **When**: Wednesday, September 6, 2023. 3 - 4 PM.
  - **Where**: Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom ([https://goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))
  - **Presenter**: ESS’s very own Nada Abdelhack - Job & Internship Coordinator
  - **RSVP** preferred ([HERE](https://goto.unm.edu/mentoring)) but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.

- **What:** Semester Long Programs
- **Fall 2023 Deadlines:** September 8, 2023.
- **More info:**
  - **HOW:** APPLY HERE
  - **WHAT:**
    - Discover AI is a virtual project-based program in partnership with your school that offers a hands-on introduction to computer science and artificial intelligence (AI), ethical issues surrounding AI implementation, and tech careers. In Discover AI, students work in groups on an AI/Machine Learning project based on real life applications of AI that the students find curious.
    - 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. Through research, discussions, and reflection, you will explore the intersectionality of AI with other fields and articulate
your own mindful perspective of AI. The following questions are proposed: What are both the positive and negative implications of AI technology on society? How can (and does) AI affect communities in today's world?

- WHO & Why should students consider the AI4ALL Discover AI program?:
  - 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)
  - **Upon completion, participants receive an AI4ALL Discover AI certificate of completion, and the opportunity to opt-in to Spring 2024’s AI4ALL Ignite** - a virtual accelerator that offers Undergraduate students the opportunity to work on an AI portfolio project with mentorship from AI industry experts. The accelerator also helps participants gain skills that will set you apart in the AI internship application process.
  - WHEN: Launch is in September with Synchronous & Asynchronous Instruction. Please review the program’s application for more details.
  - INFO SESSIONS: The dates and times are listed in the RSVP link. Sessions are a 30-min intro to the program & a space for interested students to ask questions. The sessions are open to all partner schools & we present the same content at all meetings.
Free 10-week course
Discover AI
The program is open to ALL majors

Learn more about AI in a safe and thoughtful environment, and to apply concepts from your own major/discipline to AI.

Explore how AI intersects with other fields and articulate your own mindful perspectives of AI. This program acts as a supplement to CS coursework & builds a fundamental framework for forging in a more sustainable & ethical way forward for AI.

Although we welcome anyone to apply, AI4ALL prioritizes students whose race, gender, or ethnicity have led them to be excluded from AI. We uplift the following intersections and identities:
Black, Hispanic and Latinx, Indigenous folks, Women, LGBTQ, gender diverse and/or non-binary folks

No prior knowledge needed

We recommend that Freshman, Sophomore, and Juniors apply and individuals from marginalized groups

Deadline: September 8, 2023

Learn more & apply at https://app.smartselect.com/programs/30352-AI4-All

AI4ALL seeks students from communities that have been excluded from the AI space. Then, we help them build identity in the field, and tap into their own agency and initiative as they build technical and leadership skills.

QUESTIONS? Yadeeh Sawyer, yadeeh@unrl.edu, 505-277-9151.
WANT TO LEARN MORE ABOUT AI4ALL? www.ai4-all.org

New Announcements:
- **Food For Though: Which would you rather?**

  ![Image of a question asking if you would rather take 5 years to graduate but have necessary support to make it through and come out on top, or take 4 years to graduate but potentially struggle or don’t finish.]

  We are here to support you with however you answered this question.

- **Sandia National Labs Tech Talk**
  
  - **Talk Host:** James Hunter, ND System Electrical Test Department & Nish Patel, Electrical Systems/UNM Line Recruiter
  
  - **Topic:** Electrical testing for modernization programs & Opportunities at Sandia National Laboratories
  
  - **Target Audience:** UNM Grad & Undergrad CS/CE and Engineering students
  
  - **Date/Time:** 9/7, 3:00-4:30 p.m.
  
  - **Where:** Stamm Room (1044) located in the Centennial Engineering Center 1st floor

- **Designing & Developing Presentations** - 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 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, seeking feedback on, and sharing ideas about presentation drafts 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.

- **What:** Making Better Presentations Series
- **When:** Tuesday, October 3, 2023, 12:30 - 1:30 PM - **PIZZA INCLUDED**!
- **Where:** Synchronous in-person (Centennial Science and Engineering Library (CSEL) - DEN 2) and virtual via Zoom (https://goto.unm.edu/esszoom)
- **Partners/Presenters:** UNM Librarians Lori Townsend and Amy Jankowski.
- **More info:**
  - Check September at https://ess.unm.edu/events for additional topics in this series.
  - RSVP ([HERE](#)) is encouraged (helps us have a good head-count for the food) but not required.

**NEXT WEEK:**

- **Lab safety matters!** - Join us for a 3 part series that will prepare you for lab work, or make you a more valuable lab mate. Attend, one, two, or all three*.
  - **What:** Lab Safety Series
  - **When:** Every other Tuesday from 3:30 - 4:30 PM.
  - **Where:** Virtual via Zoom (https://unm.zoom.us/j/94545196176)
  - **Topics** (Attend all 3 and earn a Lab Safety Certificate from Environmental Health & Safety):
    - 9/12/23: Part 2 - Hierarchy of Controls & Basics of PPE (RSVP HERE)
  - **Partners/Presenters:** Environmental Health & Safety
  - RSVP is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder. (*Above for each session.*)
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 12, 2023. 5 - 8 PM.
  - 5 - 5:45 PM will be in the ESS Suite and focus on providing a space for participants in our STEM Mentoring Program to meet up with their matches as our STEM Mixer.
  - 6 - 8 PM will expand to include Industry Networking with representatives from various local companies *(hors d’oeuvres served)*
    - If you are a company representative interested in participating in this event, please RSVP HERE.
- **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, and there is a private paid lot across University from our building at 1703 Copper Ave NE, Albuquerque, NM 87106.
  - **Attendee RSVP** (UNM students, staff, & faculty; HERE) is HIGHLY encouraged (helps us have a good head-count for the food) but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
  - **Industry/Company RSVP is REQUIRED by 9 AM, Friday, September 8, 2023 (HERE).** Questions? Please contact Nada Abdelhack at esscareers@unm.edu

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**INDUSTRY NETWORKING SOCIAL**

*Tuesday, September 12, 2023*  
*6 - 8 pm (hors d'oeuvres served)*  
*CEC - STAMM Room (1044) & Courtyard*

See IMPORTANT info at the website or via the web-app

Win a gift card!  
Gain experience.  
Build your skill set.  
Enhance your resume.  

*School of Engineering students only*

Open to UNM Students, staff, and faculty, as well as Albuquerque's STEM Professionals & Industry Reps!  
Come and network with others interested in STEM.

**RSVP is required for industry reps and highly preferred, but not required for students**  
[ess.unm.edu/events > September](https://ess.unm.edu/events) or through our app - succESS

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**COMING UP:**

https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEiNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPi5%2Fd87akSjuqJcq84jOlk%3D
• **Improve Your Study Skills** - Come learn some STUDY HACKS to see how you can turn your current habits into effective studying to conquer your classes and beyond. Topics include Information Recall, Anti-Cramming, and The Test Cycle. Read more at [http://caps.unm.edu/services/workshops/explore.php](http://caps.unm.edu/services/workshops/explore.php)
  - **What:** 1st & 2nd Year Student Event Series
  - **When:** Monday, September 18, 2023. 3 - 4 PM.
  - **Where:** Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom ([https://goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))
  - **Partners/Presenters:** CTL - Undergraduate Support (prev. CAPS)
  - **RSVP** ([HERE](#)) is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.

1st & 2nd Year Student Event Series

**Improve Your Study Skills**

Come learn some STUDY HACKS to see how you can turn your current habits into effective studying to conquer your classes and beyond.

- Anti-Cramming
- Information Recall
- The Test Cycle
- Study Plan

University of New Mexico

Engineering Student Success Center | CTL Undergraduate Support

Monday, September 18, 2023

3 - 4 PM

Synchronous In-Person (ESS suite - CENT 2080) & Zoom ([goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))

Learn more or RSVP (preferred but not required) at

[ess.unm.edu/events > September](https://ess.unm.edu/events) or through our web-app - succESS

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• **What is the Conference?** - 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.

- **What:** Making Better Presentations Series
- **When:** Tuesday, September 26, 2023, 12:30 - 1:30 PM - **PIZZA INCLUDED!**
- **Where:** Synchronous in-person (Centennial Science and Engineering Library (CSEL) - DEN 2) and virtual via Zoom (https://goto.unm.edu/esszoom)
- **Partners/Presenters:** Jairo Marshall with the GRC.
- **More info:** Check out October at https://ess.unm.edu/events for additional topics in this series.
- **RSVP** (HERE) is encouraged (helps us have a good head-count for the food) but not required.
- **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):  
    - **9/26/23:** Part 3 - Chemical Waste Management ([RSVP HERE](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEiNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D))  
    - **10/17/23:** Part 1 - Hazard Communication & Hazard Evaluation ([RSVP coming soon](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEiNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D))
  ○ **Partners/Presenters:** Environmental Health & Safety  
  ○ **RSVP** is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder. *(Above for each session.)*

- **Orthographic Views & Isometric Drawing** - In this workshop, students learn how to  
  1) create two-dimensional representations of three-dimensional objects by utilizing orthographic projection techniques. In a four-station workshop structure, students rotate through different group-oriented activities that call on various learning styles to solidify the concept. And,  
  2) learn about isometric drawings and how to use coded plans to envision and draw 3D objects. They practice creating coded plans, building simple cube objects from coded plans, and then sketching the respective isometric views on isometric paper.  
  ○ **What:** Spatial Visualization Series  
  ○ **When:** Wednesday, September 27, 2023. 4 - 5 PM.  
  ○ **Where:** In-person only - in the ESS suite Computer Pod - **CENT 2080**
  ○ **More info:** See October & November at [https://ess.unm.edu/events](https://ess.unm.edu/events) for additional topics in this series.  
  ○ **RSVP** ([HERE](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEiNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D)) is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
Spatial Visualization Series

Attend 1, 2, or all 3

- Sept 27. Orthographic Views & Isometric Drawings and Coded Plans
- Oct 25. One-Axis Rotations & Two-Axis Rotations
- Nov 15. Inclined Planes and Curved Surfaces, Reflections and Symmetry, & Write a Rule

Select Wednesdays. 4 - 5 PM
In the ESS Computer Pod - CENT 2080

Learn more or RSVP (preferred but not required) at ess.unm.edu/events > Sept. Oct. Nov. or through our web-app - succESS

- Graduate School Preparation & Funding - Getting in, surviving & thriving and being successful within Graduate School
  - What: Career and Professional Development Event
  - When: Thursday, September 28, 2023. 4 - 5 PM.
  - Where: Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)
  - Partners/Presenters: Center for Teaching & Learning (CTL) Graduate Support.
  - RSVP (HERE) is preferred but not required. RSVP will get you a calendar invite, and a week before and day before email reminder.
School of Engineering Open House - If you are a current or potential School of Engineering student interested in any engineering or computing fields, we hope you join us! Learn about our degree programs, get research lab tours, connect with student organizations, and see what scholarship and financial aid is out there for you.

- **When**: Saturday, September 30, 2023. 10 AM - 2 PM.
- **Where**: Centennial Engineering Center on the UNM Main Campus
- **More info**: Questions? Contact Toby Tafoya at (505) 277-0801 or tabyago@unm.edu
- **RSVP** ([HERE](#)) is not required but is a great way to get a calendar invite, as well as a 1 week before and the day before reminders.
OPEN HOUSE
at THE UNIVERSITY OF NEW MEXICO

SATURDAY, SEPTEMBER 30, 2023
10 A.M.-2 P.M.
CENTENNIAL ENGINEERING CENTER
ON THE UNM CAMPUS

Degree program info • Tour research labs • Learn about student organizations
• Scholarship and financial aid info

Questions? Contact Toby Tafoya
(S05) 277-1417 • tobyago@unm.edu

REMINDERS:
• Share your 7 Word Autobiography
  https://goto.unm.edu/7wordbiography
ESS Fall 2023 Tutor Schedule is now up!
Each semester, ESS hires undergraduate seniors and graduate students within each engineering
discipline to provide tutoring for each subject. Schedules are posted at the beginning of the semester and
include days, times and locations of every tutoring session.

https://ess.unm.edu/services/tutoring/index.html

Other ESS Center/SOE news and information:

- Quick Takes from the Dean - Week of September 5, 2023
  - UNM project brings together diverse team to develop solutions to uranium waste in
    Native communities
  - Hojati leads Sustainable Space Research Level 2 Grand Challenges team
Computer science student navigates crime’s depths with AI at Department of Homeland Security internship

Three UNM students selected as Transportation Research Board Minority Student Fellows

Tsiropoulou’s PROTON Lab celebrates four research works accepted at IEEE conference

ECE professor joins NSF as a program director

Ceremony to honor Mansoor Sheik-Bahae planned for Sept. 30

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 Elisa Mass Cinata at 505.277.5064 or scholarships@unm.edu

JOB/RESEARCH OPPORTUNITIES

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

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• **2024 Hertz Fellowship Applications**
Open through October 27, 2023.
https://www.hertzfoundation.org/the-fellowship/apply-for-fellowship/
What is the Hertz Fellowship?

The Hertz Fellowship empowers the nation’s most promising doctoral students in science and technology to pursue research that best advances our nation’s security and economic vitality. Hertz Fellows receive up to five years of funding, offering flexibility from the traditional constraints of graduate training and the independence needed to innovate. In addition to receiving financial support, Hertz Fellows join a multigenerational, intellectual community of peers, providing a unique engine for professional development and collaboration. (Eligible applicants must be US citizens or permanent residents.)

How can prospective applicants learn more about the Hertz Fellowship?

The Hertz Foundation held an online information session for prospective applicants, during which Hertz Fellowship Director Derek Haseltine and Hertz Fellows Nikhil Bhattasali, Bailey Flanigan, and Jane Wang discussed this unique doctoral funding opportunity and provided advice to help prepare your application. The resources below also provide additional information about the fellowship.

We encourage you to share this email with students who have a broad understanding of science and technology, exceptional creativity, and a keen interest in applying innovative research toward strengthening our nation and impacting lives. I've also attached a graphic to publicize on social platforms.

If you have questions at any point, please do not hesitate to reach out, dhaseltine@hertzfoundation.org, or feel free to schedule a meeting with me to learn more.

HIGHLIGHT OF THE WEEK

Academic Support

- Engineering Student Success Center Tutors
  https://ess.unm.edu/services/tutoring/index.html
  Whether you need assistance with math, science or engineering subjects, our ESS Tutoring Program can help you. Each semester, ESS hires undergraduate seniors.
and graduate students within each engineering discipline to provide tutoring for each subject. Schedules are posted at the beginning of the semester and include days, times and locations of every tutoring session.

- CAPS: Center for Academic Program Support (now CTL Undergraduate Support)  
  caps.unm.edu or ctl.unm.edu  
  CAPS is an award-winning learning assistance program available to all UNM students enrolled in undergraduate classes. CAPS is available to students from all majors. To cut out long waits and to get more specialized help, engineering students should utilize the tutors housed in ESS. A schedule is available online (www.ess.unm.edu) and at the front desk.

- Math Tables  
  math.unm.edu/turtoring.php

- Ask A Librarian  
  library.unm.edu/help/askus.php

- IT: Information Technologies  
  http://it.unm.edu
UNM IT has a lot of free or cheap software, and can help you with most of your technical needs, including your email.

- **UNM Online**
  [http://online.unm.edu/online-programs/index.html](http://online.unm.edu/online-programs/index.html)
  UNM Online is where you go for online degree programs. Online degree programs offer flexibility for students from a variety of backgrounds.

- **Placement Testing Center**
  [http://test.unm.edu/](http://test.unm.edu/)
  The Placement Testing Center administers standardized tests, placement tests and proctoring services for distance education learners.

- **College Enrichment & Outreach Services (CEP)**
  [https://cep.unm.edu/about-us/index.html](https://cep.unm.edu/about-us/index.html)
  The college enrichment and outreach services provides comprehensive student support services that assist students with their transition to higher education and attaining collegiate success. Programs focus on students who are 1st Generation, Low Income, and/or are from Rural Areas. The provide academic support, financial advisement, scholars program, scholarships, and more.

- The Ethnic centers have some in-house tutors, too.

**UNM Events/News**

- **College Enrichment Program Welcome Back BBQ**

![Welcome Back BBQ](https://example.com)

  *September 6th, 2023*
  *11:00 AM - 2:00 PM*
  *Mesa Vista Hall Courtyard*

- **Annual App Contest**
  1st Place Prize, $5,000!

  The Office of the CIO is sponsoring its annual App Contest. Come to the Lobo Rainforest, meet a mentor, form your team and get details about participating in the 2023 App Contest.
Register by **9/26/23** for free at [https://appcontest.unm.edu](https://appcontest.unm.edu) to confirm your attendance and get information about the Adobe XD Prototype training which is free to contestants.

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**Upcoming Career Services Events**

- Throughout the Spring semester, our office will be hosting **Drop-In hours from 11 a.m. to 1 p.m. on Wednesdays and Thursdays** to assist students with their career exploration, job search, and application materials for both jobs and grad school.

- Our **Engineering and Science Fair** will be taking place on **Wednesday, September 13th from 10 am to 2 pm** in the SUB. This is one of our largest events of the year, We will have over 90 employers in attendance who are looking to hire UNM students for both internships and full-time positions within science and engineering-related fields.
  - Students can use the following link to register for the fair: [2023 UNM Engineering & Science Job & Internship Fair (In-Person)](https://joinhandshake.com) (Handshake)

- We will also be hosting events to help students prepare for the Fair:
  - **Resume and Career Fair Prep** on **Monday, September 11th** at 12 pm
  - **Drop-in resume review days** on **Tuesday, September 12th** from 10 am to 2 pm
    - Both events will take place in the Office of Career Services (UAEC 220)
COMMUNITY EVENTS/OPPORTUNITIES

- **From NM EPSCoR**
  
  **Funding:**
  
  **GEM Fellowships** (UNM & NMSU - MS & PhD Minorities)
  
  **Goal:** Increase the number of underrepresented minorities in science & engineering programs. Both fellowships cover full tuition and fees. Amount: PhD - $16k living stipend applied to one academic year; MS - at least $16k stipend over the entire MS program.
  
  **Deadline:** Oct 1

  **NSF Graduate Research Fellowship** (MS & PhD students)
  
  A five-year fellowship that provides three years of financial 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.
  
  **Amount:** $37,000 annually for three years
  
  - 10/16 - Life Sciences
  - 10/17 - Computer and Information Science and Engineering, Materials Research, Psychology, Social Sciences, STEM Education and Learning
  - 10/19 - Engineering
  - 10/20 - Chemistry, Geosciences, Mathematical Sciences, Physics and Astronomy
  
  **Deadlines:** Oct

  **DOE Office of Science Graduate Student Research Awards** (PhD students)
  
  Provides supplemental awards to outstanding U.S. graduate students to conduct part of their thesis research at a DOE national laboratory/facility in collaboration with a DOE laboratory scientist for a period of 3–12 consecutive months. Amount: $3,600 living stipend while on-site and inbound/outbound travel cost reimbursement up to $2K.
  
  **Deadline:** Nov 8

  **American Association of University Women Fellowships** (women students)
  
  *All of the AAUW opportunities below allow funds to be used for dependent child care*
  
  **Postdoc Research Leave Fellowship** $50K
  
  **Dissertation Fellowship** $25K
  
  **Career Development Grant** $2K–20K
  
  ↓ $$ for post-Bachelors education
  
  **International Fellowship** (MS & above) $20K–$50K
  
  **Selected Professions Fellowships** $20K
  
  ↓ $$ for MS or advanced professional degree
  
  **Deadlines:** Nov 15

Events:

**NEW MEXICO SCIENCE FIESTA**

*In-person @ Tiguex Park in ABQ*

This event is one of the state's largest celebrations of STEM. A community-wide extravaganza that is sure to inspire your curiosity, creativity, and innovation. [Learn more...](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjlQ2ZjgwZjcxMwAQAPi5%2Fd87akSjuqJcq84jOlk%3D)
**SOCIETY OF WOMEN ENGINEERS CONFERENCE**

*In-person and virtual @ Los Angeles, CA*

WE23 is a three-day flagship event with dedicated sessions tailored for early-career professionals and aspiring leaders to nurture growth, networking, and career development. [Learn more here...](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D)

**NEW MEXICO RESEARCH SYMPOSIUM**

*In-person @ UNM Student Union Building*

This collaboratively hosted annual research conference features oral presentations, a poster session, the Rio Grande Research SLAM, and a keynote address. Free and open to the public, this event is geared towards undergraduate and graduate students from across NM. [More info here...](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D)

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**PREVIOUS ANNOUNCEMENTS**

**Other opportunities and news for STEM students:**

**SOE & STEM Student Org Meetings and Campus Events**

- **Lobo Living Room: The Bits & Bytes of Artificial Intelligence**

Dr. Melanie Moses and Dr. Kathy Powers, I will be presenting the first Lobo Living Room event of the semester! [Lobo Living Room: The Bits & Bytes of Artificial Intelligence](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D) is available online for people to register.

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**Attention all tech enthusiasts, dreamers, and forward-thinkers!**

Discover the dynamic fusion of Artificial Intelligence (AI) and its hidden biases that steer us toward an uncertain tomorrow. In this thought-provoking lecture, we delve into the intricate workings of AI algorithms and the far-reaching implications of bias on our ever-changing world. Explore the ethical quandaries that arise as we entrust AI with decision-making, from education to employment. Together, we'll confront the challenge of crafting a future where AI empowers without prejudice, opening new horizons of opportunity...
and growth. The speakers will also explain the work they are doing through the UNM Algorithmic Justice Project, funded by UNM ADVANCE.

Join us on this intellectual quest to unlock the potential of AI for a brighter, more equitable future!

- **URAD newsletter, workshops to share & exhibit at Zimmerman**
  
  [urad.unm.edu]URAD (Undergraduate Research, Arts & Design Network) is offering [weekly Getting Started in Research workshops](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAPi5%2Fd87akSjuqJcq84jOik%3D) again this fall (BOTH online and in-person)

  URAD has also started a [monthly newsletter](#), to help you get involved with research at UNM.

  Lastly, URAD has an [exhibit in the main lobby of Zimmerman](#), showcasing research posters from last year’s [UROC](#) (Undergraduate Research Opportunity Conference) with more information on how to get involved in research. Please check out the amazing work that our undergrads have done and let your students know about it too.

- **University Libraries Workshops**
  
  The University Libraries are available to support you. Please see their front page here, and make use of the Subject Librarians, INLP, and CSWR programs: [https://library.unm.edu/](https://library.unm.edu/)

  There is also an [Undergraduate Research Exhibit](#) in August: [Research Exhibit](#)

  **Adobe Creative Commons Escape Room** all this week! [Escape Room](#)

  And they recommend [UNM's Copyright Guide](#): [Copyright Guide](#). And remember to check out the Adobe Creative Commons area for help or access to equipment, computers for editing, and recording booths! As a member of the UNM community, you have free access to the Adobe Creative Cloud! Learn more about how to make the most of this software through our interactive workshops in the Adobe Creative Commons (ACC), located on the east end of Zimmerman Library’s Learning Commons (1st floor). You can also stop by the ACC with questions any time!

  - **Friday, Sept 8, 10-11am & 12-1pm**: Let’s Record: Audio and Video Tools and Strategies
  - **Friday, Sept 29, 10-11am & 12-1pm**: How to Grab Your Audience: Better Presentations
- Friday, Oct 20, **10-11am** & **12-1pm**: Build Your Online Portfolio
- Monday, Nov 13 – Friday, Nov 17, **all day**: Student Work Exhibitions

**And, Coffee & Code** starts on Sept. 1 at 9am with **Programming with Python: Coffee & Code Programming Concepts**. A hands-on workshop series presented by the UNM Libraries Research Data Services team, which features a variety of introductory data science tools and topics. All Coffee & Code workshops are held in Centennial Science & Engineering Library room DEN 2. No experience necessary. Registration is required, and coffee & donuts are provided!

- **Friday, Sept 1, 9-11am**: Programming Concepts with Python – Part 1
- **Friday, Sept 15, 9-11am**: Programming Concepts with Python – Part 2
- **Friday, Oct 6, 9-11am**: R and RStudio Introduction
- **Friday, Oct 20, 9-11am**: Data Cleaning with R and RStudio
- **Friday, Nov 3, 9-11am**: Engineering ChatGPT Prompts for Python Code
- **Friday, Dec 1, 9-11am**: Engineering ChatGPT Prompts for R Code

**Fall 2023 Honors College Wellness Series Events – Open to all**

**PROFESSIONAL WELLNESS**
The Honors College is partnering with the Graduate Resource Center to provide students with information and critical insight into the world of graduate studies.

- September 5th – (Info Session) *What is graduate school*
- October 4th – (Workshop) *Preparing graduate school materials*
- October 24th – (Panel) *What is the value of graduate school?*

**PHYSICAL WELLNESS**
Starting August 31, every Monday, Wednesday, and Thursday all University of New Mexico students, faculty and staff are welcome to join us at noon (12pm) for an hour of movement. We will be engaging in different types of activities to stimulate community and help students develop their Lobo identity. Grab your shoes, sunscreen, and your water bottle, and meet us at the Honors College Patio!

**ECONOMIC WELLNESS**
The Honors College is partnering with the Center for Financial Capability to help students strengthen their financial literacy.

- August 29th - (Presentation) *Undergraduate Refresh*
- September 19th - (Workshop) *Establishing a Budget*
- October 18th - (Workshop) *Understanding & Managing Credit*
- November 14th - (Workshop) CFC *Tax Workshop*

**ARTISTIC WELLNESS**
These artistic wellness events are still being finalized. More information to come.
• 2023 UNM Engineering & Science Job & Internship Fair
The University of New Mexico (UNM) Office of Career Services in collaboration with the UNM School of Engineering are hosting the annual UNM Engineering & Science Job & Internship Fair (In-person) scheduled for Wednesday, September 13, 2023. The in-person fair will be held from 10:00am to 2:00pm (MDT) at the UNM Student Union Ballrooms on the UNM Albuquerque Main Campus.

The UNM Engineering & Science Job & Internship Fair (In-person) is open to students and alumni from all New Mexico higher education organizations. The fair is a great opportunity for students, alumni, and employers to connect and engage about opportunities in engineering and science fields.

Professional business attire is strongly recommended. We encourage all job seekers to dress professionally and have plenty of printed and electronic resumes to share with employers.

Click here to register and see what employers will be attending the 2023 UNM Engineering & Science Job & Internship Fair

We also encourage you to connect with our UNM Office of Career Services to update your resume, cover letter, and interview skills prior to the UNM Engineering & Science Job & Internship Fair (In-person). We invite you to join us at our workshop and to have your resume reviewed to help you prepare for the fair. More details about these events are listed below.

Resume Writing & Career Fair Preparation Workshop (in person) - Monday, September 11th from 12:00pm - 1:00pm MDT
Location: UNM Career Services Conference Room, UAEC Bldg. #85 (on campus map), Room 220 (second floor)

Resume Drop-Ins - Tuesday, September 12th from 10:00am - 2:00pm
Location: UNM Career Services Conference Room, UAEC Bldg. #85 (on campus map), Room 220 (second floor)
JOB/RESEARCH OPPORTUNITIES/SCHOLARSHIPS

Check out the ESS website pages dedicated to jobs, internships, and scholarships for more.

- **Upcoming AMP Scholarship deadlines!**
  URS applications are due on **Sept. 9 (Friday)**. The link is here: [https://nmamp.nmsu.edu/applications/urs_pro.html](https://nmamp.nmsu.edu/applications/urs_pro.html)
  There is also an open Q&A Zoom session Friday, 9/2, at 4pm through [https://unm.zoom.us/j/98487036494](https://unm.zoom.us/j/98487036494)!
  You will need access from your UNM zoom account (be sure to update your zoom if you haven't already!)

  The New Mexico Alliance for Minority Participation (**NM AMP**) provides research opportunities and additional support through two programs this fall: STEM Prep for early majors, and the Undergraduate Research Scholarships (URS). New Mexico AMP is funded by the National Science Foundation, and for this program NSF defines eligibility in terms of declared majors and student minority status (Biology, Chemistry, Physics/Astronomy, Earth & Planetary Science, Environmental Science, Engineering (all majors), Math & Statistics; students from under-represented groups including Hispanic, Black, Native American, Pacific Islanders). If you are a returning or former AMP student, please help recruit by sending this link to someone you think might be eligible and able to benefit from this opportunity. If you are a faculty member or advisor, please forward this information. Please see the website link for more details. Deadline is September 8! There are videos explaining the program and expectations. NMSU is the NM AMP host institution, so the links are at NMSU even for UNM students!

  AMP STEM Prep Scholarship ($500). [https://nmamp.nmsu.edu/applications/stem_prep.html](https://nmamp.nmsu.edu/applications/stem_prep.html)

  Undergraduate Research Scholarship ($2,500). For the research scholarship, you will need to identify a mentor and short project description, so meet with (email or zoom) a prospective research mentor and get something going! There will be online presentation opportunities, assistance with grad school preparation, and more! [https://nmamp.nmsu.edu/applications/urs_pro.html](https://nmamp.nmsu.edu/applications/urs_pro.html)

- **Summa Academia 2023-2024 Applications are Open!**

  Summa Academia applications are now open! Summa Academia is a graduate program offered by El Centro de la Raza, ENLACE Statewide Collaborative, the Division for Equity & Inclusion, and the Health Science Center for Diversity Equity & Inclusion to serve Latinx and historically underserved graduate students at the University of New Mexico.
In this two-semester cohort program, experienced Latina/o faculty members share their expertise with graduate students on how to navigate the complex systems of graduate education and planning for academic careers. We will provide students with unique skills and knowledge to navigate the graduate educational and professional system. Participants will receive $1,000 scholarship upon completing the program.

This is an excellent opportunity for students, and I would really appreciate it if you could forward to students and share it among your department. For additional information, please don’t hesitate to reach out to me at: rdbecerril@unm.edu.

- GEM Fellowship applications are now open
  [gemfellowship.org/prospective](https://gemfellowship.org/prospective). Deadline is the 2nd Friday in November.

Organizations like GEM strive to provide equal opportunity for all! If anyone has questions about the fellowship, please reach out to Jerrod Ronquillo, a current SOE GEM Fellow at [jarrodragonquillo@unm.edu](mailto:jarrodragonquillo@unm.edu).
(Repeat/Continuous opportunities are not included)

- **Lobo Food Pantry Fall Hours**
  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/).

- **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](http://goweb.unm.edu/studentguide/)

  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!
University Libraries Fall 2023 ACC Workshop Series

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Weekly UNM Nature Walks
If you've never joined us before, Nature Walk is a weekly event hosted by the Museum of Southwestern Biology. We meet every Friday at noon at the UNM Duck Pond for an hour-ish walk around campus to explore the nature around us. Many times, this includes teaching newcomers how to use community science apps like iNaturalist and eBird (especially during BioBlitz time), but we’ve also done themed walks like duck anatomy illustration, turtle counts, an arboretum tour, edible plants, and more! Further details on our event page.

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 13 Rep)
Safe, Green, and Dream Zone Certified
UNM - Engineering Student Success Center - Room 2095
yadeeh@unm.edu
505.277.9151

Schedule a meeting with me through Bookings

**Stay informed** through our web app: **succESS**

**ESS Webpage:** [ess.unm.edu](https://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](https://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](https://outlook.office.com/mail/inbox/id/AAQkJADJkJc0NTFm6T0NGQ5NC1hZJFmLTY0NjQzZjgwZjcxMwAQAPi5%2Fd87akSjq84joi%3D))