Weekly ESS Center Announcements
Week of January 18, 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
    - Good luck with the start of the semester
  - New Announcements
    - Critical Thinking & Pop-Science (Feb 17)
    - Join our events – Win a Gift Card
    - SOE Internships Available!
  - Next Week
    - Writing Résumés & Cover Letters (Jan 28)
  - Coming Up
    - Interviewing Basics (Feb 2)
    - Two-Axis Rotations (Feb 3)
    - Semester Long Engagement through Mentoring, Internships, and Research
    - Lab Safety Series
    - STEM Mixer & Find Your Pack (Feb 11)
    - ESS’s Spring Line-Up
Reminders
- Faculty Highlights with Claude Morelli
- 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”
SUCCESS.UNM.EDU

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:
Welcome to the
Spring 2022 Semester
and
GOOD LUCK
New Mexico Style

From all of us at the
ENGINEERING STUDENT SUCCESS CENTER

NEW ANNOUNCEMENTS:

- Critical Thinking & Pop-Science

- 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!
SOE Internships Available via the SPSP Internship Program
https://goto.unm.edu/internships

Enhance your classroom experience and become better informed when choosing your career path. The SPSP internship program is available for engineering and computer science students to gain valuable field experience through a paid internship with local participating engineering companies. Don't miss out on this opportunity. Slots are limited and are filling up fast. Once the slots are filled, the program closes.

To participate, students must meet the following eligibility requirements:
- Must be Junior, senior, and graduate level
- Must have been admitted into their respective departments (or must have completed all 200 level engineering courses)
- Must be in good standing (not on probation)
- Must be US Citizen, DACA, Permanent Resident, national, or Refugee status

To participate, complete the application form at: https://forms.unm.edu/forms/soe_internships

Gain experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting.

Internships give you the opportunity to gain valuable hands-on experience while making connections in professional fields you are considering for career paths.

Internships also provide employers the opportunity to guide and evaluate talent.

Visit us at goto.unm.edu/internships

Contact Nada Abdelhack, MA
Engineering Student Success Center
Call: (505) 277-1403
Email: esscareers@unm.edu
**NEXT WEEK:**

- **Resumes and Cover Letters** - Ever wonder what to include and what to avoid? What do you include if you feel like your relevant experience is lacking? How do you make the cover letter complement the resume rather than repeat the info? Come to this session to find out the answers to these questions and more.
  - **What:** Career and Professional Development Event
  - **When:** Friday, January 28, 2022. 4 - 5 PM.
  - **Where:** Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)
  - **Presenter:** ESS's very own Nada Abdelhack - Job & Internship Coordinator
  - **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 > January or our succESS app (https://success.unm.edu/events).

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**COMING UP:**

- **Interviewing Basics & Technical Coding Interviews**

https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZJFmLTY0NjQ2ZjgwZjcxMwAQAA2nG9s%2FgUxHuLQErJ7EMK...
- **What**: Career and Professional Development Event
- **When**: Wednesday, February 2, 2022. 5 – 6:30 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 and UNM SoE Alumni Sahba Tashakkori.
- **More info**:  
  o The first 40 minutes will address general Interviewing Basics, including interviewing anxiety, body language, where to start, answering questions, various formats of interviews, and salary discussions.
  o The second 40 minutes will focuses on technical coding interviews. This portion is most beneficial to those who are looking for a data scientist/software development position.
- **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) > January or our succESS app ([https://success.unm.edu/events](https://success.unm.edu/events)).

**Career and Professional Development Event**

**Interviewing Basics & Technical Coding Interviews**

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

@UNMSuccessCenter

**Wednesday, February 2, 2022**  
5 - 6:30 PM

Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom ([https://goto.unm.edu/esszoom](https://goto.unm.edu/esszoom))

- **Two-Axis Rotations** - In this workshop, Students learn about two-axis rotations with a specific emphasis on how to rotate objects both physically and mentally about two axes.
A two-axis rotation is a rotation of an object about a combination of x, y or z-axes, as opposed to a single-axis rotation, which is about a single x, y or z-axis. This workshop follows the same format as that of the one-axis rotation workshop. Students practice drawing two-axis rotations through an exercise using cube blocks to create shapes, and then drawing on isometric paper the shapes from various x-, y- and z-axis rotation perspectives. Then they individually apply the same rotation concepts in a workbook exercise. They also pair up with a partner to test their exclusively mental spatial visualization abilities at a station with no rotating built objects. Lastly, students further solidify two-axis rotation concepts via computer software exercises.

- **What:** Spatial Visualization Series
- **When:** Thursday, February 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. RSVP for EACH desired session at https://ess.unm.edu/events > January or our succESS app (https://success.unm.edu/events).

### Spatial Visualization Series

![Spatial Visualization Series Image](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAA2nG9s%2FgUxHuLQErJ7EMK)

**Attend 1, 2, 3, or all 4**

1. Feb 3. Two Axis Rotation
2. Mar 3. Inclined Planes & Curved Surfaces
4. Apr 21. Write a Rule

**Select Thursdays. 4 - 5:30 PM**

Synchronous in-person (in the ESS Computer Pod - CENT 2080) and virtual via Zoom (https://goto.unm.edu/esszoom)

Learn more or RSVP at ess.unm.edu/events > Feb. Mar. Apr. or through our app - succESS

- **Join one of our Semester Long Programs!**
  - Many of these programs do NOT have GPA or citizenship requirements.
    - **Mentoring:**
      - Have a STEM Professional as a Mentor in our STEM Mentoring Program
      - Be a Peer-Mentor in our Peer Mentoring Program
    - **Internships:** Join one of our School of Engineering Internship Programs
    - **Research:**
      - No matter your experience, YOU are ALREADY a researcher, so why not make it official and join our Student Research Experience Program?
- Do you want to GIVE BACK to the community, EARN CREDIT, and GAIN RESEARCH EXPERIENCE all at the same time?! If you said “YES,” then join **EPICS @ UNM** Course/Program for Spring 2022.

**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):
    - **2/8/22:** Part 1 - Hazard Communication & Hazardous Waste Management (RSVP [HERE](https://unm.zoom.us/j/94545196176))
    - **2/22/22:** Part 2: Hierarchy of Hazard Control & PPE (coming soon)
    - See March and April for additional parts and additional offerings of Part 1 & 2.
  - **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) > January or our succESS app ([https://success.unm.edu/events](https://success.unm.edu/events)).
• **STEM Mixer & Find Your Pack** - Come network with others interested in STEM, including the School of Engineering student organizations (see what they have to offer you!). This event is open to all UNM students, as well as UNM Staff and faculty, along with NM STEM Professionals.
  - **What:** Career and Professional Development Event
  - **When:** Friday, February 11, 2022. 3:30 - 5:30 pm.
  - **Where:** Centennial Engineering Center - STAMM Room (1044) & the adjacent courtyard or classrooms (pending weather)
  - **Partners/Presenters:** ESS Center
  - **More info:**
    - 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.
  - **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) > January or our succESS app ([https://success.unm.edu/events](https://success.unm.edu/events)).
• **ESS Spring Line-Up**
  Visit [https://ess.unm.edu/events](https://ess.unm.edu/events) for more info.
Reminders:

- Faculty Highlights. See what our faculty study.

  Read about other highlights on our webpage dedicated to just this.

  This posting is for Claude Morelli within the Civil Engineering Department.

- 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:

- Quick Takes from the Dean – Week of January 18, 2022
UNM’s VolCAN team makes history in Canary Islands
Two from UNM elected as American Physical Society members at large
Yang’s paper selected for IEEE best paper award
Sorrentino chosen as associate editor of ‘IEEE Control Systems Letters’ journal
Faculty, students invited to sign up for HSC Hackathon, planned for March

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](https://ess.unm.edu/programs/current-students/for-graduate-students.html)
(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](https://ess.unm.edu/programs/current-students/scholarships/internal.html)
  - External: [https://ess.unm.edu/programs/current-students/scholarships/external.html](https://ess.unm.edu/programs/current-students/scholarships/external.html)

- EPP/MSI Undergraduate Scholarship Program

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://go.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.
UNM LoboEats needs YOU!
Make a difference in your local Lobo Community. [https://basicneeds.unm.edu/](https://basicneeds.unm.edu/)

We are looking for a student who has experience building an iOS app. We have built most of it but need help creating the iOS version. The app is for food recovery on campus. That is, we want staff to be able to tell students when and where there is free food leftover from an event. So, the app is intended for use by anyone in the UNM community.

Our team is a combination of students from the Honors College and a CS student. It is being mentored by Dr. Sarita Cargas in the Honors College. Our app is named Loboeats and is built using React Native in the frontend and Strapi (node.js) in the backend. 90% of the tasks are related to the frontend. The Android app is mostly done, we need someone who could work on creating an iOS app. You would not be building a new app from scratch but making a few changes in the existing React Native codebase to create an iOS app.

Responsibilities,
- Deploy an app into the app store.
- Fix existing bugs and add new functionality, if required.
- Work with the team

Note: creating an iOS app requires having a Mac device.

Technical requirement (familiar with):
React Native/React (or any other framework), JavaScript, HTML, Git

Contact Dr. Cargas at cargas@unm.edu or 505.277.4211 for more information or if interested in this opportunity.

Seeking a tutor for HS Honors Algebra and Chemistry
The pay is $20/hour cash, and would be a mixture of remote and in-person. Interested? Contact Sasha Pellerin at spellerin@cabq.gov or (505) 322-8898.

- **Internship and Fellowship Opportunities with the Department of Defense**

  The Oak Ridge Institute for Science and Education (ORISE) is accepting applications for paid internship and fellowship opportunities at U.S. Department of Defense research facilities nationwide. Apply now!

  **Mechanical Engineering Internship - Master's Student**

  **Host facility:** U.S. Army Institute of Surgical Research | San Antonio, TX  
  **Degree:** Currently pursuing a Master's Degree  
  **Citizenship:** U.S. Citizen Only

  **Research Engineer - Injury Biomechanics**

  **Host facility:** U.S. Army Aeromedical Research Laboratory | Fort Rucker, AL  
  **Degree:** Bachelor's or master's degree received within the last 60 months  
  **Citizenship:** U.S. Citizen Only

  **Graduate Research Opportunity in Vapor Phase Fluorescence**

  **Host facility:** U.S. Army Engineer Research and Development Center | Vicksburg, MS  
  **Degree:** Master's or doctoral degree received within the last 60 months or currently pursuing  
  **Citizenship:** U.S. Citizen Only

  **Historical Aerial Imagery Research Internship**

  **Host facility:** Defense POW/MIA Accounting Agency | Crystal City, VA  
  **Degree:** Bachelor's or master's degree received within the last 60 months  
  **Citizenship:** U.S. Citizen Only

  **Postdoctoral Researcher in Materials Characterization**

  **Host facility:** Air Force Institute of Technology | Dayton, OH  
  **Degree:** Doctoral degree received within the last 60 months  
  **Citizenship:** U.S. Citizen Only

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**UNM Events/News**

- Don’t forget how awesome we are at the ESS Center – we are here to support many of your needs  
  https://ess.unm.edu
WE ARE
STUDENT SUCCESS!

WE OFFER:
- Tutoring
- Scholarships and fellowships
- Engineering tours
- Jobs and internships
- Networking events
- Mentoring and undergraduate research
- Academic success workshops
- K-12 opportunities
- ...and more!

CONTACT US TODAY!
- ess@unm.edu
- (505) 277-4354
- Centennial Engineering Center, Suite 2080
- ess.unm.edu

5 Reasons to Engage with

Access to Scholarships & Financial Aid

Build Your Network

Achieve Academic Success

Enhance Your Resume

Connect to Research & Internship Opportunities

ess.unm.edu

https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjcxMTYnFgUxHuLQErJ7EM
• **Earn a Certificate in GIS**
  Learn specialized, in-demand GIS skills with a certificate in Geographic Information Systems
  GIS (Geographic Information Systems) is crucial to almost every industry. Companies use GIS to solve problems and improve processes, and as an essential tool for data analysis, asset management and cost containment.
  As organizations begin to understand that location-based data is the key to better decision-making, many departments need employees who have basic GIS skills, such as mapping demographic information.
  The [accelerated Geographic Information Systems (GIS) Certificate](https://creativecampus.unm.edu/) will give you the tools to start a career in GIS or add critical spatial data analysis to your skillset.
  **In the first course in the certificate series, Cartography Basics, you will learn:**
  - Basic principles of map design and map reading
  - Concepts such as map scale, coordinate reference systems, projections, datums, symbology, and labeling conventions
  - Map interpretation
  - How to create maps on a digital platform
  **Reserve your seat today! Course is offered in a live-online format.**
  ![Certificate in Geographic Information Systems](https://creativecampus.unm.edu/)

• **Spring 2022 Library Update**

  **General Library Updates:**
  
  o **Library Instruction Requests**: We’re offering in-person and online library instruction for courses this semester. Email me or complete this form to schedule a session to help your students become more comfortable identifying, evaluating, understanding, and accessing information resources in the University Libraries and beyond.

  o **Course Reserves**: See full information about how to put books and digital items on reserve for Spring 2022 courses on our [course reserves guide](https://creativecampus.unm.edu/).

  o **Low Contact Library Services for High Risk Populations**: The libraries offers contactless carryout service for library collection items for high risk populations. More information can be found here and via our [Ask a Librarian service](https://creativecampus.unm.edu/).

  o **COVID-19 service updates**: If the libraries need to institute any changes to hours, operations, or services due to disruptions caused by COVID-19, updates will be available on our [COVID-19 information page](https://creativecampus.unm.edu/).

  o **Adobe Creative Commons**: New space in Zimmerman Library dedicated to supporting students in learning/using Adobe platforms is opening this semester. Grand Opening is January 26, 3-5pm, but this may be delayed due to COVID. More information is forthcoming. [https://creativecampus.unm.edu/](https://creativecampus.unm.edu/)
Hulsman Undergraduate Library Research Award: Deadline to submit is Monday, February 7 – if you worked with undergrads who did great library research (aka any project that required a bibliography) in the 2021 calendar year, please encourage them to consider submitting their work! https://library.unm.edu/awards/

**Collections**

- **Purchase Requests:** Use the [request a purchase form](https://library.unm.edu/awards/) or contact me with suggestions for books, journals, databases, etc. you need for work/studies. Library funding is very tight at the moment, but we’re committed to working with you to find available options.

- **Accessibility:** Contact our [Ask a Librarian service](https://library.unm.edu/awards/) for assistance with retrieving library materials for pick up. Library staff can help with arrangements which do not necessitate coming into library buildings.

- **Interlibrary loan:** Materials not owned by UNM? Students, faculty, and staff can request books and articles from other libraries through [Interlibrary Loan](https://library.unm.edu/awards/).

- **New & Updated Collection Resources**
  - Covidence – research tool for conducting systematic reviews & knowledge synthesis (this tool has an unfortunate name and is not actually related to COVID-19 😊) [https://libguides.health.unm.edu/covidence](https://libguides.health.unm.edu/covidence)

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

- Students who are looking for funds for the 2022-2023 school year...

P.E.O. (Philanthropic Educational Organization) is an organization with 6,000 chapters and 230,000 women members in the United States and Canada.

The scholarships below are offered by the state of New Mexico's P.E.O. Chapter.

These scholarships are for female residents of New Mexico, they are merit based and require full-time status at an accredited institution (like UNM). The application process begins with P.E.O chapter sponsorship. That sponsorship must be applied for before or during the month of September 2021. For
information about chapter sponsorship, contact P.E.O. Chapter AD before or during September 2021 at: newmexicopeochapterad@yahoo.com.

Apply for chapter sponsorship before the end of September 2021. Scholarship applications are due January 22, 2022. Scholarship recipients will be awarded for the 2022-2023 school year with funds made in 2 payments to the university at the beginning of each semester.

<table>
<thead>
<tr>
<th>Scholarships:</th>
<th>Delilah Williams Scholarship</th>
<th>New Mexico State Women's Scholarship</th>
<th>Jean Boswell Foundation Scholarship</th>
</tr>
</thead>
<tbody>
<tr>
<td>College Requirements:</td>
<td>At Freshman or Sophomore level for the 2022-2023 academic year at a NM institution.</td>
<td>At Junior or Senior level for the 2022-2023 academic year at any four-year college.</td>
<td>At Junior or Senior level for the 2022-2023 academic year at any four-year college.</td>
</tr>
<tr>
<td>Judging Criteria:</td>
<td>Scholastic ability, participation in school and community activities, potential to succeed.</td>
<td>Scholastic ability, participation in school and community activities, potential to succeed.</td>
<td>Scholastic ability, participation in school and community activities, potential to succeed.</td>
</tr>
<tr>
<td>Scholarship renewable:</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Amount of scholarship:</td>
<td>A minimum of $2,600.</td>
<td>A minimum of $2,600.</td>
<td>A minimum of $2,600.</td>
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<tr>
<td>Payment of scholarship:</td>
<td>Paid directly to the institution in two equal installments, one each semester.</td>
<td>Paid directly to the institution in two equal installments, one each semester.</td>
<td>Paid directly to the institution in two equal installments, one each semester.</td>
</tr>
<tr>
<td>Other qualifications:</td>
<td>Must be admitted to the institution to apply.</td>
<td></td>
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<tr>
<td>Deadline:</td>
<td>January 22</td>
<td>January 22</td>
<td>January 22</td>
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</tbody>
</table>

Additional Loans and Scholarship Opportunities for Women:

For more information about the Philanthropic Educational Organization for women and their scholarships/loans, please visit their website at https://www.peointernational.org and search under “P.E.O. Projects.” For questions on these scholarships or loans contact newmexicopeochapterad@yahoo.com.

- **Summer 2022 Repperger Research Intern Program: Now Accepting Applications**
  Deadline: January 24, 2022
The **Repperger Research Intern Program** is a 10-week educational experience, providing summer research opportunities for college students at an Air Force research facility under the mentorship of an Air Force scientist. The program posthumously honors Dr. Daniel W. Repperger, who mentored many young people during his 35-year research career with the Air Force Research Laboratory (AFRL).

**Eligibility**
Applicants need to meet the following eligibility criteria at the time of application:

- Be a U.S. citizen.
- Be enrolled as an undergraduate or graduate student at an accredited institution of higher education during the 2021-2022 academic year. Applicants must provide proof of enrollment during the Fall 2021 term at the time of application. Candidates selected for an internship appointment will be required to provide proof of enrollment during Spring 2022 at the time appointment is accepted. Please note, preference will be given to applicants who intend to be a student in the Fall of 2022.
- Be pursuing a degree in a science, technology, engineering or mathematics (STEM) discipline.
- Have a cumulative GPA of 2.50 or higher on a 4.00 scale as of Fall 2021.

**Research Locations**
- Wright-Patterson Air Force Base, Dayton, OH, with options for AFRL Collaborative Labs at Wright State University
- Joint Base San Antonio-Fort Sam Houston, San Antonio, TX

**Program Dates**
June 6 – August 12, 2022

**Stipend**
~$12,000 for 10-week period

**How to Apply**

**Learn More**
For additional information, visit the [Repperger Research Intern Program website](https://www.zintellect.com/Opportunity/Details/AFRL-711HPW-2022-Repperger). If you have any questions, please contact AFRL-Summer@orise.orau.gov

- **EERE Robotics Internship Program: Now Accepting Applications**
  Apply Now!

**Deadline:** Application and recommendations are due January 25, 2022, 11:59 PM EST.

The U.S. Department of Energy (DOE) Office of Energy Efficiency & Renewable Energy (EERE) **Robotics Internship Program** is a 10-week summer internship program for students majoring in a field related to robotics. The program provides opportunities for high school seniors, undergraduate and graduate students and postgraduates to intern at federal national laboratories throughout the United States.

**Why should I apply?**
You will receive:
- Hands-on experience in development of future robotics technical, engineering, and advanced manufacturing technologies
- Development of professional networks with leading scientists and subject matter experts
- Identification of career goals and opportunities
- Benefits include
  o Stipend starting at $700/week
  o Travel reimbursement up to $2,000, if eligible

[https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjJmLTY0NjQ2ZjgwZjcMwAQAA2nG9s%2FgUxHuLQE7EM](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjJmLTY0NjQ2ZjgwZjcMwAQAA2nG9s%2FgUxHuLQE7EM)
Eligibility
- Be a U.S. citizen
- Be at least 18 years old by May 1, 2022.
- Be a high school senior, undergraduate or graduate student, or recent graduate of an accredited institution of higher education majoring in science, technology, engineering, or mathematics discipline related to robotics and/or manufacturing.

For more information
Contact us at AMO.Internships@orise.orau.gov.

- **Spring 2022 AMP STEM PREP and URS application**
  January 31, 2022 is the Spring 2022 deadline for NMAMP (New Mexico Alliance for Minority Participation) STEM PREP and URS applications. You may find those applications and more info here: [https://nmamp.nmsu.edu/](https://nmamp.nmsu.edu/)

Students must be Hispanic, Native American or African American or indigenous Pacific Islander per NSF definitions. Eligible majors are restricted to traditional STEM: any engineering or computer science, math/stats, bio, eps, envi sci, Phys/astron, Chem.

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**UNM EVENTS/NEWS**

*Listed in Chronological Order*

(Repeat/Continuous opportunities are listed below Jobs/Research Opportunities/Scholarships)

*Check back next semester for new information.*

*Check back next week*

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**COMMUNITY EVENTS/OPPORTUNITIES**

*Check back next week*

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We hope to see you around.

In Solidarity,

**Yadééeh E. Sawyer, Ph.D. (she/her/ella)**

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Retention Program Specialist (UNM Alumni; Staff Council Grade 12 Rep)
Green Zone and Dream Zone Certified
UNM - Engineering Student Success Center - Room 2095
yadeeh@unm.edu
505.277.9151

Stay informed through our app: [succESS](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcMwAQAA2nG9s%2FgUxHuLQErJ7EM%2F...)

**ESS Webpage:** [ess.unm.edu](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcMwAQAA2nG9s%2FgUxHuLQErJ7EM%2F...)

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](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcMwAQAA2nG9s%2FgUxHuLQErJ7EM%2F...)

**Events and Workshops:** [ess.unm.edu/events](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcMwAQAA2nG9s%2FgUxHuLQErJ7EM%2F...)

https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcMwAQAA2nG9s%2FgUxHuLQErJ7EM%2F...
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://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAA2nG9s%2FgUxHuLQEzJ7EM))