[UNM_STEM-L] February 8: Weekly ESS Center Announcements

STEM at UNM <UNM_STEM-L@LIST.UNM.EDU>
on behalf of
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Tue 2/9/2021 10:04 AM
To: UNM_STEM-L@LIST.UNM.EDU <UNM_STEM-L@LIST.UNM.EDU>

Weekly ESS Center Announcements
Week of February 8, 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**
    - Lab Safety Matters! Part 2 (Feb 9)
    - Computer Science Night (Feb 10)
    - STEM Mixer (Feb 12)
  - **New Announcements**
    - ESS Spring 2021 Tutor Schedule
    - Good vs Bad Presentations (Mar 11)
    - Join EPICS for the Fall 2021 Semester
  - **Next Week**
    - Study Skills (Feb 18)
    - History & Careers within Engineering & Computing (Feb 19 – 26)
  - **Coming Up**
    - Join our ACED Tech Skills Sessions (Feb 27, Mar 27, Apr 24)
    - Present your research at UROC (Deadline Feb 28)
    - Let’s Chat (Mar 4)
    - Manage Your Time (Mar 5)
    - STEM Summer Camps for High Schoolers (Deadline Apr 15)
  - **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: [success.unm.edu](https://success.unm.edu/about/howToInstall)

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](https://ess.unm.edu/events)).

**THIS 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*
  
  **When:** Every other Tuesday from 2 - 3 PM.
  **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](https://ess.unm.edu/events)...or our app ([success.unm.edu](https://success.unm.edu))

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**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)

**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](https://unm.zoom.us/j/95952027972)

RSVP is preferred but not required.
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)

- **Good vs Bad Poster & Oral Presentations**
  - When: Thursday, March 11, 2021. 3 - 5 PM.
  - Where: via Zoom ([https://unm.zoom.us/j/96688066211](https://unm.zoom.us/j/96688066211))
  - Presenter: Yadéeh Sawyer, PhD - ESS staff

  RSVP is preferred but not required
  
  [ess.unm.edu/events > March…or our app (success.unm.edu)](https://success.unm.edu)
It’s never too early to start thinking about next semester! Want to give back to the community, gain hands-on real-world research experience, and earn credit all at the same time? Then EPICS @ UNM is perfect for you.

This program is for students already admitted into their majors. Learn more at https://ess.unm.edu/programs/current-students/epics-unm/index.html or email us at epics@unm.edu

NEXT WEEK:

- 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.
- When: February 18, 2021, 2 - 4 PM.
- Partners/Presenters: [caps.unm.edu]CAPS
RSVP is preferred but not required

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

Workshop
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.

- Information Recall
- Anti-Cramming
- The Test Cycle

The University of New Mexico
Engineering Student Success Center | CAPS

Thursday: February 18, 2021
2 - 4 PM
Via Zoom (https://unm.zoom.us/j/96222033907)

- **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)

**COMING UP:**

- **Join our ACED Tech Skills Sessions**
  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 > February …or our app (success.unm.edu)

All events will be held virtually via Zoom at 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**
  - **Presented by:** UNM Civil E alum Ryan Griego
  - **When:** Saturday, March 27. 1:30-3:30pm

- **Managing Virtual Teams**
  - **Presented by:** UNM Mech E alumna Tennille Bernard
  - **When:** Saturday, April 24. 9-11am

- **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](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)](http://uresearch.unm.edu/index.html) 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.

- **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/95422186150](https://unm.zoom.us/j/95422186150))

No RSVP needed, but if you do, we will send you an email reminder so you don't forget
Manage Your Time - and the effects on stress and test anxiety.
When: Friday, March 5, 2021, 1 - 2:30 PM.
Partners/Presenters: SHAC – Ray Mitchell, LPCC
RSVP is preferred but not required

Do you know a high school student interested in STEM? Tell them about our summer camps!
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 #EachOfUsDefinesAllOfUs
https://www.youtube.com/watch?v=iuu24glWIAY&feature=youtu.be

OTHER ESS CENTER/SOE NEWS AND INFORMATION:

- Engineers Without Boarders – 1st Meeting of the Semester
  6 pm on February 11th: https://unm.zoom.us/j/96916915985
Nuclear Engineering Weekly Seminar: “Nuclear Archeology Applications for Nonproliferation Compliance Verification” - Dr Kim Burns, PNNL
Tuesday, February 9, 2021, 2:00-3:00pm. Zoom Meeting https://unm.zoom.us/j/96858073076, Passcode: UNM_NE501

Abstract:
This talk describes the value proposition for a “nuclear archaeological” technical capability and applications program, targeted at resolving uncertainties regarding weapons fissile materials production and use. Central to this proposition is the notion that one can never be sure that all fissile material is adequately secure without a clear idea of what “all” means, and that uncertainty in this matter carries risk. We argue that this proposition is as valid today, under emerging state and possible non-state nuclear threats, as it was in an immediate post-Cold-War context, and describe how nuclear archaeological methods can be used to verify fissile materials declarations, or estimate and characterize historical fissile materials production independent of declarations. Methods are presented for accurately estimating plutonium production from graphite reactors have been demonstrated and could be extended to other reactor types. We also describe proposed techniques for estimating HEU production which have shown promise and are under development.

Info Session: Masters Degree in Medical Physics
A collaboration between the School of Medicine and the Department of Nuclear Engineering. February 16 @ 4 PM. https://goto.unm.edu/medicalphysics

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

Make sure you are prepared by attending these prep workshops. To RSVP and get Zoom link: email onlinecareerservices@unm.edu:

Career Expo Preparation

Virtual Resume Days
Monday, Feb 8 and Tuesday, Feb 9, 2021
10am - 2pm
unm.zoom.us/j/92852442388
Wednesday, Feb 10, 2021
12-1pm

- ADDITIONAL CAMPUS RESOURCES
  - Student Organizations. There are more than 25 student organizations focused on Engineering and computing, some of which are field specific (https://ess.unm.edu/programs/current-students/student-organizations/index.html). And more than 400 student organizations on campus. So you can find many groups of people that have shared interests (https://sac.unm.edu/).
  - The Pack. https://thepack.unm.edu/ A student blog that looks at the lives of UNM students through their own experiences.
  - Office of Career Services. [career.unm.edu]career.unm.edu or 505-277-2531. Help with resumes, cover letters, interviewing, and much more. All for FREE. And, don’t forget that within ESS, Nada can help with resumes and cover letters, and Yadéeh with CVs.

  All your career needs-virtually!
  Call us at 505.277.2531
  Or email: onlinecareer services@umn.edu

  Career Services is here for you!

  ADDITIONAL CAMPUS RESOURCES
  
  - Graduate Resources Center. [umngrc.unm.edu]umngrc.unm.edu. The mission of the Graduate Resource Center (GRC) is to increase graduate student retention, reduce time to degree completion, and foster graduate student learning communities across the University of New Mexico through writing, statistics, and research support facilitated by peer consultations and workshops that help students develop strategies to be effective academics, researchers, and professionals.
  - Men of Color Initiative (MOCI). [menofcolor.unm.edu]menofcolor.unm.edu or 505-277-7000. a project of the Division for Equity and Inclusion that focuses on educational success and the well-being for men of color.
  - Women's Resource Center (WRC). [women.unm.edu]women.unm.edu or 505-277-3716. This center is similar to the approach of the Ethnic centers, with an aimed at encouraging women's self-determination, community engagement, advancement of women's rights, and equity. The WRC provides the resources and tools necessary to enhance success within academic and professional aspects of students' lives.

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

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

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

  While the WRC is working remotely...
  We encourage anyone that is seeking our services to contact us by phone at 505.277.3716 or e-mail at women@umn.edu

  Existing & Expanded Services Include:
  - Virtual confidential and anonymous, walk-in rooms and scheduled appointments.
  - Online advocacy and advocacy for others in partnership with CASA of New Mexico.
  - Digsitting social media campaigns and workshops on mental health.
  - Virtual counseling, workshops on stress management, gender identity, and leadership. In-person career
    and professional development workshops during these times.

  The Women's Resource Center is a project of the Division for Equity and Inclusion.

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  https://outlook.office365.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAP9csAv0BUJlk2%f5fsApcI%3D
  10/21
Veterans Resource Center (VRC). [vrc.unm.edu] Provides education, administrative services, and job advisement to our student veterans, their families, and active duty students, as well as outreach to military communities at large. And, just so you know, the ESS staff completed a training from the VRC to be Green Zone Certified.

One-Stop. [http://allaccess.unm.edu/ 277-8900. Where student go for assistance with financial aid, admissions, scholarships, records, and registration support

Bookstore. [http://bookstore.unm.edu/ 277-5451. Purchase or rent textbooks and materials for their learning needs. The bookstore also carries UNM swag, snacks, leisure and best selling books and more. And, the more of our events you attend, the greater the chance of winning a gift certificate to the UNM Bookstore! SOE Students ONLY.

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

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

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

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

Transportation.

City Bus. UNM has a partnership with the City of Albuquerque so that ALL UNM students can get a sticker on their ID card that allows them to ride the city bus for FREE (http://pats.unm.edu/alternative-transport/index.html & https://www.cabq.gov/transit)

UNM Shuttle. UNM also has their own internal shuttle system. It takes you from remote parking lots, but there is also a line that goes around campus.

Parking & Transportation Services (PATs). If you plan on having a car, you’ll need a parking permit and make sure you follow the parking rules so you don’t get a ticket. You can find all that information on the PATs website (http://pats.unm.edu). You can also track your bus or the city bus through the Where’s My Bus app.

Cafecitos Con El Centro, every first Wednesday of the month from 4-5:30pm! Visit [https://linktr.ee/elcentrounm] to register!

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

Money & Mental Health
Wed., Feb. 10, 2:00-3:00 PM
Stress & Anxiety Toolbox
Fri, February 12 from 11 AM – 12:30 PM

Queer & Trans Migrations: Dynamics of Illegalization, Detention & Deportation
Thursday, February 11 @ 2 pm. https://bit.ly/38XaAm4

Front of the House, Back of the House: Race & Inequality in the Lives of Restaurant Workers
Friday, February 12 @ 2pm. https://bit.ly/3bLdjkD
• AISS Valentine's Social
Join AISS on Friday, February 12th for a fun afternoon! Grab your favorite snacks, connect with old friends, meet new Lobos, unwind, and win some sweet prizes! Mark your calendars – http://ow.ly/6sZD50Dkhd6

• Black History Month with African American Student Services
AASS still has 2021 Black History Month boxes! Boxes include the 2021 Black History Month Shirt design and materials to follow along with this month's programming. Boxes can be picked up every Friday but you must register for your pick up date! If you missed your pick up date last Friday, email afro@unm.edu for a reschedule to pick up. Click HERE to register!

Week 2:
  o National Black HIV/AIDS Awareness Day (2/7-2/8)
    February 7 is National Black HIV/AIDS Awareness Day, a day to help stop HIV stigma and increase HIV prevention, testing, and treatment in Black communities. #NBHAAD #StopHIVTogether #HIV
    Add a safer sex kit to your Black History Month box when you sign up and check out our social media all day for tips, resources, and facts about NBHAAD social media: @unmafro
  o African American Greater Albuquerque Chamber of Commerce (2/9)
    The African American Greater Albuquerque Chamber of Commerce exists to develop and empower Black economic opportunities in the greater Albuquerque region. Join them during their 5:05 networking mixer
    Zoom Meeting ID: 868 6527 5990, passcode: AAGACC
    also available on Facebook Live at African American Greater Albuquerque Chamber of Commerce
  o Verzuz Afro Staff Edition: Patricia vs J
    Watch our Sr. Student Success Specialists (Patricia and J) battle it out for who has the best playlist. Students will be the judges and winner gets bragging rights for the next year!
    Zoom Meeting ID: 438 077 4223

For more information about each of these programs, please visit African American Student Services Events page or click HERE.
Grad Student Burnout Workshop
Exclusively for graduate students!
Friday, February 26, 12 – 1:30 PM. https://unm.zoom.us/s/95560713520

Save the Date: UNM Team Research Symposium -- April 2021

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](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](https://ess.unm.edu/programs/current-students/jobs-and-internships/index.html). 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 nabdelha@unm.edu, 505-277-1403.

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

  - **Sandia National Laboratories: Intern - Primary Standards Laboratory - R&D Undergraduate Year-Round**

    Part-time, Temporary. Learn more or apply [HERE](https://autonomy.unm.edu).

  - **ROTC internship program looking for participants**

    Learn more [HERE](https://autonomy.unm.edu).

  - **FAA 2021 Call for Summer Interns**

    The agency is happy to open the summer session for our Minority Serving Institution (MSI) Internship Program and the DOT Secretarial Internship Program (SIP) for this year. If you know any interns that would like to participate, and qualify to apply, please help us promote these intern programs throughout your communities:

    MSI interns gain professional knowledge and practical experience that allows them to make informed career choices. Students who participate in the MSI intern program are at the sophomore (must have completed 42 credit hours), junior, senior or graduate level; enrolled in a United States accredited college or university; and possess a minimum cumulative grade point average of 3.0 on a 4.0 grading scale. This is a ten-week program (June-August) and is 100% virtual. Students may visit [the website](https://autonomy.unm.edu) to apply for the MSI Program.
The Department of Transportation (DOT) is also sponsoring the SIP. As an intern in the SIP, participants will gain a full spectrum of professional experiences to leverage in their growing careers. Interns may work either part or full-time in varying capacities within the Department. A DOT board will select local students (within the Washington, D.C., area) from a competitive job announcement to serve as interns in various parts of the Department. Students will work from June-September, 2021.

How to Apply

DOT is looking for independent, energetic, self-sufficient, and highly motivated students who are excited to gain government experience and learn about Department of Transportation Programs. To apply, please visit the following links:

- Step 1: [https://dot.usajobs.gov/](https://dot.usajobs.gov/) - Review current DOT Pathways opportunities by typing “Student Trainee” or “Pathways” or “Internship” in the search tab.
- Step 2: [https://www.usajobs.gov/](https://www.usajobs.gov/) - Create an account on USAJOBS and sign up to receive information about vacancies meeting your interests.
- Step 3: Find the announcement to which you wish to apply, and select the ‘Apply On-Line’ button.

Once an announcement is posted on [www.usajobs.gov](http://www.usajobs.gov), complete applications (to include all required documents) must be submitted electronically.

If you have any questions, please contact Araceli Gonzales.

- UNM McNair/ROP is hiring! Apply today. Learn more at [mcnair.unm.edu](http://mcnair.unm.edu).

**COMMUNITY EVENTS/OPPORTUNITIES**

- **Burns & McDonnell PES Scholars Power Panel**
  The event will be on Tuesday, February 9th at 6:00pm CST. During this Power Panel, students will hear from Burns & Mac professionals pursing a variety of careers within the power industry

  The panelists will provide insight on their career path, obstacles they have faced, what they wish they knew, and where they see the power industry going. Anyone pursuing a career in power will benefit from hearing this discussion! You will have the opportunity to ask questions to the panel, as well as join breakout rooms to interact with former PES Scholars currently working at Burns & Mac. Whether you have already started your career, are looking for your first internship, or are somewhere in between, this event is for you!

  **Event Details**
  Date: Tuesday, February 9th, Time: 6:00pm – 7:30pm CST
  Platform: Virtual – Microsoft Teams (Join here!), Register: While registration is not required for this event, we would love to know if you are planning to attend. (Register here!)

  If you have any questions, please reach out to Rachel Radmacher at rradmacher@burnsmcd.com.

- **STUN Networking Social**
  The UNM and New Mexico Tech chapters of the Society of Women Engineers (SWE) and the Tau Beta Pi Engineering Honor Society invite you to attend our Professional Networking Event from 1 to 3:30 pm on Saturday, February 20th!
This event will put UNM and NMT engineering students together with local professionals to network and attend professional development panels and presentations. It will serve as a development opportunity for students and as a way for professionals to give back, although you could also potentially find an intern or new hire through it!

For professionals, tickets are $15, with the proceeds split evenly among the four student organizations. You may register and purchase your ticket [here](https://outlook.office365.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAP83sAve0BUJlk2f5fsApcI3D) where you can also see the program and details for the event. Registration is due by Friday, February 19th, at 1 pm MST. You can also use this site to donate to any of the four participating chapters if you like, even if you cannot attend the event!

**PREVIOUS ANNOUNCEMENTS**

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

**STEM 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](https://echo.unm.edu) and registration: [https://ctsctrials.health.unm.edu/redcap/surveys/?s=8YWEJ9FDFEA](https://ctsctrials.health.unm.edu/redcap/surveys/?s=8YWEJ9FDFEA)

- **The GRC is offering Online Workshops Across Disciplines**

  Developing a Research Topic

  February 17 @ 12 PM via [https://unmgrc.unm.edu/workshops/current-workshops.php](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) 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) 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) 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

Application Deadlines:
- Rhodes Scholarship: February 17, 2021
- Marshall Scholarship: February 17, 2021
- Mitchell Scholarship: February 17, 2021

Job/Research Opportunities/Scholarships

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

- 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).

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

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https://outlook.office365.com/mailbox/id/AAQkJADJycj0NTFlTLY0MEiNGO5N1h2ZmFmTY0Q2Q2gwZjciMAwAQAPcSAwBUJkJk%2F55naApd%3D

18/21
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 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 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. Awarded amount 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.
  - 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! 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.

Inspirational Girls: If you are interested in applying to UNM McNair & ROP, please start your application before we arrive at the grant award deadline! GRADUATE STUDENTS: Please check out this internal funding opportunity for self-supported grad students (MS or PhD).

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 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]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.

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).

Grants-in-Aid of Research (GIAR) Program
Website: https://www.sigmaxi.org/programs/grants-in-aid Deadline: March 15 (Spring) & October 1 (Fall)
Funder: Sigma Xi, The Scientific Research Honor Society
Amount: Up to $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
New Mexico Space Grant Consortium just opened the application period for scholarships and fellowships for the Fall 2021 and Spring 2022 semesters. The application period will be 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.

Priority deadline is April 12, 2021. http://mcnair.unm.edu. Check out this short video (2min) to learn more about UNM McNair & ROP: https://vimeo.com/420732092. 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!

NM SMART Grid Center Externships
MS and PhD students supported by NM EPSCoR Spring 2021 Best Consideration Deadline: February 10. Summer 2021 Best Consideration Deadline: April 16. More information HERE.
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.

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
- Want to learn about how to better be an active bystander? Email ntokunow@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 or email them at women@unm.edu!

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, ANONYMOSLY and ONLINE. You can access the chat at https://affiliate.rainn.org/helproom/casafortaleza

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.

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
COMMUNITY EVENTS/OPPORTUNITIES

- 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-min time 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 large-scale control and optimization problems. Zoom Registration Link

We hope to see you around.

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

Retention Program Specialist
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Stay informed through our app: succESS

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Tutoring | Scholarships | Mentoring | Undergraduate Research | EPICS | Internships and Co-Op's | Engineering Ambassador | Academic Success Workshops & Special Events for Engineering and Computer Science Students

ESS social media @UNMNESSCenter

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]