Weekly ESS Center Announcements
Week of February 1, 2021

Please share as you feel appropriate.

ESS HOTLINE: 505-277-4354 | E-mail: ess@unm.edu | Website: ess.unm.edu

Spring 2021 Update: ESS is open for limited services on Wednesdays and Fridays from 12-5 PM (Regular staff members are not on-site and are only available, remotely). Visitors will still be expected to comply with our COVID-19 procedures as usual, i.e. wearing a mask, signing in, temperature check, and social distancing, upon entering the office. The office will continue to be locked and will still need to ring our doorbell for entry.

We are still not offering computer lab access, but printing is available when our student employee is there to assist them.

We also continue to be available remotely by scheduling virtual meetings with any of our area experts Monday through Friday from 8 am - 5 pm.

SUMMARY

All of our events are FREE and you can...
WIN a book scholarship. GAIN experience. BUILD your skill set. ENHANCE your resume.

- Upcoming Engineering Student Success Center Events and opportunities
  - This Week
    - Chemical & Biological Engineering Night (Feb 3)
    - Info Session: Cyber-Physical Systems Summer Intensive Research Internship (Feb 3)
    - Let’s Chat (Feb 3)
    - Mock Exams (Feb 4 & 5)
    - Join one of our Semester Long Programs (Deadline Feb 5)
  - New Announcements
    - ESS Spring 2021 Tutor Schedule
    - Computer Science Night (Feb 10)
    - Join our ACED Tech Skills Sessions (Saturdays: Feb 27, Mar 27, Apr 24)
    - Manage Your Time (Mar 5)
    - Do you know a high school student interested in STEM? Tell them about our summer camps! (Deadline Apr 15)
  - Next Week
    - Lab Safety Matters! Part 2 (Feb 9)
    - STEM Mixer (Feb 12)
  - Coming Up
    - Study Skills (Feb 18)
    - History & Careers within Engineering & Computing (Feb 19 – 26)
    - Present your research at UROC (Deadline Feb 28)
  - Reminders
    - Together We Stand
    - UNM's Office on Violence Against Women Grant Asks, What Does it Mean to be an Engaged Man on Campus?
    - Other ESS Center/SOE News and Info

- Other UNM opportunities and news for STEM students
- Job/Research Opportunities/Scholarships
  - Join our Internship Programs
- Community news and opportunities

Stay informed via our new app!
engineering your success
Download instructions:
https://success.unm.edu/about/howToInstall

Please visit UNM’s dedicated COVID-19 web site and follow UNM social media platforms for more information, as it becomes available.

Please share as you feel appropriate.

Follow us on Social Media

We have additional resources for Future Students [HERE](https://ess.unm.edu/events).

**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 app ([success.unm.edu](https://success.unm.edu)).

**THIS WEEK:**

- **Info Session:** Cyber-Physical Systems Summer Intensive Research Internship - Creating technology to help people.
  
  *When:* January 29, 2021. 2:30 – 3:30 PM.
  
  *Where:* via Zoom ([https://unm.zoom.us/j/98333923546](https://unm.zoom.us/j/98333923546))
  
  *More info:* [anatomy.unm.edu/anatomy.unm.edu](http://anatomy.unm.edu/anatomy.unm.edu)
  
  *RSVP* is preferred but not required

  ess.unm.edu/events > February…or our app ([success.unm.edu](https://success.unm.edu))

- **Chemical & Biological Engineering Night:** This is a great opportunity to network with peer student researchers and faculty in the department.
  
  *When:* Wednesday, February 3, at 6:30 pm.
  
  *Where:* [https://goto.unm.edu/cbenight](https://goto.unm.edu/cbenight)

- **Gear Up & Let’s Chat:** Come and chat, ask questions, or just say hi. We are here for you.
  
  *When:* Wednesday, February 3, 2021. 9:30 - 10:30 PM - for you night owls.
  
  *Where:* Via Zoom ([https://unm.zoom.us/j/95422186151](https://unm.zoom.us/j/95422186151))
  
  *No RSVP needed,* but if you do, we will send you an email reminder so you don't forget

  ess.unm.edu/events > February…or our app ([success.unm.edu](https://success.unm.edu))
**Mock Exams** - Similar to Mock Finals. Know how you are doing in your courses classes before it is too late. This is a general knowledge check, so some content of the Mock Exam may be information you have yet to cover in your course. Courses served are CHEM 1215 (Gen Chem 1), MATH 1250 (Trig/Pre-Calc with Dr. Ifzarene, but all Tri & Pre-Calc students are welcome), MATH 1512 (Calc 1) and MATH 1522 (Calc 2), and PHYS 1310 (Calc-based Physics 1 based on Dr. Goldflam's course, but all are welcome). ESS and CAPS tutors will be available to answer any of your content questions.

**When:** Thursday & Friday, February 4 & 5, 2021.

**Where:** Virtual. Register to gain access to a mock exam ([Pre-registration [HIGHLY ENCOURAGED]](https://outlook.office365.com/mail/deleteditems/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAGkHH6SqVkAaltDH%2FzXviZU%3D) or between 9 AM and 4 PM on Thursday, February 4th).

**Partners/Presenters:** ESS, CEP & CAPS

**More Info:**
- Access to Mock Exams - via RSVP (HIGHLY ENCOURAGED) or between 9 AM and 4 PM on Thursday, February 4th.
- Access to Exam Keys - Thursday, February 4 between 10 AM and 4 PM or Friday, February 5 between 9 AM and 2 PM. You MUST complete an exit survey and show a completed Mock Exam to receive the exam key.
- Tutor help - Thursday, February 4 between 2 and 5 PM, Friday, February 5 between 9 AM and 1 PM, or during regular ESS and CAPS tutor hours.

**RSVP is HIGHLY ENCOURAGED, but not required.**

[ess.unm.edu/events](https://ess.unm.edu/events) > February...or our app ([success.unm.edu](https://success.unm.edu))

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**Mock Exams**

2 days! Thursday & Friday, February 4 & 5, 2021

Take a PRACTICE TEST (Thurs 9 - 4 PM ONLY)

Receive an ANSWER KEY

(Thurs 10 AM - 4 PM & Fri 9 AM - 2 PM)

Get help from TUTORS

(Thurs 2 - 5 PM & Fri 9 AM - 1 PM)

Tests Offered:

Chem 1215

Math 1512, 1522, & 1250 (new Dr. Ifzarene, but all sections are welcome)

Physics 1310 (based on Dr. Goldflam's course, all sections are welcome)

Online via email & Zoom

Pre-registration is HIGHLY encouraged.

[ess.unm.edu/events](https://ess.unm.edu/events) > February

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**Join one of our Semester Long Programs**

No GPA or Citizenship requirements!
NEW ANNOUNCEMENTS:

- **Our ESS Tutors are up and running!** Get help with many of your core science, engineering, and computing classes. Our tutors are available (online) during normal business hours, but also nights and weekends.
  - See the Spring 2021 schedule on our tutoring page: [https://ess.unm.edu/services/tutoring](https://ess.unm.edu/services/tutoring)
  - And, you can meet our tutors here: [https://ess.unm.edu/services/tutoring/meet-our-tutors.html](https://ess.unm.edu/services/tutoring/meet-our-tutors.html)

- **Computer Science Night:** This is a great opportunity to network with peer student researchers and faculty in the department.
  - **When:** Wednesday, February 10, at 6:30 pm.
  - **Where:** [https://goto.unm.edu/csnight](https://goto.unm.edu/csnight)

- **Join our ACED Tech Skills Sessions**
  - [https://ess.unm.edu/programs/current-students/aced-unm/index.html](https://ess.unm.edu/programs/current-students/aced-unm/index.html)
  - 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.
  - RSVP is preferred but not required
    - [ess.unm.edu/events](https://ess.unm.edu/events) > February …or our app ([success.unm.edu](https://success.unm.edu))

All events will be held virtually via Zoom at [https://unm.zoom.us/j/97377022577](https://unm.zoom.us/j/97377022577)

- **Project Management**
  - *Presented by:* UNM Mech E Alumna Donya Ziraksari
  - *When:* Saturday, February 27, 9-11am
- **Bid Evaluation and Value Engineering**
- **Manage Your Time** - and the effects on stress and test anxiety.
  - **When:** Friday, March 5, 2021. 1 - 2:30 PM.
  - **Where:** via Zoom (https://unm.zoom.us/j/93031674242).
  - **Partners/Presenters:** SHAC – Ray Mitchell, LPCC

  RSVP is preferred but not required

  ess.unm.edu/events > March …or our app (success.unm.edu)

- **Do you know a high school student interested in STEM?** Tell them about our summer camps!
  - **Deadline Apr 15. More info:** https://ess.unm.edu/programs/k-12-opportunities/ess-summer-programs/index.html
2/2/2021

Mail - Yadeeh Sawyer - she/her/hers - Outlook

https://outlook.office365.com/mail/deleteditems/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAGkHH6SqVkAaltDH%2FzXviZU%3D

N W:

· 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*. When: Every other Tuesday from 2 - 3 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): 3/9: Hazard Communication in the Laboratory & Hazardous Waste Management 2/9 or 3/23: Hierarchy of Hazard Control & PPE 2/23 or 4/6: Hazard Evaluation and Heuristics Partners/Presenters: Environmental Health & Safety RSVP is preferred but not required ess.unm.edu/events...or our app (success.unm.edu)

· STEM Mixer - Come network with others interested in STEM. This event is open to all UNM students, as well as UNM Staff and faculty, along with NM STEM Professionals. When: Friday, February 12, 2021. 3:30 - 5:30 PM. Where: Zoom with Breakout rooms based on field of interest. https://unm.zoom.us/j/95952027972 RSVP is preferred but not required. ess.unm.edu/events > February...or our app (success.unm.edu)
Coming Up:

- **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).
  
  When: February 18, 2021, 2 - 4 PM.
  
  Where: via Zoom ([https://unm.zoom.us/j/96222033907](https://unm.zoom.us/j/96222033907)).
  
  Partners/Presenters: [caps.unm.edu]CAPS

RSVP is preferred but not required

[ess.unm.edu/events > February...or our app (success.unm.edu)]
- **History and Careers within Engineering & Computing** - Come learn about the significant points in history and what careers are out there for you through a Showcase of research in each field. (Presenter range from UNM Undergraduate students to industry partners. Presenters are listed on our website: ess.unm.edu/events > February)

*Where:* via Zoom (https://unm.zoom.us/j/92334286337)

*When:* February 19, 22 - 26, 2021. 4 - 5 PM daily.
- Fri, 2/19: Computer Science
- Mon, 2/22: Chemical & Biomedical Engineering
- Tues, 2/23: Civil, Environmental, & Construction Engineering
- Wed, 2/24: Electrical and Computer Engineering
- Thurs, 2/25: Mechanical Engineering
- Fri, 2/26: Nuclear Engineering

RSVP is preferred but not required
ess.unm.edu/events > February...or our app (success.unm.edu)

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- **Are you doing research? Want to share that with students at UNM?**
Present at this year’s Undergraduate Research Opportunities Conference!

*Abstract Submission Deadline: February 28 @ 11:59 PM.*
http://uresearch.unm.edu/index.html

Abstract Workshop: February 15 @ 12 PM
Presentation Workshop: March 9 @ 1 PM

(And, ESS Center will also have a “Giving Effective Poster & Oral presentations” workshop the week of March 8th)

This year’s Undergraduate Research Opportunity Conference (UROC) will be held virtually on April 15 (Thursday). The Abstract Submission deadline is February 28, and the workshop will be held on February 15. The students can present their research projects through three presentation types - 10-minute oral presentation, poster presentation, and UROC180 (3-minute oral presentation). Please encourage your students to sign up for the workshop and submit their abstracts. The scholarships will be provided for the top three presenters of UROC180.

Contact Dr. Kiyoko Simmons (ksimmons@unm.edu) or Dr. Sarita Cargas (cargas@unm.edu) with any questions.

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**Reminders:**
UNM’s Office on Violence Against Women Grant Asks, What Does it Mean to be an Engaged Man on Campus?

ESS is a partner in the Engaging Men & Masculine People initiative.

UNM’s Office on Violence Against Women Campus Grant focuses on lessening the occurrences of sexual assault, dating/domestic violence & stalking on college campus. The grant’s Engaging Men & Masculine People group asked key students, staff & faculty: What does it look like to be an engaged man on campus? What does it mean to you be a bystander against gender-based violence?

Watch, listen and think about what it means for you! Remember #EachOfUs Defines AllOfUs
https://www.youtube.com/watch?v=iuu24gWlIAY&feature=youtu.be

OTHER ESS CENTER/SOE news and information:

- **Quick Takes from the Dean - Week of February 1, 2021**
  - UNM Engineering online master’s programs ranked No. 50 in nation by “U.S. News”
  - UNM team qualifies for second phase of NASA Robotics Challenge
  - Engineering in Action features a reactor demo on Feb. 26
  - ROTC internship program looking for participants

- **UNM NE Weekly Seminar**
  Tuesday, Feb 2 2021 @ 2pm MST. [https://unm.zoom.us/j/96858073076](https://unm.zoom.us/j/96858073076). Passcode: UNM_NE501

  "Novel Micro- and Mesoscale Techniques for Mechanical Property Characterization and their Applications" - Dr. Jonathan Gigax LANL

  **Abstract:** Mechanical property evaluation of neutron irradiated materials is the technique of choice for understanding degradation in service. However, the limited number of facilities and long irradiation times severely restricts the testing throughput. Ion irradiation is one approach to screening candidates quickly as the irradiation time are orders of magnitude less, with the limited ion penetration depth as a major drawback to the technique. In light of this, we have developed novel techniques for extracting additional information from this region. Our studies have focused on improving existing nanoindentation approaches, developing microshear compression testing, and expanding mechanical testing to the mesoscale. These techniques span the ranges typically achieved by light and heavy ions, and have provided new insights into the effects of radiation damage on materials.

- **Galentine Meeting with SWE – Games and trivia: February 3 @ 5:30 PM**

- **Did you miss the IEEE Meeting? No problem.**
  You can find the meeting minutes [HERE](https://outlook.office365.com/mail/deleteditems/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAGkHH6SqVkAaltDH%2FzXviZU%3D).
NEW non-ESS ANNOUNCEMENTS

OTHER opportunities and news for STEM students:

UNM Events/News

- Virtual Career Expo – all Majors and Industries
  Thursday, February 11, 2021 from 11 AM – 2 PM
  Registration coming soon.
  https://career.unm.edu/students--alumni/career-fairs.html

- CAMPUS RESOURCES: SELF CARE EDITION
  - Be your own advocate. And, be honest with yourself: If you feel overwhelmed and overloaded, you are not alone, but don’t let anyone (advisor/peers/professors) pressure you or talk you into piling more on your plate when you know your plate is already full. Know your own personal normal (your personal normal may be drastically different than someone else’s).
  - Student Health and Counseling (SHAC): shac.unm.edu or 505-277-3136
    SHAC offers:
    - Medical Appointments (standard doctors and specialist visits)
    - Counseling (online therapy assistance & in-person counseling)
    - Acupuncture
    - Allergy & Immunization
    - Lab
    - Massage
    - Pharmacy
    - Physical Therapy
    - Sexual & Reproductive Health
    - Travel Health
    - Workshops
    - X-ray
    As well as emergency and after hours services.
  - Johnson Center: recsvcs.unm.edu or 505-277-0178 (Free for all full-time students)
  The gym has everything from standard gym equipment, various court spaces, pools, fitness classes to even an outdoor and bike shop where you can rent equipment to take you on your next adventure.
  - LoboRESPECT. https://loborespect.unm.edu/
  UNM's comprehensive approach to preventing and responding to sexual misconduct in our campus community. Their website includes information on our prevention education efforts and programs, services and support for victims of sexual misconduct, and our policies.
  - SMART: Sexual Misconduct and Assault Response Team. [Smart.unm.edu] Smart.unm.edu
  The SMART website is a resource for those affected by sexual misconduct, including survivors, families, friends, and the UNM community. SMART helps coordinate resources and focuses campus efforts to assist those affected by sexual misconduct from the first response all the way through recovery process.
  - Crisis support:
    - AGORA Crisis Center: www.agoracares.org or 505-277-3013 or 866-HELP-1-NM
    Agora’s services include online emotional support where you can chat with somebody, or get information and referrals, volunteer opportunities and community education services
    - National Suicide Prevention Lifeline: 1-800-273-8255
    - Crisis text line: 741-741
    - NM Crisis & Access Line: 1-855-662-7474
    - UNM Psychiatric Center: 505-272-2920
The UNM Dental Hygiene Class of 2021 are in great need of patients for dental cleanings in order to fulfill our requirements for graduation this May. Email Demetra Wenberg at DdWenberg@salud.unm.edu.

The UNM Dental School of Medicine offers a variety of programs for dental hygiene and advanced dental treatment.

Homegrown Scientists talk
Wednesday, February 3, 2021 @ 3:30 PM featuring Abigail Axness and Aislinn Handley via Zoom (https://unm.zoom.us/j/93894700094)

Abigail is originally from Albuquerque and after completing her bachelor’s in Earth and Planetary Sciences at UNM she is now a Geoscience MS student at Boise State University. Aislinn originally hails from Arizona but relocated to New Mexico in 2013. She has a background in Public Administration but recently switched gears and is now pursuing a MS in Computer Science at UNM. I’m very much looking forward to hearing their insights on life in STEM.

SHAC Workshop:
RSVP 48 hours before each workshop to studentcounseling@unm.edu

- Sex During COVID-19 Hits Different
  Wed, Feb 3, 9 – 10 AM

- Stress & Anxiety Toolbox
  Fri, February 12 from 11 AM – 12:30 PM
Black History Month with African American Student Services

"Oh but my joy of today
is that we can all be proud to say
To be young, gifted, and black
Is where it's at" - Nina Simone
For more information about each of these programs, please visit African American Student Services Events page or click HERE.

The GRC is offering Online Workshops Across Disciplines

Including... Time Management
February 3 @ 12 PM via https://unmgrc.unm.edu/workshops/current-workshops.php
And, Developing a Research Topic
February 17 @ 12 PM via https://unmgrc.unm.edu/workshops/current-workshops.php

- Rhodes, Marshall, & Mitchell Scholarships Info Session
  Scholarship information session on February 17 at 5 pm on Zoom. https://unm.zoom.us/j/95394520653

These scholarships provide funding for graduate degrees in any academic fields in UK and Ireland. First and second-year students are welcome even though they are not applying this year because that way you can find out about these opportunities early so that you have time to prepare!

**Rhodes Scholarship** ([www.rhodesscholar.org](http://www.rhodesscholar.org)) For 2-year study at the University of Oxford
Be a U.S. citizen or permanent residence
Upon entry to Oxford, the candidate must either be under 25 years of age, or up to a maximum age of 28 years old if they have completed their first undergraduate degree within the last 2 years

**Marshall Scholarship** ([www.marshallscholarship.org](http://www.marshallscholarship.org)) For 2-year graduate study in any British colleges
Be a U.S. citizen, Have a minimum G.P.A. of 3.7
Earned first undergraduate degree within the last 2 years (no age limit)

**Mitchell Scholarship** ([www.us-irelandalliance.org](http://www.us-irelandalliance.org)) For 1-year graduate study in Ireland and Northern Ireland
Be U.S. citizens
Be 18 years of age or older but not yet 30 on the date the application is due
(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)

(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.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: nabdelha@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
  
  https://ess.unm.edu/programs/current-students/jobs-and-internships/index.html

  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

- The One Albuquerque: Virtual Youth Job & Volunteer Fair is Almost Here!

  The City of Albuquerque is hosting live interviews and live seminars on Saturday, February 6, 2021 from 10 a.m. to 2 p.m. with various City departments.

  This year’s job fair is going virtual! Youth ages 14 to 25 are invited to discover hundreds of employment and volunteer opportunities in Albuquerque.

  Please sign up for an interview before February 5th, as registration for interviews ends at midnight on February 4th. However, we are encouraging youth to apply at any time for available jobs. Register HERE.

  Explore additional information available now including: Preparing to apply for a job, a quiz to find your perfect fit for a job with the City of Albuquerque, and links to City of Albuquerque youth job positions.

- SIRI 2021: Summer Intensive Research Internship for Cyber-Physical systems. Research

  Taking place at Purdue. UNM’s Dr. Meeko Oishi is part of this program. Deadline is February 15. For more info or to apply visit [autonomy.unm.edu]autonomy.unm.edu.
**EERE Robotics Internship Program**  
*Deadline: February 8, 2021 @ 4 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. The EERE Robotics Internship Program is sponsored by the EERE Advanced Manufacturing Office (AMO).


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**Summer Student Opportunities Round-Up.**

**NM EPSCoR** has compiled a short-list of the best summer 2021 opportunities that are accepting applications right now.

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**NM SMART Grid Center STEM Advancement Program (STEMAP)**  
*Application Period: Feb 1 - March 5. More info [HERE](#).*

STEMAP 2021 will be a virtual 8-week summer internship engaging students from New Mexico regional universities, community colleges, and tribal colleges in NM SMART Grid Center research and training activities. Benefits: $4,000 stipend, living allowance, and 3 credits of independent study from NMSU. (Students from UNM, NMT, and NMSU main campus are not eligible).
UNM CEP is hiring PLFs
What is a PLF?
A Peer Learning Facilitator is a student who partners with an instructor to help generate collaborative, active learning in large-enrollment classes. The goal of a PLF is to provide support in the classroom so that students learn from one another in addition to an expert instructor. In addition to attending the PLF class consistently, PLFs hold office hours where students are free to come with any questions they may have. To maintain and improve academic and mentoring skills, PLFs also attend training sessions on a weekly basis throughout the semester.

To qualify for the job we need the following:
- Must be and arts and sciences major (Any major in a&s)
- Must be a Sophomore and beyond
- No experience necessary as PLF
- Must be available to work - Tuesday, and Thursday, 9 AM to 10 AM (Topic: A&S probationary course)
- Must be available for a meeting on Tuesdays at 4 PM
- Must be available Wednesdays from 4 to 6, student must register for the edpy 393 class. (3 credit hours, CEP pays tuition)
- This job pays $12 an hour and you would be guaranteed at least 10 hours per week per class that you PLF.

This position is a great resume builder, student would be working directly with students and would be receiving professional development each week to help to improve skills.

Email Trinidad Mendoze, CEP Supv Student Success at tmendoz1@unm.edu or call 505-277-5321 if interested.

NM SMART Grid Center Externships
MS and PhD students supported by NM EPSCoR
Externships are funding opportunities for graduate students to spend a semester at a national lab, industry or research facility, government agency, or higher education institution other than the student's host institution. Amount: Up to $3,000.

Community Events/Opportunities

INMM Southwest Professional Chapter meeting
February 5, 2021 @ 11 AM.
Register here: https://nstc.sandia.gov/events/inmm-sw-career-networking-event/registration

SACNASxNSF: NSF Insights on Fellowships, Internships, and Funding STEM Pathways
February 2, NSF Webina
Tailored for students and early career professionals this webinar will share the criteria and processes required to receive NSF supported fellowships and internships through programs such as the GRFP, and NSF INTERN, and AAAS. More Information and Registration Link

SMART Networking
February 17, NM EPSCoR Event
Join us for SMART Networking where you can catch up and talk shop with SMART Grid students, faculty, and researchers in a fun and interactive Zoom call. Opportunities over the hour include small group networking, a SMART Grid related trivia contest, and chance to win prizes. More Information and Zoom Link

NSF EPSCOR #betterposter Workshop & Competition
February 18, NSF EPSCoR Event
Students you’re invited to participate in a (free) #BetterPoster science communication workshop and poster competition, sponsored by the NSF EPSCoR EOD Council and the EPSCoR/IDeA Foundation. Attendees will sign up for 30-minute slots and competition prizes range from $50 - $100. More Information

Exploiting Symmetry in Large-Scale Optimization and Control
March 24, NM EPSCoR Webinar
New project faculty member, Dr. Claus Danielson will present theoretical and algorithmic results on exploiting symmetry to reduce the computational complexity of large-scale control and optimization problems. Zoom Registration Link

Looking for more volunteer opportunities?
Visit One Albuquerque Volunteers today to create a volunteer profile and find safe opportunities near you!
• Did you know free WiFi in your neighborhood?
Did you know there are over 40 free WiFi hotspots available throughout Albuquerque? Locations include areas like libraries, parks, & community centers. There’s probably a hotspot near you! Find a location near you.

PREVIOUS ANNOUNCEMENTS

OTHER OPPORTUNITIES AND NEWS FOR STEM STUDENTS:

STUDENT ORG MEETINGS
Check back later

UNM EVENTS/NEWS

Listed in Chronological Order
(Repeat/Continuous opportunities are listed below Jobs/Research Opportunities/Scholarships)
Check back next semester for new information.

• UNM Honors College Discovery Lecture Series and UNM LEAF: Land Witness Project & Beata Tsosie-Peña
Wednesday, February 10th at 4 pm
Zoom Link: https://unm.zoom.us/j/97010907638
Join us for a discussion with Nancy Weeks Singham a member of the Land Witness Project and Beata Tsosie-Peña from Tewa Women United. The Land Witness Project highlights stories about the impact of climate change on New Mexicans lives and livelihoods. Beata Tsosie-Peña will discuss the work she does as an Environmental Health and Justice Program Coordinator at Tewa Women United, a multicultural and multiracial organization based in Española led by Native women. Beata works to heal and restore the land. This work in turn restores her people from the cumulative traumas of centuries of racism, colonialism, poor health care, chronic exposure to environmental contaminants, and climate change.

• Climate Change and Human Health ECHO series - Increase your knowledge about climate change and health!
Project ECHO is hosting an 8-week, one-hour weekly, Climate Change and Human Health series beginning February 17- April 7, 2021- on Wednesdays from 10-11:15am MT
This program is hosted on Zoom, is free and open to all educators, conservationists, healthcare providers, public health professionals, first responders and community health workers.
No-cost CMEs and a certificate of completion are provided. More information: https://echo.unm.edu and registration: https://ctsctrials.health.unm.edu/redcap/surveys/?s=8YWJ9FDF6

JOB/RESEARCH OPPORTUNITIES/SCHOLARSHIPS

• Are you a UNM Undergrads who wants to explore grad school at UT Austin or UNM?
More information or to apply, visit: https://nascent.utas.edu/research-experience-undergraduates-reu-program. Deadline: February 8, 2021.

• Native American Research Internship – U of Utah – Department of Pediatrics
Application Deadline – February 12, 2021
More info: https://medicine.utah.edu/pediatrics/research/education/nari/

• Paid APS/IBM Research Internships
Applications and letters of recommendation are due by February 15, 2021. Please refer to the application process for further details on how to apply.

Looking for a paid summer internship to enhance your STEM education? Interested in working at a world-class research facility? APS and IBM co-sponsor two undergraduate research internship programs for women and underrepresented minorities.

The goals of these programs are to encourage women and underrepresented minority undergraduate students to pursue graduate studies in science and engineering. They are also enticing to students because:

• Both internship programs feature salaried positions at IBM Research locations that are typically 10 weeks long.
• These internships provide an opportunity for interns to work closely with an IBM mentor.
• You will have the opportunity to travel to either San Jose, CA, Austin, TX, or Yorktown Heights, NY for these positions.
• Undergraduate interns are located at any of the locations, and the research internships for underrepresented minorities are located in San Jose.

While the Austin lab focuses on research for software and systems, the other programs have a full range of research opportunities.

• Repperger Research Intern Program
Deadline: February 15, 2021. Submit your application at the following link: https://www.zintellect.com/Opportunity/Details/AFRL-711HPW-2021-Repperger

The Repperger Research Intern Program is a 10-week educational experience, providing research opportunities for students at one of three Air Force research facilities 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).

• Society of Women Engineers Scholarships
(Sophomores and above)
Application Deadline: Feb 15
Provides financial assistance to those who identify as a female/woman and are studying community college, undergrad, or graduate programs in preparation for careers in engineering, engineering technology and computer science. Amount: Varies by scholarship. More info HERE.

• Hispanic Scholarship Fund
(HS seniors, undergrads, community college, graduate)
Application Deadline: Feb 15
Goal: The HSF Scholarship is designed to assist students of Hispanic heritage obtain a university degree. Amount: $500 - $5k. More info HERE.

https://outlook.office365.com/mail/deleteditems/54A/AOJaAD1Yjv0NTFmLY0I10e9dailybNc1zQFmLY0I10e9z0gZv0MWaaqOGVH65s43kAa4dH%2FzxxZUF%3D?rd=1&ts=1612467341
• **Cyber-Physical Systems Summer Intensive Research Internship**
  
  **Application deadline:** Feb 15
  
  **Goal:** To introduce students to cyber-physical systems (CPS), promote inclusive academic research environments in CPS, and more. More info to be released in the weeks to come. More info [HERE](#).

• **GRADUATE STUDENTS: Please check out this internal funding opportunity for self-supported grad students (MS or PhD)**
  
  ***This funding is ONLY open to graduate students in the School of Engineering at the MS or PhD level who are self-supported and DO NOT have a Research Assistantship (RA), a Teaching Assistantship (TA), OR who DO NOT receive any tuition benefits from their employer.***
  
  - SPRING deadline: February 15 (to be awarded around March)
  - FALL deadline: September 15 (to be awarded around October)
  - Funding is limited. Amount awarded varies based on number of applicants and funds available each semester.
  
  In addition to the quick [application form](#) in the link below, students must also email a [screenshot of their current DETAILED/ITEMIZED Bursar’s account statement](#) (for Spring 2021) for the respective semester they are applying for (no prior semester bills accepted). Send Bursar’s detailed account to [scholarships@unm.edu](mailto:scholarships@unm.edu).
  
  - It should take students 2 to 5 minutes to apply.
  
  - **APPLICATION FORM**

• **Applications for 2021 Expeditions STILL OPEN!**
  
  Do you know any 16- or 17-year-old girls who might be interested in Inspiring Girls? [Encourage them to apply today](mailto:mcnair@unm.edu)!

  Anyone interested in applying for our **North American expeditions** (Girls on Ice Alaska, Girls on Water, Girls in Icy Fjords, Girls on Ice Cascades, Girls in the Forest, Girls on Rock, and Girls on Ice Canada) must register to start an application by January 22 (one week from today!). Applications are due January 29 at 9 a.m. Alaska time. We close registrations one week before the due date to provide better support to everyone who registered early.

  Folks interested in applying for our **expeditions in Europe** (Girls on Ice Schweiz, Girls on Ice Suisse, and Girls on Ice Austria) must start applications by February 19.

• **Need Research Experience? MARC is currently recruiting for their next cohort.**
  
  Are you interested in research? Want to get paid to work in a lab while gaining valuable skills and preparing for graduate school? Apply to the UNM Maximizing Access to Research Careers program. Contact us for more details: [marc@unm.edu](mailto:marc@unm.edu). **Deadline:** February 28, 2021.

• **ACES Scholars**
  
  (Undergrads that are African-American/Black, Hispanic/Latino, or American Indian)
  
  **Application Deadline:** March 1 [MORE INFO](#).
  
  To support underrepresented minority students majoring in undergraduate chemistry-related disciplines, and are also intending to pursue careers in chemistry-related fields. **Amount:** Up to $5K per year.

• **ACS Scholars**
  
  (Undergrads that are African-American/Black, Hispanic/Latino, or American Indian)
  
  **Application Deadline:** March 1
  
  Goal: To support underrepresented minority students majoring in undergraduate chemistry-related disciplines, and are also intending to pursue careers in chemistry-related fields.
  
  **Amount:** Up to $5K per year. More info [HERE](#).

• **NOMAD Research Institute Opportunity**
  
  The job posting for graduate internships can be found on the [sandia.gov](http://sandia.gov) webpage by searching job ID 674402; the job ID for the undergraduate posting is 674214. Applicants will be evaluated through early March 2021 or until positions are filled. No decision has been made yet regarding the format of the program this year but expect we will arrive at one around March or April.

• **Grants-in-Aid of Research (GIAR) Program**
  
  **Website:** [https://www.sigmaxi.org/programs/grants-in-aid](https://www.sigmaxi.org/programs/grants-in-aid)
  
  **Deadline:** March 15 (Spring) & October 1 (Fall)
  
  **Funder:** Sigma Xi, The Scientific Research Honor Society
  
  **Amount:** Upper $5,000 USD. The program awards grants of up to $1,000 to students from most areas of the sciences and engineering.
  
  **Applicant Type:** Undergraduate, and Graduate Student or Pre-doc.
  
  **Citizenship:** Unrestricted
  
  **Eligibility:** Undergraduate and graduate students currently enrolled in degree seeking programs may apply; Membership in Sigma Xi is not required to apply, but we strongly encourage you to consider becoming a member prior to the grant application deadline.

• **NM Space Grant Scholarships and Fellowships - Applications OPEN**
  
  [NM Space Grant Scholarships and Fellowships](https://www.unm.edu/index.php?id=41815) just opened the application period for scholarships and fellowships for the Fall 2021 and Spring 2022 semesters. The application period will be open from January 18 to April 5, 2021.

  NMSGC offers scholarships and fellowships to students enrolled in any community college or university in New Mexico. Applicants must be U.S. citizens and must be majoring in a STEM field, with exception of the Education Major & In-Service Teacher Scholarship. Please click on each link below to view specific requirements.

  **Fall 2021 – Spring 2022 Scholarships and Fellowships:**
  
  **Graduate Research Scholarship:** – $10,000 for two academic semesters, up to four semesters.
  
  **Undergraduate Research Scholarship:** – $5,000 for two academic semesters, up to four semesters.
  
  **Education Major & In-Service Teacher Scholarship:** – $2,500 for one semester (undergraduate students) and up to $5,000 for two semesters (graduate students).
  
  **Community College Student Scholarship:** – $1,000 for one semester, up to two semesters.

  **McNair & ROP Application Opens Jan. 1!**
  
  McNair & Research Opportunity Program (ROP) prepare undergraduate students for graduate school. If you have any questions about this program please email [mcnair@unm.edu](mailto:mcnair@unm.edu).
  
  **Priority deadline is April 12, 2021.** [http://mcnair.unm.edu](http://mcnair.unm.edu). Check out this short video (2min) to learn more about UNM McNair & ROP: [https://youtu.be/sOT_BUzc03Q](https://youtu.be/sOT_BUzc03Q). Eligibility: Undergraduate students with at least 60 credits by Fall 2021 and a 3.0 cumulative GPA are encouraged to apply. Other eligibility requirements are listed on the application. Apply soon, while we still have openings!

**UNM Events/News**

**Repeat/Continuous Opportunities**

• **UNM Career Services Offers Help via Virtual Walk-Ins**
  
  Tuesdays, and Wednesdays 10 am – 12 pm on Zoom: [https://unm.zoom.us/j/92852442388](https://unm.zoom.us/j/92852442388)

• **Want to learn about how to better be an active bystander?** Email ntokonow@unm.edu to take this training!
Women’s Resource Center re-occurring events

As the WRC prepares for their 50th Anniversary, they want to hear from YOU! Did you have a favorite memory of the WRC? Join any of their groups? Fill out our story form [here](https://outlook.office365.com/mail/deleteditems/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAGkHH6SqVkAaltDH%2FzXviZU%3D) or email them at [women@unm.edu](mailto:women@unm.edu)!

The WRC as SNAP Virtual Walk-in Hours! Get help filling out your SNAP Application EVERY TUESDAY from 12-2pm. E-mail women@unm.edu for an appointment time.

Are you a survivor of sexual assault? Have you experienced a situation that feels bad or confusing? Do you feel like you don’t have anyone to talk to about your experience? Check out our Bilingual Anonymous ONLINE Chat for Survivors EVERY TUESDAY from 2pm-3pm! This chatroom allows folks to connect with others and advocates CONFIDENTIALLY, ANONYMOUSLY and ONLINE. You can access the chat at [https://affiliate.rainn.org/helproom/casafortaleza](https://affiliate.rainn.org/helproom/casafortaleza)

The WRC holds a virtual Eating Disorder Support Group EVERY WEDNESDAY from 5pm-6:30pm! Email women@unm.edu for the zoom link.

Graduate Resource Center (Available to ALL students) – Spring 2021 Workshops

unmgrc.unm.edu

Spring 2021 Writing Camps

GRC Writing Camps are designed to provide students with time and space to make progress on a thesis, dissertation, or article, even in an online space. Their first camp is this weekend, so sign up today!

For further information and to RSVP: [https://unmgrc.unm.edu/support-services/writing-support/writing-camps.php](https://unmgrc.unm.edu/support-services/writing-support/writing-camps.php)
We hope to see you around.

In Solidarity,
Yadeeh E. Sawyer, Ph.D. (she/her/hers)

Retention Program Specialist
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

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Workshops & Special Events for Engineering and Computer Science Students

ESS social media @UNMESSCenter

Events and Workshops: ess.unm.edu/events

Semester Long Programs:
- Get a STEM Professional as a mentor!
- Be a Mentor!
- Gain Student Research Experience!
- Engineering Projects in Community Service (EPICS) @ 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)