[UNM_STEM-L] February 15: Weekly ESS Center Announcements

STEM at UNM <UNM_STEM-L@LIST.UNM.EDU>
on behalf of
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Tue 2/16/2021 11:39 AM
To: UNM_STEM-L@LIST.UNM.EDU <UNM_STEM-L@LIST.UNM.EDU>

Weekly ESS Center Announcements
Week of February 15, 2021

Please share as you feel appropriate.

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 book scholarship. GAIN experience. BUILD your skill set. ENHANCE your resume.*

- **Upcoming** Engineering Student Success Center Events and opportunities
  - **This Week**
    - Study Skills (Feb 18)
    - History & Careers within Engineering & Computing (Feb 19 – 26)
  - **New Announcements** (none at this time)
  - **Next Week**
    - Lab Safety Matters! Part 3 (Feb 23)
    - ACED Tech Skills Sessions (Feb 27, Mar 27, Apr 24)
    - Present your research at UROC (Deadline Feb 28)
  - **Coming Up**
    - Let’s Chat (Mar 4)
    - Manage Your Time (Mar 5)
    - Good vs Bad Presentations (Mar 11)
  - **Reminders**
    - Together We Stand
    - UNM’s Office on Violence Against Women Grant Asks, What Does it Mean to be an Engaged Man on Campus?
    - ESS SPICS 2021 Tutor Schedule
    - Join EPICS for the Fall 2021 Semester
    - STEM Summer Camps for High Schoolers (Deadline Apr 15)

- **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"  
[UNM.unm.edu][success.unm.edu]  
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.

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:

- **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).
  
  **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)

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**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

Thursday, February 18, 2021

2 - 4 PM

Via Zoom ([https://unm.zoom.us/j/96222033907](https://unm.zoom.us/j/96222033907))

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- **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](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)
NEW ANNOUNCEMENTS:

None at this time.

NEXT WEEK:

- **Lab safety matters!** - Join us for a 3 part series that will prepare you for lab work, or make you a more valuable lab mate.
  - **Attend, one, two, or all three**.
  - **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
    - 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)

- 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...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

You have the **technical** skills, but do you have ALL the skills you need to **succeed** in your career?

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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. [https://forms.unm.edu/forms/2021uroc_submission](https://forms.unm.edu/forms/2021uroc_submission)

- **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)](https://forms.unm.edu/forms/2021uroc_submission) 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.
COMING UP:

- **Gear Up & Let's Chat** - Come and chat, ask questions, or just say hi. We are here for you.
  *Where:* Via Zoom ([https://unm.zoom.us/j/95422186151](https://unm.zoom.us/j/95422186151))
  *When:* Wednesday, February 3, 2021. 9:30 - 10:30 PM - for you night owls.
  *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](http://success.unm.edu))

- **Manage Your Time** - and the effects on stress and test anxiety.
  *Where:* via Zoom ([https://unm.zoom.us/j/93031674242](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](http://success.unm.edu))
Good vs Bad Poster & Oral Presentations
When: Thursday, March 11, 2021, 3 - 5 PM.
Where: via Zoom (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)
• UNM’s Office on Violence Against Women Grant Asks, What Does it Mean to be an Engaged Man on Campus?

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=iu24pWIAY&feature=youtu.be

• 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.
  o See the Spring 2021 schedule on our tutoring page: https://ess.unm.edu/services/tutoring
  o And, you can meet our tutors here: https://ess.unm.edu/services/tutoring/meet-our-tutors.html

• 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
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](https://ess.unm.edu/programs/k-12-opportunities/ess-summer-programs/index.html)

- 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](https://goto.unm.edu/medicalphysics)

Many medical physicists are responsible for the diagnosis and treatment of patients. Activities include consultations with physician colleagues, planning of radiation treatments for cancer patients, and the accurate measurement of the radiation output from radiation sources employed in cancer therapy. The medical physicist contributes clinical and scientific advice.
and resources to solve the numerous and diverse physical problems that arise continually in many specialized medical areas.

Quick Takes from the Dean - Week of February 15, 2021
- NSF-funded sensor project will promote resilience in Native American communities
- ACED@UNM partnership seeks to better prepare students for the workforce
- Online informational session on medical physics master’s program February 16

NM NE Weekly Seminar - “Addressing Challenges in Advanced Reactor Analysis via Data Analytics and Machine Learning” - Dr. Zeyun Wu, VCU
Tuesday, Feb 16 2021 @ 2pm MST. https://unm.zoom.us/j/96858073076. Passcode: UNM_NE501
Abstract: Design and analysis of the new generation of advanced reactors poses many new and unique challenges stemming from more stringent operation and safety requirements. Reactor physics, the area in nuclear engineering that deals with the neutronics aspects of a nuclear reactor and its associated components, will certainly play a vital role - its main task is to predict a detailed yet macroscopic-level neutron behavior in a reactor core at various conditions. Currently, this task can be accomplished via state-of-the-art numerical modeling and simulation techniques which rely heavily on advanced computational hardware and computational methodologies. Though great strides have been made developing computational tools for modeling realistic reactor physics problems, the current methodologies will most likely lack the higher efficiency and fidelity requirements needed to address the new design and operational challenges. Future reactor designs will thus require new simulation paradigms. The purpose of this talk is to provide an overview of the challenges faced by reactor physics simulations and describe innovative solutions based on advanced data analytics and machine learning-based approaches.

NEW non-ESS ANNOUNCEMENTS

Other opportunities and news for STEM students:

UNM Events/News
- Be Kind Week at UNM
UNM will be holding virtual events to encourage and inspire acts of kindness, from online games of BINGO to donations to our Lobo Food Pantry. Take some time to reach out and let someone know how much you appreciate them—and be kind to yourself, too. You deserve it.

- Advancing Womxn in Science (AWS)
  1) AWS’s youtube channel is alive and well!
Click HERE to see the recording of their November Homegrown Scientist talk with Andrea and Lauren and click HERE to see the recording from their February talk with Aislinn and Abby.

  2) Their next Homegrown Scientist talk is on March 3, 3:30pm with Gabrielle and Alyshia
Every single one of these talks has been awesome - inspiring, empowering, and insightful…. each one just gets me more excited for the next. Be sure to mark March 3 on your calendar! Ad attached, details and zoom link to come.
3) The Office on Violence Against Women (UNM Campus Grant) is looking for students to serve on their student advisory board. Please let them know if you're interested (safox@unm.edu)

The Office on Violence Against Women (OVW) Campus Grant is in its third year and has built up several valuable trainings, programs, and campaigns for UNM and the community on sexual violence prevention and intervention. The backbone of the OVW Campus Grant is the Campus Program's Coordinated Community Response Team (CCRT), which is subdivided into several working groups: Prevention Education, Student Conduct, Victim Services (SMART), North Campus (HSC/Law), and Engaging Men and Masculine People. You can find more information at: https://ccrt.unm.edu/

The Student Advisory Board is an independent body of student leaders from across campus disciplines, cultural communities, abilities, and socio-economic backgrounds who give formal feedback to the CCRT. Student perspectives are vital to the grant for all major proposed new programs, advertising campaigns, and various materials. The Advisory Board meets formally once or twice a semester and can provide informal and/or written feedback throughout the semester.

- **SHAC Workshop:**
  - RSVP 48 hours before each workshop to studentcounseling@unm.edu
    - Cognitive Behavioral Therapy & Therapy Assistance Online (TAO)
      - Tues, March 23 from 12 – 1 PM

- **Black History Month with African American Student Services**
  For more information about each of these programs, please visit African American Student Services Events page or click HERE.

  Week 3: Hey Siri, play R.A.W. Tuba
  - Black & Queer in Academia. Tues, Feb 16th 5pm
    - The LGBTQ resource center is hosting a roundtable panel highlighting the experiences of Black Queer students, staff, faculty, and Administrative staff in academia. Our own Senior Student Success Specialist, J. Gourdin will be...
speaking. Show your support at 5pm this Tuesday.
Zoom ID: https://unm.zoom.us/j/49360774223
  
- R.A.W. Tuba feat Dr. Richard A. White. Thurs, Feb 18th 4pm
  Did you know Dr. White, a tenured faculty member in the UNM Music Department is the FIRST African American to receive a doctorate in music for Tuba Performance? Join us as we stream R.A.W. Tuba, a documentary on Dr. Richard Antoine White (R.A.W.) and his story of being a Baltimore child who experienced intermittent homelessness but went on to become a world-class symphony musician and professor. Dr. White will join us for the program and speak with participants about his story and perseverance.
Zoom ID: https://unm.zoom.us/j/49360774223
  If you would like to stream the documentary before or after the event, please click HERE for the link.

- Creative Spaces. Friday, Feb 19 3pm
  Take a virtual tour with Hakim Bellamy, Deputy Director of the Cultural Services Department of the City of Albuquerque, as he shows us a brief sampling of important paintings, sculptures, photographs, videos, and installations of compelling art from three generations of African-American artists.
Hosted by UNM Health Register for Zoom Link HERE

- El Centro Spring 2021 La Cultura Cura Series
  Wednesdays via Zoom ID 960 1072 6406

- Efficiently & Effectively Search the Library Databases
  February 24, 2021 @ 12 PM
  umgrc.unm.edu/workshops/current-workshops.php

- Grad Breaks with GPSA & GRC
  Tuesdays, 1 – 2 PM; Zoom ID 937 3035 3579
**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)

- The Center for Multiscale & Translational Mechanobiology Academic Conference Grant Program
  The [Center for Multiscale & Translational Mechanobiology](https://ess.unm.edu/programs/current-students/for-graduate-students.html) at Boston University has an exciting new opportunity for undergraduate students in STEM to apply for scholarship grants to attend several upcoming virtual academic conferences, the first of which is the Biophysical Society Annual Meeting. Future scholarships will also be available for additional STEM conferences, including SB3C, OARSI, VASCULATA, and more.

We would greatly appreciate it if you could forward this opportunity on to your current REU students, and encourage them to apply for the chance to receive free conference registration. Underrepresented, disadvantaged, and first-generation college students with limited research experience are especially encouraged to apply. In addition to conference registration, winners will have the opportunity to network with current BU faculty and graduate students to learn more about our research, particularly in the field of mechanobiology. Please see the attached flyer for additional information and distribution to your students.

**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://goto.unm.edu/internships). Students are required to participate 12 weeks, 15 hours per week and will receive a stipend. Questions about the SPSP Internship Program? Contact Nada Abdelhack at nabdelha@unm.edu, 505-277-1403.

- Specifically, we are urgently seeking EE & CS Juniors, Seniors, and graduate students to be interns NOW for local companies. Apply [HERE](https://ess.unm.edu/programs/current-students/jobs-and-internships/index.html).

- **National Energy and Technology Laboratory (NETL)**
  The deadline for these summer opportunities is February 26, 2021
  Consortium of Hybrid Resilient Energy Systems (CHRES) | [netl.doe.gov](http://netl.doe.gov)

  These are unique opportunities for UNM School of Engineering students and faculty members at the National Energy and Technology Laboratory that is a partner with the UNM School of Engineering in our new Consortium of Hybrid Resilient Energy Systems (CHRES).
If you have any questions, please contact Elsa Castillo (elsac@unm.edu; 505-277-5064 Direct, 505-277-4354 ESS Main Number, 505-280-1833 Mobile)

- **REU@UoSC: Engineering Medical Advances**
The Biomedical Engineering Program at the University of South Carolina will be hosting an NSF-funded REU this summer: [http://www.nsfreu.org/](http://www.nsfreu.org/)

**Application deadline: March 20, 2021**

- **Accepting Applications for MARC-Undergraduate Research Intensive Program**
The best consideration date is 2/28 and as of right now they have not received many applicants.

MARC is looking for applicants that will be entering their Junior year after this semester and have two years remaining until completing their degree. They are currently looking for students who are interested in pursuing a career in biomedical research. This is a 2-year program that supports the scholar through a monthly stipend, funds to attend and present at scientific conferences, help you with the PhD application process, tuition assistance, summer away conducting research outside of New Mexico and many additional ways of encouraging your eventual research path. Please visit their website at [http://www.marcatunm.org/](http://www.marcatunm.org/) for additional information.

Please feel free to email us at marc@unm.edu with any questions you may have.

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**Community Events/Opportunities**

**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.

- **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=8YWEjIPFDQ

- **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

- **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

- **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://unm.zoom.us/j/95560713520) 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!

- **Grad Student Burnout Workshop**
  Exclusively for graduate students!
  Friday, February 26, 12 – 1:30 PM. [https://unm.zoom.us/j/95560713520](https://unm.zoom.us/j/95560713520)
- **Save the Date: UNM Team Research Symposium – April 2021**
  Virtually April 20 – 22, 2021. Registration opens March 1. Visit [https://isco-op.unm.edu/teams](https://isco-op.unm.edu/teams) to learn more.

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**JOB/RESEARCH OPPORTUNITIES/SCHOLARSHIPS**

- **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 start to register before 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
  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](https://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](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**
  [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 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.

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

• 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, ANONYMOUSLY 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.

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

https://outlook.office365.com/mail/home/id/4AQA4DjYcJGmNTmLY0MWE1GQSINC11z2FmlTY0NPjQ22gwZjpcMwQAEVRvjuMs0WdumBSE%3D
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 of large-scale control and optimization problems. Zoom Registration Link

We hope to see you around.

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

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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)