Weekly ESS Center Announcements
Week of December 14, 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
    - ESS Snacks for Finals (8:30 am – 5 pm)
  - New Announcements
    - ESS's Spring Line-Up
    - Pre-Semester Prep Workshops (Jan 10-14)
    - Semester Long Engagement through Mentoring, Internships, and Research
  - Next Week
    - Enjoy your Winter Break!
  - Coming Up
    - Happy Holidays from the ESS Center!
  - Reminders
    - Gearing up for the end of the semester? Our Tutors can help!
    - Introducing: Faculty Highlights with Dr. Daniel Banuti
    - ESS News: L. "Zyri" Wilds, 2021-2022 Raymond E. Plotkin Scholarship Recipient
    - ESS Resource Page
**Other ESS Center/SOE News and Info**

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

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**Stay informed via our app:**

"engineering your succESS"

[SUCCESS.UNM.EDU](https://success.unm.edu/menu/howToInstall/)

Please share as you feel appropriate.

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**Follow us on Social Media**

@UNMESSCENTER

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)*

**This Week:**

- Fuel your brain for finals!
NEW ANNOUNCEMENTS:

- **ESS Spring Line-Up**  
  Visit [https://ess.unm.edu/events](https://ess.unm.edu/events) for more info.
Pre-Semester Prep Workshops: These interactive workshops will review all foundational material leading up to the specified course so you are better equipped to hit the ground running.

+Attend our Physics 1, Pre-Calc/Trig, Calc 1, or Calc 2 sessions and provide feedback for access to a general knowledge exam to even better prepare you for the first exam (and potentially beyond) within your course.

Topics:
- Physics 1 Prep
- Chemistry 1 Prep
- Trigonometry & Pre-Calculus Prep (College Algebra Review)
- Calculus 1 Prep (Pre-Calc/Trig Review)
- Calculus 2 Prep (Calculus 1 Review)
- Calculus 3 Prep (Calculus 2 Review)

Partners/Presenters: ESS Center and CAPS
Where: Synchronous in-person (in the ESS suite - CENT 2080) and virtual via Zoom (https://unm.zoom.us/j/99158374211)
RSVP is preferred but not required. RSVP will get you week before and day before email reminders. RSVP for EACH desired session at https://ess.unm.edu/events > January or our succESS app (https://success.unm.edu/events).

Start Your Semester Off Right
Join us for a FREE Pre-Semester Prep Workshop Series

These interactive workshops will review all foundational material leading up to the specified course so you are better equipped to hit the ground running.

Synchronous in-person in the ESS suite & virtual via Zoom

- Physics 1 Prep: Monday, January 10, 2022, 10 AM - 12 PM
- Pre-Calc/Trig Prep (College Algebra Review): Tuesday, January 11, 2022, 10 AM - 12 PM
- Calc 1 Prep (Pre-Calc/Trig Review) - PM offering: Tuesday, January 11, 2022, 1 - 3 PM
- Chem 1 Prep: Wednesday, January 12, 2022, 10 AM - 12 PM
- Calc 1 Prep (Pre-Calc/Trig Review) - AM offering: Thursday, January 13, 2022, 10 AM - 12 PM
- Calc 2 Prep (Calc 1 Review): Thursday, January 13, 2022, 1 - 3 PM
- Calc 3 Prep (Calc 2 Review): Friday, January 14, 2022, 10 AM - 12 PM

RSVP is preferred but not required
ess.unm.edu/events > January
or through our app - succESS

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

**MENTORING**
- **BE a mentor**...to our incoming students in their transition into the University of New Mexico, the university setting, and Albuquerque.
- **HAVE a mentor**...who is a STEM Professional working in the field to build your network and receive guidance and support.

**INTERNSHIPS**
- **Getting real-world experiences leads to your satisfaction with your undergraduate journey.**
- **Gain valuable hands-on experience while making professional connections.**

**RESEARCH**
- **EPICS @UNM**...to give back to the community, earn credit, and gain research experience all at the same time!
- **Student Research Experience Program**...to get hands-on research experience to understand how your course fits in to real-world applications.

Many are open to pre- and full majors and have no citizenship or GPA requirements.

For more information, or to apply, visit: https://ess.unm.edu/programs/current-students

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**NEXT WEEK:**

Enjoy Your Winter Break

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**COMING UP:**

- Happy Holidays from the ESS Center
Reminders:

- **Gearing up for the end of the semester? Our Tutors can help!**
  Our tutors are here to help you succeed! Don’t wait until the last minute. Come visit them now, available both in-person and online, during regular business hours, but also nights and weekends!
Need help in an engineering or computing foundational course (i.e. math, physics, chemistry) or field specific course that isn’t listed? Reach out to our tutoring coordinator, Doug Williams (esshelp@unm.edu) to see if our tutors can still help you.

Check out their schedule on our website (https://ess.unm.edu/services/tutoring/index.html) or on our succESS app (https://success.unm.edu/tutoring/).

- **Introducing: Faculty Highlights.** See what our faculty study. Read about other highlights on our webpage dedicated to just this. This posting is for **Dr. Daniel T. Banuti** within the Mechanical Engineering Department.

- **ESS News: L. "Zyri" Wilds, 2021-2022 Raymond E. Plotkin Scholarship Recipient**
  Read about Zyri’s inspirational story on our ESS News Page!

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

**OTHER ESS CENTER/ SOE NEWS AND INFORMATION:**

https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEiNGQ5NC1hZjFmLTY0NjQ2ZjcxMwAQALYGHUHSVEiBsuy%2FJ2IW1Ig...
• Join us for the School of Engineering Convocation (Graduation)
  Saturday, December 18, 2 pm in the Kiva Auditorium – Albuquerque Convention Center
  https://graduation-engineering.unm.edu

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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)
(See Previous Announcements below for additional opportunities)

Scholarships

• Please visit ESS Scholarships for a full list – many are available to all, regardless of citizenship status:
  Internal: https://ess.unm.edu/programs/current-students/scholarships/internal.html
  External: https://ess.unm.edu/programs/current-students/scholarships/external.html

Job/Research Opportunities

• Need help with a Resume or Cover Letter? We’ve got you covered. Please reach out to our very own Nada Abdelhack, our Job and Internship Placement Coordinator. Email: esscareers@unm.edu. Phone: 505-277-1403.

• Please visit ESS Internships and Jobs for a full list – some are available to all, regardless of citizenship status

This includes our SPSP Internship Program. Are you a Junior, Senior, or Graduate student in an Engineering or Computing field? Learn more at [goto.unm.edu/internships]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**

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**UNM Events/News**

- **New UNM BioBlog: Acequias**
  
  We have a new BioBlog, written by Biology undergraduate Andrea Chin-Lopez, titled “Ancient Acequias, My New Mexican Inheritance.” Andrea discusses the history and cultural use of acequias in New Mexico: from their origins to how they are used today, and her own experience of cleaning her community’s acequia each year. [You can read the blog here.](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQALYGHUHSVEiBsuY%2FJZIW1l)

**Community Events/Opportunities**

*Check back next week*

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**Previous Announcements**

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

- **SOE & STEM Student Org Meetings and Campus Events**
  
  *Check back next week*

**Job/Research Opportunities/Scholarships**

*Check out the ESS website pages dedicated to [Jobs](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQALYGHUHSVEiBsuY%2FJZIW1l), [Internships](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQALYGHUHSVEiBsuY%2FJZIW1l), and [Scholarships](https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWEtNGQ5NC1hZjFmLTY0NjQ2ZjgwZjcxMwAQALYGHUHSVEiBsuY%2FJZIW1l) for more.*

- **Ford Foundation Fellowships (predoc, dissertation, postdoc)**
  
  Intended to increase diversity in the nation's college and university faculties. STEM disciplines eligible.
  
  - Predoc Fellowship - $27K (for 3 years)
  - Dissertation Fellowship - $28K (1 year)
  - Postdoc Fellowships - $50K (1 year)
  
  **Deadlines:** December 9 & 16
Students who are looking for funds for the 2022-2023 school year...

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

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

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

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

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

Additional Loans and Scholarship Opportunities for Women:

https://outlook.office.com/mail/inbox/id/AAQkADJiYjc0NTFmLTY0MWE1NGQ5NC1hZjFmLTY0NjQ2ZjgwZjcXMwAQALYGHUHSVEiBsuY%2FJZIW1…
For more information about the Philanthropic Educational Organization for women and their scholarships/loans, please visit their website at [https://www.peointernational.org](https://www.peointernational.org) and search under “P.E.O. Projects.” For questions on these scholarships or loans contact newmexicopeochapterad@yahoo.com.

- **Air Force Research Lab Scholars Program Summer 2022 Internships - Application Now Open!**

  Information webinar DON’T MISS! REGISTER TODAY! Join the Webinar November 17, 2021 12:00 p.m. CDT

  The application is now open for summer 2022
  
  Application deadline: January 10, 2022, midnight CST
  
  To find out more, go to [https://afrlscholars.usra.edu](https://afrlscholars.usra.edu)
  
  **Webinar information will also be available on the AFRL Scholars website at [https://afrlscholars.usra.edu](https://afrlscholars.usra.edu).**

  If you have any questions, reach out to AFRL-Scholars@usra.edu

**UNM EVENTS/NEWS**

*Listed in Chronological Order*

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

*Check back next semester for new information.*

- **Don’t delay, complete your 2022-2023 FAFSA today!**

  UNM's FAFSA filing priority date is January 5, 2022. A student’s FAFSA must be received and processed by the US Department of Education by this date to be eligible for priority funds. Completing the FAFSA is only half the job. In addition to meeting the FAFSA priority filing date, you must also submit all requested documents by February 1, 2022 to be considered for priority aid, like work study and certain grants.

<table>
<thead>
<tr>
<th>FAFSA Priority Funding Dates</th>
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<tbody>
<tr>
<td>January 5, 2022</td>
<td>UNM FAFSA priority filing date</td>
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<tr>
<td>February 1, 2022</td>
<td>Additional documentation deadline to be considered for priority funds</td>
</tr>
<tr>
<td>Late February</td>
<td>First 2022-2023 award notifications will be sent via email</td>
</tr>
</tbody>
</table>

*If you completed a 2022-2023 FAFSA in the last few days please allow for up to three business days for us to receive your application. Once your FAFSA is received, we will review it and request any additional documentation, if applicable.*

**Helpful Hints**

**COMMUNITY EVENTS/OPPORTUNITIES**

*Check back next week*

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
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 @UNMESSCenter

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)