Weekly (Aug 31) ESS Center Announcements

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Tue 8/31/2021 12:15 PM
To: Yadeeh Sawyer - she.her.ella <yadeeh@unm.edu>

Weekly ESS Center Announcements
Week of August 31, 2021

Please share as you feel appropriate.
These weekly announcements are sent out on Tuesdays. If you would like us to include your information, please send it to yadeeh@unm.edu by Friday at 5 PM.

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

SUMMARY

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

- Upcoming Engineering Student Success Center Events and opportunities
  - This Week
    - Lab Safety Matters series (3 part series; every other Tuesday)
    - Intel Information Session (9/1)
    - Building Connection & Networking (Sept 2)
    - Join our Semester Long Programs (deadline: Sept 5)
      - STEM Mentoring & Peer-mentoring Programs
      - Internships
      - Student Research Experience Program
  - New Announcements
    - ESS Fall 2021 tutors are now available!
    - New Student Showcase
    - Honeywell Info Session series (Sept 7-9)
    - Library Hacks 101 (Sept 23)
  - Next Week
    - Interviewing Basics (Sept 7)
    - Engineering & Science Virtual Career Fair (Sept 8)
STEM Mixer (Sept 10)
Open House (Weekends this fall)

Coming Up
- Spatial Visualization Series (9/20, 10/25, 11/16)

Reminders
- Read all about Mari Aoki (athlete) our newest showcased student
- ESS Resource Page
- Together We Stand

Other ESS Center/SOE News and Info

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

Stay informed via our app!:
“engineering your succESS”
[SUCCESS.UNM.EDU]SUCCESS.UNM.EDU

Download instructions:
https://success.unm.edu/about/howToInstall

Please share as you feel appropriate.

Follow us on Social Media

We have additional resources for Future Students HERE.

ENGINEERING STUDENT SUCCESS CENTER EVENTS:
All students are welcome to attend.
More information can be found at https://ess.unm.edu/events or through our app (succESS)

THIS WEEK:

https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjYmLTY0MjQ2ZjQxMwAQAPNscZx1TUMBtwp0n0ed%2FiY… 2/30
• **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 3:30 - 4:30 pm.
  **Where:** Virtual via Zoom ([https://unm.zoom.us/j/94545196176](https://unm.zoom.us/j/94545196176))
  **Topics** (Attend all 3 and earn a Lab Safety Certificate from UNM's Environmental Health & Safety Department):
  - **8/31** or **10/12**: Part 1 - Hazard Communication in the Laboratory & Hazardous Waste Management
  - **9/14** or **10/26**: Part 2 - Hierarchy of Hazard Control & PPE
  - **9/28** or **11/9**: Part 3 - Hazard Evaluation and Heuristics

  **Partners/Presenters:** Environmental Health & Safety

**RSVP** is preferred but not required via [ess.unm.edu/events](https://ess.unm.edu/events)…or our app ([success.unm.edu](https://success.unm.edu))

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• **Intel Information Session**

  Come and visit with Intel Engineers and UNM Alumni to learn more about Intel NM and career opportunities. Bring your questions, resume, and a little extra time to chat with Intel recruiters.

  **When:** Wednesday, September 1, 2021. 10 AM - 4 PM.
  **Where:** UNM Centennial Engineering Center, 1st floor.

  **RSVP** is preferred but not required via [ess.unm.edu/events](https://ess.unm.edu/events)…or our app ([success.unm.edu](https://success.unm.edu))
• **Building Connection & Networking**

**When:** Thursday, September 2, 2021. 5 - 6 PM.

**Where:** Synchronous In-Person *(highly encouraged)*; in the ESS suit (CEC 2080) and Virtual via Zoom *(https://unm.zoom.us/j/91793510710)*

**Partners/Presenters:** Jasmine Del Campo with **Sandia National Labs**

Jasmine Del Campo an Organizational Development Professional with Sandia National Laboratories. Jasmine has 15 years of leadership experience supporting current and future leaders of Fortune 500 companies to understand the importance of leading through effective communication. Jasmine specializes in bringing people together to increase team efficiencies and collaboration. Jasmine believes that it is possible to work hard and enjoy work when you find your purpose and help others. Jasmine is inspired by her family and in her free time she enjoys watching funny videos with her daughter.

**More info:** Have you ever wanted to learn specific strategies on how to communicate with others virtually and in-person to predict your success in the workplace? Your effectiveness as a professional highly depends on the professional relationships you develop with other people in the workplace. Through the Building Connection & Networking Session you will discover what others value to develop strong business partnerships inside and outside your organization. During this event you will receive tips on how to communicate with others including in the new virtual environment. Learn how to receive and provide advice to business partners for ongoing learning and development.

**RSVP** is preferred but not required via [ess.unm.edu/events](https://ess.unm.edu/events)...or our app ([success.unm.edu](https://success.unm.edu))
Join our Semester Long Programs!

*Deadline:* September 5.

You MUST attend an orientation session prior to the deadline date. Dates/times of the sessions are listed in the interest form for each program. Priority is given to Freshmen and Sophomores, but all School of Engineering (or potential SoE) students are encouraged to join. No GPA or citizenship requirements, either!

- **Mentoring** ([https://ess.unm.edu/programs/current-students/mentoring-programs/index.html](https://ess.unm.edu/programs/current-students/mentoring-programs/index.html)):
  - Be a mentor
  - Get a STEM Professional as a mentor
- **Gain research experience** ([https://ess.unm.edu/programs/current-students/research-programs/index.html](https://ess.unm.edu/programs/current-students/research-programs/index.html))
New Announcements:

- Fall 2021 ESS tutor schedule and services are now available.
  Get help in your core STEM courses, engineering & computing specific classes, software, and coding languages.
Where: ESS suite (CEC 2080) & online via the Penji App (with Zoom)
More info: Tutoring schedule & more info at ess.unm.edu/services/tutoring/
or through our app - succESS
• Read all about Christopher Dankocsik (Metal Casting), our newest showcased student [https://ess.unm.edu/resources/showcases/index.html](https://ess.unm.edu/resources/showcases/index.html)

There is more to our students than just their technical interests. And, the more outside interests and experiences one has, including the arts and creative thinking, the better! Engineering and computing makes one's other interests stronger, and those other interests enhance one's engineering and computer science knowledge and ability.
**Honeywell Information Sessions**

**When:** Tuesday, September 7 - Thursday, September 9, 2021.

**Where:** UNM Centennial Engineering Center, 1st floor and Virtual (see below).

**More info:**

- **Tues. Sept 7.**
  - 10 AM - 2 PM: Meet & Greet Tabling. Centennial Engineering Center 1st floor hallway.

- **Wed. Sept 8.**
  - 11 AM - 2 PM: Engineering & Science Career Fair. Virtual.
  - 5 - 6 PM: Reception & Networking with Students. Centennial Engineering Center STAMM Room (1044)

- **Thurs. Sept 9.**

Register via [UNM Handshake](https://ess.unm.edu/resources/student-showcases.html).
Library Hacks 101 - Meet your engineering librarian and learn tips on how to use library services, collections, and spaces to make your life as a student easier. Bring your questions! We'll help you get the most out of the library and troubleshoot any snags you have encountered so far.

When: Thursday, September 23, 2021, 4 - 5 PM.
Where: Synchronous In-Person (encouraged but space is limited; in the ESS suite (CEC 2080)) and Virtual via Zoom (https://unm.zoom.us/j/91793510710)
Partners/Presenters: The Engineering Librarian - Holly Surbaugh

RSVP is preferred but not required via ess.unm.edu/events…or our app (success.unm.edu)
NEXT WEEK:

- **Interviewing Basics**
  **When:** Tuesday, September 7, 2021. 4 - 5 PM.
  **Where:** Synchronous In-Person (*highly encouraged*; in the ESS suit (CEC 2080)) and Virtual via Zoom ([https://unm.zoom.us/j/91793510710](https://unm.zoom.us/j/91793510710))
  **Partners/Presenters:** ESS's very own - Nada Abdelhack

**RSVP** is preferred but not required via [ess.unm.edu/events](http://ess.unm.edu/events)...or our app ([success.unm.edu](http://success.unm.edu))
• Engineering & Science Job & Internship Fair  
  **When:** Wednesday, September 8, 2021. Time 11 AM - 2 PM.  
  **Where:** Virtual. Register via UNM Handshake Platform  
  **Partners/Presenters:** Career Services  
  **RSVP via** [Handshake](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPNscZx1TUMBlwp0n0ed%2Fi)  

Also, prepare for the Fair!  
  Sept 1 - [Resume Writing](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPNscZx1TUMBlwp0n0ed%2Fi) 12 – 1 PM  
  Sept 7 - [Tips for Virtual Fair Success](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPNscZx1TUMBlwp0n0ed%2Fi) 12 – 1 PM  
  Sept 2 & Sept 7 – Resume Days (Option 1: 11 – 2 PM in-person walk-ins @ Career Services; Option 2: email your resume for feedback to [onlinecareerservices@unm.edu](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQAPNscZx1TUMBlwp0n0ed%2Fi))
**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, September 10, 2021. 3:30 - 5:30 pm.

**Where**: Centennial Engineering Center - STAMM Room (1044) & the adjacent courtyard

**More info**: Have **THESE** Ice Breaker questions ready to help get the conversation flowing.

**How to Go From Small talk to Meaningful Conversation**...in a comfortable and natural way. Follow your curiosity. Think of dialog as exponential, break past the barrier of “boxes” within 3 layers deep. Don’t bounce from topic to topic, but dive deeper within a single topic. The topic of conversation does not matter, it should be focused on the process of the conversation. And, listen (intentionally)! Not just to words, but actions. Reflect on what others share. And, with this, it is ok to stretch outside your comfort zone.

**RSVP** is preferred but not required via [ess.unm.edu/events](ess.unm.edu/events)…or our app ([success.unm.edu](success.unm.edu))
School of Engineering Open House

When: Saturday's this fall from 11 AM - 2 PM.
Where: Centennial Engineering Center (210 University Blvd. NE, Albuquerque; Bldg 112)

Departmental Showcases:

- 9/11: Mechanical Engineering
- 9/18: Computer Science
- 10/2: Nuclear Engineering
- 10/9: Electrical & Computer Engineering
- 10/16: Civil, Construction & Environmental Engineering
- 10/30: Chemical & Biological Engineering

More info: Lab tours, campus tours, giveaways, and information sessions.
Pre-Registration REQUIRED. Limited Capacity. Register HERE (goto.unm.edu/openhouse21).
For questions, contact Toby Tafoya at (505) 277-1417 or tobyago@unm.edu.
**COMING UP:**

- **Spatial Visualization Session #1 - Orthographic Views** - Here students learn how to create two-dimensional representations of three-dimensional objects by utilizing orthographic projection techniques. In a four-station workshop structure, students rotate through different group-oriented activities that call on various learning styles to solidify the concept.
  
  **When:** Monday, September 20, 2021, 4 - 6 PM.
  **Where:** The ESS Computer Pod in the ESS suite (CEC 2080)
  **More info:** Attend, 1, 2 or all 3 of this 3 session series
  - **Session #1:** Orthographic Views - September 20
  - **Session #2:** Isometric Drawing - October 25
  - **Session #3:** One-Axis Rotations - November 16
  
  Priority is given to 1st semester female, Black, or Native American students. Other students are encouraged to RSVP for the waitlist.
RSVP is **REQUIRED** via [ess.unm.edu/events](https://ess.unm.edu/events)... or our app ([success.unm.edu](https://success.unm.edu))

**Spatial Visualization**

**Attend 1, 2 or all 3**

1. **Sept 20:** Orthographic Views  
2. **Oct 25:** Isometric Drawing  
3. **Nov 16:** One-Axis Rotations

**4 - 6 PM**  
ESS Computer Pod  
(CEC 2080)

Learn more or RSVP  
(Required) at  
OR through our app - succESS

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**Reminders:**

- Check out our ESS Resource pages!  
  [https://ess.unm.edu/resources/index.html](https://ess.unm.edu/resources/index.html)  
  These include everything from academic support and career development, to behavioral health and getting into research and goal setting.

**Other ESS Center/SOLE news and information:**

- **First IEEE Meeting**  
  Sept. 1st, Wednesday @ 12 PM - (Virtual and In-Person)  
  Teams Link: [https://teams.microsoft.com/l/meetup-join](https://teams.microsoft.com/l/meetup-join)  
  The in-person events will take place in the IEEE lounge in the ECE building first floor.

  **Contact us with any questions:**  
  **Email:** [unm.ieee@gmail.com](mailto:unm.ieee@gmail.com)

  **Links for Instagram and Discord are below!**  
  [https://www.instagram.com/ieeeunm/](https://www.instagram.com/ieeeunm/)  
  [https://discord.gg/y6dbNJqYMP](https://discord.gg/y6dbNJqYMP)
• **Be part of a Sustain abilities Project**
  Reach out to Christopher at cdankocsik@unm.edu or 505-206-1245

![Rio Rancho/Albuquerque Sustainability Project](image)

- **Quick Takes from the Dean - Week of August 30, 2021**
  - UNM leading a $15 million NSF project to build community resilience in the West
  - UNM part of $15 million National Science Foundation I-Corps Hub for economic development
  - Godwin selected as UNM Inclusive Excellence Scholar
  - Construction management bachelor’s program now accredited by ABET

**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)

- **Paliwal Club of 100** (Female students)
  - *Details*: To support high potential young women in S.T.E.A.M. who show financial need.
  - *Amount*: $750 - $1,500
  - *Deadline*: October 15. [More info](https://ess.unm.edu/programs/current-students/for-graduate-students.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: esscareers@unm.edu. Phone: 505-277-1403.

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https://outlook.office.com/mail/inbox/id/AAQkADJilYc0NTFmLTY0MWEiNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQAPNscZx1TUMBjwp0n0ed%2Fi...
Please visit ESS Internships and Jobs for a full list – some are available to all, regardless of citizenship status

This includes our SPSP Internship Program. Are you a Junior, Senior, or Graduate student in an Engineering or Computing field? Learn more at [goto.unm.edu/internships]goto.unm.edu/internships_Students are required to participate 12 weeks, 15 hours per week and will receive a stipend. Questions about the SPSP Internship Program? Contact Nada Abdelhack at esscareers@unm.edu, 505-277-1403

Management Sciences, Inc. - Electrical Engineering Technician
Resumes and cover letters can be sent directly to Kenny Blemel at kenny_blemel@mgtsciences.com
Seeking a full-time electrical technical to join our team in Albuquerque NM to assist in the support of product development and manufacturing.

Requirements:
- US Citizens, permanent resident aliens, and DACA residing in the United States may apply
- Mechanical or Electrical Technician certificate

Experience:
- Experience in college, aerospace company or incubator
- Mechanical or Electrical Technician certificate
- Experience in troubleshooting of electronic circuits
- Soldering, electrical harness assembly
- Prepares interfaces and assemblies
- Proficient in Excel, MS Project and MRP tools
- Good English skills for verbalization and report writing

Performance Expectations (Results we Expect):
- Working with R&D team to create producible devices
- Quality electronic assemblies (wire bonds, solder, etc.)
- Use of developer kits (microcontrollers, etc.)
- Cost estimating using PC tools
- Selection and purchasing of parts

https://outlook.office.com/mail/inbox/id/AAQkADJjYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgxMwAQAPNscZx1TUMB1wp0n0ed%2F
Experience in simulation using Matlab, Spice, circuit layout, and FPGA programming tools

**Accomplishments (Success Patterns):**
- Problem solving
- Good managerial skills

**Personal Characteristics (Traits we would like this person to have):**
- Strong team skills
- Responsible
- Attention to details
- People skills
- Good communication skills

*Management Sciences conducts a pre-employment background review that includes checks of personal references, credit, law enforcement records, and employment/education verifications. Management Sciences is a federal contractor and participates in E-Verify for employment eligibility verification. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, age, disability, or veteran status and any other protected class under state or federal law. U.S. citizens, DACA or permanent resident aliens residing in the United States may apply.

- **GEM Fellowships** (UNM & NMSU - MS & PhD Minorities)
  *Goal:* Increase the number of underrepresented minorities in science & engineering programs. Both fellowships cover full tuition and fees.
  *Amount:* PhD - at least $16k living stipend per year  
  MS - at least $16k stipend over entire MS program
  *Deadline:* October 1. [More info.]

- **NSF Graduate Research Fellowship (Undergrad Seniors, MS & PhD students)**
  *Goal:* To provide three years of support for the graduate education of individuals who have demonstrated their potential for significant research achievements in STEM or STEM education. Women, members of underrepresented minority groups, persons with disabilities, veterans, and undergraduate seniors are strongly encouraged to apply.
  *Amount:* 34k stipend and 12k education allowance each year for 3 years. [More info.]
  10/19 - Computer & Info Science & Engineering, Materials Research, Social Sciences, STEM Edu & Learning
  10/21 - Engineering
  10/22 - Chemistry, Geosciences, Mathematical Sciences, Physics and Astronomy

- **American Association of University Women Fellowships** (Women)
  *All of the AAUW opportunities below allow funds to be used for dependent child care*
  - Dissertation Fellowships - $20K
  - Postdoctoral Research Leave Fellowships - $30K
  - Short-Term Research Publications Grants - $6K
  - Selected Professions Fellowships - $5K - $18K
  - Publication Grants in Engineering, Medicine & Science - $10K - $35K
  *Deadline(s):* November 1 & December 1. [More info.]

- **DOE Office of Science Graduate Student Research Awards** (Ph.D. students)
  *Goal:* Support supplemental awards to outstanding U.S. graduate students to conduct part of their thesis research at a DOE national laboratory/facility in collaboration with a DOE laboratory scientist for a period of 3-12 consecutive months. Amount: $3k living stipend while on-site and inbound/outbound travel cost reimbursement up to $2k.
Deadline: November 10. [More info]

**OTHER OPPORTUNITIES AND NEWS FOR STEM STUDENTS:**

**UNM Events/News**

- **El Centro Welcome Back Raza Junta**
  Wed Sept 1, 11:30 – 1:30. Mesa Vista Hall. Pick up your meal ticket @ El Centro.

- **Student Health & Counseling Workshops:**
  RSVP to studentcounseling@unm.edu by 1 business day before the workshop.
  **Values-Based Actions**
  Two-Part Workshop – Part 1: Mon, Sept 13, 3:30 – 5 PM; Part 2: Mon, Oct 18, 3:30 – 5 PM. Both via Zoom
• **Opportunity to Participate in Research on the Experiences of Women of Color in STEM**

My name is Machienvee (pronounced as “*ma•shen•vee*”) Villanueva Lammey and I am a Filipina, doctoral candidate in the Department of Sociology at the University of New Mexico (UNM). I am currently conducting my dissertation under the guidance of Dr. Nancy López (Professor, Department of Sociology, UNM). I am interested in examining the experiences of women of color (WOC) in graduate school who are involved in the fields of science, technology, engineering, and mathematics (STEM). This research study has been reviewed and approved by the Institutional Review Board at the University of New Mexico (under IRB #: 09321).

Participation in the study is voluntary and participants may withdraw from the study at any time. In order to participate, you must meet the following criteria:

1. Must self-identify as a woman;
2. Must self-identify with *at least one* of the following minority groups: Blacks or African Americans, Native Americans, Alaska Natives, Asians, Asian Americans, Pacific Islanders, Latinxs, Chicxans, and Hispanics;
3. Must be U.S.-born AND/OR have been educated in the U.S. between K-12;
4. Must speak English fluently; and finally,
5. Must be enrolled for *at least* one semester either in a master’s program or a doctoral program in a STEM field OR a postdoctoral fellow in a STEM field OR recently obtained a master’s or doctorate degree in a STEM field in the past 1-3 years.

The study will involve an initial 60 to 90-minute semi-structured interview, a short 5 to 10-minute follow-up interview, and a 60 to 90-minute focus group discussion. As a compensation for your time, you will be entitled to receive a $25 Amazon or Walmart gift card for participating in an initial interview and/or a $10 Amazon or Walmart gift card for participating in a focus group discussion.

Your participation is important to learning more about the academic experiences of WOC in STEM higher education. If you are interested in participating in the study or if you have any questions about the study, please send me an email at mvlammey@unm.edu.

Please feel free to forward this message to anyone who you think might be interested. Thank you!

Sincerely,
Machienvee Villanueva Lammey
*(ma•shen•vee villanueva lam•may’)*
*(she, her, hers/siya, niya, kanya)*
Ph.D. Candidate, Department of Sociology
Research Assistant, Institute of Social Research
University of New Mexico
Albuquerque, NM 87131
mvlammey@unm.edu

Principal Investigator: Dr. Nancy López (Professor, Department of Sociology, UNM)
Study Title: Women of Color Graduate Students and their Experiences in STEM Higher Education
UNM IRB#: 09321
• **Undergraduate Tutoring and Learning Resources**

![Tutoring Services](image)

- Tutoring in 800+ courses
- Conversation groups
- Workshops on study skills & learning strategies

Drop in or schedule an appointment:
3rd Floor, Zimmerman Library
277-7205
caps.unm.edu

Free for UNM students

• **UNM's STEM program with University of Guadalajara**

UNM is hosting a virtual program for students called, Young Women in STEM, for UNM's exchange partner, University of Guadalajara in Mexico. The goal is to inspire students to get involved in STEM fields.

UNM Global Education Office (GEO) is hoping that you, STEM students, can help excite these young women! They want to hear from women in STEM who would be willing to share their experience or show a demonstration and then sit on a short panel discussion. This would be a one hour commitment on October 11th from 4-5PM.

Interested? Please email both (cc'd) Yadéeh Sawyer (yadeeh@unm.edu) and Annette Mares-Duran (amares2@unm.edu).

**COMMUNITY EVENTS/OPPORTUNITIES**

• **Data Science Competition entrants needed**

This year the Students@SC program for the Supercomputing conference in November team has introduced a new Data Science competition and need applicants. Students can either apply by themselves to be teamed with other singles or as a team. Requirements and details are below. This is open to any majors and any schools.

Details:

Apply your data and computational skills during a two-phase data science competition before SC21 (the international conference for HPC, Networking, Storage and Analysis Conference) begins!
Undergraduates and first-year graduate students of any major interested in data science/machine learning are encouraged to apply.

Teams of 4-5 should apply, reach out if you need help forming a team or apply alone and we’ll set you up on a team!

Applications require a recommender or mentor, please reach out if you need help with this.

Dates: Phase 1-Oct 30-31st (Sat-Sun) and Phase 2- Nov 7-8th (Sat-Sun)

100% Virtual participation

All accepted students will receive free SC21 technical program + workshops + student program registration, along with other benefits.

**Deadline: September 7th**


To apply, please go to [https://submission.supercomputing.org/sc21/Questions](https://submission.supercomputing.org/sc21/Questions)? Contact Kristen - [kbrown@supercomputing.org](mailto:kbrown@supercomputing.org)

- **Leveraging Energy Storage Resources to Improve Combined Cycle Power Plant Operational Efficiency**
  NM SMART Grid Center Webinar
  Sep 22
  This seminar will discuss strategy of optimally coordinating energy storage resources and CCPPs to improve operational efficiency of CCPPs. [Learn more!](https://www.nerc.edu/stems/enr/policy/rh251115.html)

- **National Diversity in STEM (NDiSTEM) Digital Conference**
  Oct 25 - 29
  The largest multidisciplinary and multicultural STEM diversity event in the country, 2021 SACNAS is a 5-day digital conference which serves to equip, empower, and energize participants for their academic & professional paths in STEM. [Learn more...](https://www.sacnas.org)

- **Save the Date: NM Research Symposium**
  Nov 8 – 12, 2021 via Zoom.

**PREVIOUS ANNOUNCEMENTS**

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

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

- **IEEE Fall Semester Schedule & Outreach**
  The best way to contact us is by email unm.ieee@gmail.com or Instagram @ieeeunm or by joining our IEEE Discord. This year we will be holding Hybrid events to offer flexibility and comfort to students!

  **Sept. 1st, Wednesday @ 12 PM** - First general meeting (Virtual and In-Person)

  **Sept. 4th, Saturday @ TBA** - First Game Night Social (Virtual and In-Person) Hang out with IEEE members and relax after a long week of classes! We will be playing Jackbox party games, Skribbl.io, and more!
Sept. 15th, Wednesday @ 12 PM - Second general meeting (Virtual and In-Person)
The in-person events will take place in the IEEE lounge in the ECE building first floor.

Links for Instagram and Discord are below!
https://www.instagram.com/ieeeunm/?hl=en
https://discord.gg/y6dbNJqYMP

**JOB/RESEARCH OPPORTUNITIES/SCHOLARSHIPS**
*Check out the ESS website pages dedicated to jobs, internships, and scholarships for more.*

- **Public Allies NM**
The best consideration date is September 7th, 2021. There will also be opportunities for people who may be interested in virtual engagements!
https://publicallies.org/be-an-ally/. vanessaa@publicallies.org.

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

- **Student Equipment Loaner Program**
The Governor’s Emergency Education Relief (GEER) program awarded funding to the University of New Mexico and the Health Sciences Center (HSC) to assist HSC students with navigating through the remote learning environment. These funds at the HSC are being used to establish an equipment loaner program to ensure student success during remote learning.

  Qualifying students can apply for various items to ensure their success in the remote environment. Because of the limited funding there is limited availability and they will be loaned on a first come first served basis. This is a loaner program and all equipment remain the property of the University and equipment checkout forms will be completed by each student.

  The equipment available to loan:
  - Laptop
  - Hotspot
  - Web cam with mic
  - Laptop/hotspot combo

  The program is only for HSC students in line with the GEER grant guidelines. Questions about the program can be directed to HSC-CIO-Notices@salud.unm.edu.

  For those interested in obtaining loaner equipment, please submit requests here with the following instructions: On the first page, enter your HSC email address and click login, which re-directs you to the HSC login page where you enter your HSC NetID and password.

- **The GRC Fall 2021 Workshops**
  You can sign-up at: https://unmgrc.unm.edu/workshops/current-workshops.php
  Please also check out the PAW certificate program as you take workshops from the GRC: https://grad.unm.edu/resources/paw-site/certificate-program/about-certificate-program.html
• **Student Health & Counseling Workshops:**
  RSVP to [studentcounseling@unm.edu](mailto:studentcounseling@unm.edu) by 1 business day before the workshop.

  **What to Do with Our Grief**
  Tuesday Aug 31, 3 – 4 PM via Zoom

  **Stress & Anxiety Toolbox** *(3 sessions offered, all via Zoom)*
  Thurs, Sept 9, 3 – 4:30 PM
  Wed, Oct 6, 9 – 10:30 AM
  Wed, Nov 17, 3 – 4:30 PM
• TRUMAN SCHOLARSHIP Info Session  
https://nisf.unm.edu/prestigious-scholarships/truman-scholarship

Students who are interested in a career in public service (government, non-profit, and education) are eligible to apply. Students should apply during their junior year (senior year if they are graduating within 3 years) and receive $30,000 for their graduate programs.

Information Session – September 1 (Wed) 6:00-7:00 pm, Register to receive the Zoom link

• AISS Welcome Back  
Sept 2, 12 – 2 PM in the Mesa Vista Southwest Courtyard  
Ticketed event. Pick up at AISS while supplies last.

• Call for Art/Artists  
Email submissions by Sept 10th to reyes@warehouse508.org  
The opening will be on Sept 23rd at El Centro.
• **GOLDWATER SCHOLARSHIP Info Session**  
  [https://nisf.unm.edu/prestigious-scholarships/goldwater-scholarship](https://nisf.unm.edu/prestigious-scholarships/goldwater-scholarship)

STEM students who are interested in pursuing a PhD and a career as researcher (pre-med students interested in MD/PhD program are eligible). Students should apply during their second or third year and will receive up to $7,500 during the following academic year.

**Information Session – September 22 (Wed) 6:00-7:00 pm, Register to receive the Zoom link**

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**UNM EVENTS/NEWS**

**REPEAT/CONTINUOUS OPPORTUNITIES**

• **Join UNM’s Math Directed Reading Program.**

  The Math DRP is a UNM student organization since Spring 2021, which pairs interested undergraduates and graduate students for independent study projects. Undergrads and math grad students will work through a math book or paper together over the course of a semester, culminating in presentations from the undergraduate on a fun thing they learned. In select cases, undergrads maybe able to conduct research with the grads.

  Our goal is to enable motivated undergraduates to engage with math in more depth and breadth than a classroom setting typically allows, and to foster a tight-knit mathematically community at UNM.

  Link to UNM Math DRP website: [https://math.unm.edu/research/mathematics-directed-reading-program-drp](https://math.unm.edu/research/mathematics-directed-reading-program-drp)
El Centro is now open for the Fall.

FREE Remote Counseling
Focus on Trans/Queer issues. Available over the phone or computer.
Contact the LGBTQ Resource Center at 505-277-LGBT (5428) or wrcservices1972@unm.edu or lgbtqrc@unm.edu

LGBTQ Resource Center Remote Services
Schedule an appointment with Frankie by emailing them at fiyero81@unm.edu. For other needs, email the LGBTQ Resource Center at lgbtqrc@unm.edu

The WRC has WEEKLY EVENTS!
**TUESDAYS:**
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.

Need help applying for childcare assistance? The WRC has virtual walk-in hours Tuesdays 12pm-2pm to help you apply! Email women@unm.edu for an appointment!

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

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**COMMUNITY EVENTS/OPPORTUNITIES**

- **Learn about Graduate School at Purdue Engineering**
  There are two upcoming (FREE!) opportunities to learn more about graduate school and research at Purdue Engineering!

  1. **Purdue Engineering Virtual Graduate Showcase** - October 3-4, 2021.
     Meet Purdue Engineering Graduate Programs and Faculty, and learn about both graduate research and summer undergraduate research programs at Purdue. Free, online, and interactive.
     Register to access pre-event content
     Present a research poster for cash prizes (optional) - best poster and people's choice
     Attend event to receive an application fee waiver, in order to apply to Purdue Graduate Programs for FREE (good for up to two years)!
     Registration Link: [https://purdue.ca1.qualtrics.com/jfe/form/SV_0kdl2pxrKqUpOjl](https://purdue.ca1.qualtrics.com/jfe/form/SV_0kdl2pxrKqUpOjl)
     Learn more from the Virtual Graduate Showcase website.

     If you have questions, please reply to Dr. Jackie McDermott ([jem@purdue.edu](mailto:jem@purdue.edu)) or email any member of their team at engrgrad@purdue.edu

  2. **Graduate Diversity Visitation Program (GDVP)** - October 24-27, 2021.
     Come on-campus to visit Purdue University Graduate Programs. This program encourages senior students from historically underrepresented backgrounds to apply. **Application deadline is August 29, 2021.**
     Check out the [GDVP flyer](https://gradapply.purdue.edu/register/GDVP_app) with eligibility and more information.
     Application Link: [https://gradapply.purdue.edu/register/GDVP_app](https://gradapply.purdue.edu/register/GDVP_app)
     Questions for GDVP can be emailed to gdvp@purdue.edu or call 765-494-0945.

- **Emergency Rental Assistance Program**
  Visit [renthelpnm.org](https://renthelpnm.org). Applications close August 31

  Need help paying your rent or utilities? Apply for the emergency rental assistance program.

We hope to see you around.
In Solidarity,
Yadéeh E. Sawyer, Ph.D. (she/her/ella)

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

Stay informed through our app: succESS

ESS Webpage: ess.unm.edu
Tutoring | Scholarships | Mentoring | Undergraduate Research | EPICS | Internships and Co-Ops | Engineering Ambassador | Academic Success Workshops & Special Events for Engineering and Computer Science Students

ESS social media @UNMNESSCenter

Events and Workshops: ess.unm.edu/events

Semester Long Programs:

- **Mentoring:**
  - Get a Mentor who is a STEM Professional
  - Be a Peer-Mentor

- **Research:**
  - Student Research Experience Program
  - EPICS (Engineering Projects in Community Service) @ UNM

Want to know about other STEM related opportunities? Join our listserv: UNM_STEM-L

ESS is located on the 2nd floor of the Centennial Engineering Center #2080
MSC01 1145; Building 112 (UNM Campus Map)