Weekly (May 10) ESS Center Announcements

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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
    - Extended deadline: Win a gift certificate for checking out student research via UROC (May 15)
  - New Announcements
    - Congrats to the Barry Goldwater Scholarship winners!
    - Good luck wrapping up the semester
  - Next Week
    - Relaxation
  - Coming Up
    - Understanding the Coded Bias (May 25)
  - Reminders
    - Don’t forget to register for Fall 2021
    - Introducing our Student Showcase!! First up, Tina Memarian
    - 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 new app: "engineering your succESS"
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:**

- Extended deadline: Win a gift certificate for checking out student research via UROC
  You have until May 15 to visit https://uresearch.unm.edu/ to check out and review student research presentations to win a gift certificate!

  *We have $1,000 to give away!!!*

  ![Win a Gift Certificate!](image)

  No RSVP necessary, but sign up for email reminders at ess.unm.edu/events > April OR through succESS.unm.edu

  Learn more at:
  - Undergraduate Research (uresearch.unm.edu)
  - Engineering Student Success Center - Events (ess.unm.edu/events - April)

**NEW ANNOUNCEMENTS:**

**GOOD LUCK WRAPPING UP THE SEMESTER!!**

- Congrats to the Barry Goldwater Scholarship winners!
  Way to go s Ryla Josephine Cantergiani, Anna Janicek, Abigail Pribisova, and Sophia Salbato.

  This is a prestigious annual award presented to outstanding college sophomores and juniors in science, technology, engineering, and mathematics (STEM) fields in the United States (U.S.) by the Barry Goldwater Scholarship and Excellence in Education Foundation, in conjunction with the Department of Defense National Defense Education Programs (NDEP). The Goldwater Scholarship was granted to four-hundred ten (410) students in
2021, with more than five thousand (5,000) students nominated from four-hundred thirty-eight (438) academic institutions in many STEM fields.

**NEXT WEEK:**

**GET SOME OF THAT WELL-EARNED AND MUCH DESERVED REST AND RELAXATION.**

**COMING UP:**

- **Understanding the Coded Bias**  
  *When*: Tuesday, May 25, 2021, 12 - 1 PM.  
  *Where*: Via Zoom ([https://unm.zoom.us/j/91055244524](https://unm.zoom.us/j/91055244524))  
  *Presenters*: Professor Sonia Gipson Rankin  
  *More info*: Professor Sonia Gipson Rankin (UNM School of Law) will lead a discussion covering legal and technical issues raised in the film Coded Bias (available for viewing via Netflix™ or [https://www.pbs.org/independentlens/films/coded-bias/](https://www.pbs.org/independentlens/films/coded-bias/))

RSVP is preferred but not required

ess.unm.edu/events > May...or our succESS app (success.unm.edu)

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**REMINDERS:**

- **Don’t forget to register for Fall 2021 classes!**  
  Have questions about courses? Reach out to your major advisor and check out which classes are being offered for Fall 2021. Do you have financial aid concerns? Reach out to our Scholarship Manager.

- **Introducing our Student Showcases!**  
  [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.

  Check out our first showcase: Tina Memarian, a sophomore in Chemical Engineering who has a outside SoE interest in ceramics.
Check out our new and improved 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:**

- **Quick Takes from the Dean – Week of May 10**
  - Brinker elected as a member of the National Academy of Sciences
  - SMLab develops new low-cost strain sensor
  - Engineering students win at Grand Challenges Team Research Symposium
  - Center for Water and the Environment participates in STEM Research Challenge
  - Congratulations to our 2021 Annual Award winners

**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

- **Out-of-state scholarship opportunity**
• **Are you interested in the scholarships for graduate programs?**  
  Information Session May 13 (Thursday) 5:00–6:00 pm (MDT)  
  Register in advance – You will receive a confirmation email containing Zoom link.

• **African American Student Services General Scholarship**  
  The last deadline to be considered for an African American Student Services Scholarship is May 14th! For a full list of scholarships offered by African American Student Services, please click [HERE](https://afro.unm.edu/).

**GENERAL SCHOLARSHIP**

*Deadline: May 14, 2021  
Apply at afro.unm.edu!*

**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](https://goto.unm.edu/internships). Students are required to participate 12 weeks, 15 hours per week and will receive a
**Other Opportunities and News for STEM students:**

**UNM Events/News**

- **Help the pack return safely to campus for the Fall 2021 semester**
  We are highly encouraging all Lobos to get vaccinated, wherever they are. In New Mexico, anyone over the age of 16 is eligible to [register and to self-schedule an appointment to be vaccinated](https://vaccinenm.org). If you are getting a two-dose vaccine, don’t forget the second shot – it is important.

- **Virtual rainbow graduation**
  Wednesday, May 12 @ 12 PM.
  The ceremony will be streamed via Facebook and YouTube simultaneously.

- **Now What?! Transitioning from college to career**
  May 12 @ 12 pm
  [unm.zoom.us/j/93482923520](unm.zoom.us/j/93482923520) [career.unm.edu](career.unm.edu)
• **Join the GEO Lobo Friend Mentoring Program**
GEO is currently recruiting for our Lobo Friend Mentor Program for the Fall 2021 semester. Lobo friends is a peer mentoring program where we match current UNM students with our incoming international student population. This is a great opportunity to volunteer, provide mentorship to other students, and take part in exclusive Lobo Friend activities and events.
We would love to have you join our GEO family as a mentor this upcoming fall.
If you are interested, please use this link to sign up: [https://goo.gl/forms/TjsZgXDZe0cgoGXFbh2](https://goo.gl/forms/TjsZgXDZe0cgoGXFbh2)

• **UNM 2040: Opportunity Defined**
[https://opportunity.unm.edu/index.html](https://opportunity.unm.edu/index.html)
The University of New Mexico is undertaking a process to craft a multi-year plan to build the future of UNM. This plan will provide us with both a vision of our future twenty years from now, and a set of more immediate tasks designed to move us toward that vision.
You can share your thoughts and questions on the comments section of the website. Be part of our future!

**COMMUNITY EVENTS/OPPORTUNITIES**

• **O4U Conference round 3 and pre conference events**
The O4U Engineering Conference is holding three pre-conference events in preparation for their [Round 3 application deadline on June 6th](https://outforundergrad.typeform.com/to/IuQVhf66)!

In case you missed it: The Out for Undergrad Engineering Conference will be held virtually from September 9th to September 12th. It should be noted that this conference is geared towards serving students that identify as LGBTQ+ and plan on [pursuing a career in engineering](https://outforundergrad.typeform.com/to/IuQVhf66), whether it be industry or academia. We have waived our registration fee, making the conference free to attend for students. We are committed to ensuring all admitted students can attend our programming, especially in our new virtual format.

You can apply to the conference itself here ([https://outforundergrad.typeform.com/to/IuQVhf66](https://outforundergrad.typeform.com/to/IuQVhf66)) till June 6th! & RSVP to as many pre-conference events as you would like!

**O4U Conference Leads Panel**
Thursday, May 13th, 2021 from 7-8 EST
- This event will feature our conference leads Angie Gonzalez (Engineering), Maggie Moss (Marketing), and Anne Schwartz (Tech) as they breakdown O4U and provide perspective for each conference. This is a great opportunity to learn about O4U and why you should apply to one of the conferences! Please RSVP by Tuesday, May 11th, 2021 to confirm your spot!
  - RSVP: [https://forms.gle/vadsJSzvzoPQVnWw8](https://forms.gle/vadsJSzvzoPQVnWw8)

**O4U Engineering Conference Spanish Info Session**
Thursday, May 20th, 2021 from 8-9 EST
- Gran oportunidad para aprender sobre “O4U Engineering” y porqué deberías solicitar para ser parte de la conferencia. Este taller será totalmente en español. Favor de reservar tu espacio aquí: “RSVP” en o antes del 18 de Mayo de 2021, para confirmar tu espacio. ¡No olvides compartirlo!
  - RSVP: [https://forms.gle/YSwa2PnSkkSGT2bx6](https://forms.gle/YSwa2PnSkkSGT2bx6)
O4U Engineering Diversity Panel
Thursday, May 27th, 2021 from 7-8 EST
- This event will feature a collection of our 2021 engineering directors as they reflect on their O4U journey, specifically in the context of their diverse identities. Following the panel there will be space for networking with directors and other students. This is a great opportunity to learn how the full 360 of your identity is welcomed and supported at O4U! Please RSVP by Tuesday, May 25th, 2021 to confirm your spot!
  - RSVP: https://forms.gle/apcJuTFWNbBkM6ix5

If there are any questions, please reach out to Joey Saad, Pre-Conference Programming Lead, at joey.saad@outforundergrad.org, Angie Gonzalez, Conference Lead, at angie.gonzalez@outforundergrad.org, or the admissions team at engineering2021.admissions@outforundergrad.org for more information!

- Student Program | Department of Energy ARPA-E Energy Innovation Summit
I would like to invite all graduate-level students interested in energy technology at University of New Mexico to participate in the 2021 ARPA-E Energy Innovation Summit Student Program, hosted by the U.S. Department of Energy’s Advanced Research Projects Agency – Energy (ARPA-E).

The ARPA-E Energy Innovation Summit convenes leaders from academia, business, and government to discuss cutting-edge energy technologies, facilitate relationships to move technologies to market, and showcase innovations that will advance solutions to current and future energy challenges. The strategic combination of leaders makes the Summit the perfect forum for developing energy solutions to enable America to out-innovate its global competitors.

The Student Program is free of charge to all graduate students – to register please visit arpa- summit.com/Students/Student-Program. This program provides graduate-level students access to student-focused speakers, panel discussions, and networking opportunities, and students will be able to observe the main Summit programming when not attending student programming. To view the agenda and read more about panel discussions, please visit arpa- summit.com/Students/Student-Program-Agenda. Registration closes Monday, May 17.

We hope to see graduate students from University of New Mexico at this year’s ARPA-E Energy Innovation Summit Student Program. Please feel free to reach out should any questions arise.

Best Regards,
Natalie Tham (she/her)
Special Assistant, Department of Energy
natalie.tham@hq.doe.gov | (240) 252-8822

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, internships, and scholarships for more.
- NMOST Advancing Young Women in STEM Scholarships
  Deadline is May 28 and is open to young women in NM.
  Goal: This scholarship is designed to assist and encourage young women pursuing a STEM career. Applicants must 25 years old or younger, pursuing a STEM education/career, and be a NM resident. Amount: $500 - $1,000. Learn more HERE.
- El Puente Research Fellowship 2021-2022
  Read more and apply HERE
Deadline is May 31, 2021.

- **AISES Scholarships (Native American students)**
  - Chevron Scholarship: Open to grad & undergrad students - $5K a year
  - **3M Scholarship**: Open to incoming freshman - $2.5K per academic year
  - **A.T. Anderson Memorial Scholarships**:
    - Undergrads - $1k per academic year
    - Graduate students - $2k per academic year
  - **Intel Scholarships**:
    - Undergrads - $5K per academic year
    - Graduate students - $10K per academic year
  - **Ariscocrat/VGT Scholarships**:
    - Undergrads - $5K per academic year
    - Graduate students - $10K per academic year

- **IEEE Power & Energy Society**
  Deadline June 30, open to undergrads in Engineering.
  Goal: To provide scholarships and real world experience to undergraduates who are interested in power and energy engineering careers. Amount: $2,000. Learn more **HERE**.

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

- **2021 American Indian Graduates Recognition**
  American Indian Student Services is hosting a virtual recognition for Native graduates this year! Registration for the **2021 American Indian Graduates Recognition** is NOW OPEN. We’d appreciate your assistance in sharing with any & all Fall 2020, Spring 2021, and Summer 2021 graduates.
  Interested graduates can sign up at [http://aiss.unm.edu/signature-programs/american-indian-convocation.html](http://aiss.unm.edu/signature-programs/american-indian-convocation.html).

- **Career Services is hosting NOW WHAT?!**
  Transitioning From College to Career on May 12 between at 12pm. See the info here: [https://career.unm.edu/events--workshops/upcoming-workshops.html](https://career.unm.edu/events--workshops/upcoming-workshops.html)

- **Coffee and Code Series**
  The Coffee & Code workshop series presents a variety introductory workshops on data science tools and technologies that are commonly used in current analysis processes and in generating research products (data, statistical output, data visualizations). Adoption of these tools contributes to significant increases in efficiency, productivity, and improved data management throughout the research and data lifecycle - from problem definition, through analysis and visualization, to sharing/publication and preservation of products. Please join us for any or all of these workshops and see how you can increase your research productivity and impact through the adoption of powerful analytic and data management tools. While encouraged for workshop planning purposes, registration is not required. Access to the registration page for previously offered workshops is available through the following links. Registration for current events is available through the links on this page.
  All workshops are on **Fridays from 9-11 am** via Zoom. Connection information will be provided at registration.
  **May 14, 2021. Open lab for discussions of your data science questions and challenges.**

- **Make sure you file your taxes so you can fill out a FASFA for financial aid.**
  Schedule an appointment for help at [cfc.unm.edu](http://cfc.unm.edu)
• **Research Open Chat**
  June 2, 2021 @ 12 PM. [https://unmgrc.unm.edu/workshops/current-workshops.php](https://unmgrc.unm.edu/workshops/current-workshops.php)

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**UNM EVENTS/NEWS**

**REPEAT/CONTINUOUS OPPORTUNITIES**

Check back later for summer repeat events and opportunities.

**COMMUNITY EVENTS/OPPORTUNITIES**

• **GRC Summer Writing Camps**
  Join one of the GRC Summer Writing Camps to help you make progress on that manuscript, dissertation, or thesis.
  More info and RSVP at [http://unmgrc.unm.edu/support-services/writing-support/writing-camps.php](http://unmgrc.unm.edu/support-services/writing-support/writing-camps.php)
  [https://bucket.mlcdn.com/a/1381/1381946/images/fffca8b723f329d48b2a5110d354a01459730dcc.png/ffe21c0dda90de9e6356b24721c91eb91e287194.png](https://bucket.mlcdn.com/a/1381/1381946/images/fffca8b723f329d48b2a5110d354a01459730dcc.png/ffe21c0dda90de9e6356b24721c91eb91e287194.png)

**USAJOBS free webinars**

Navigating USAJOBS – Finding and Applying for Federal Jobs

Join the staff of the Recruitment Policy and Outreach (RPO) division of the Office of Personnel Management (OPM), for an in-depth webinar that provides a step-by-step process for navigating USAJOBS. We cover job searching, creating your account/profile, reviewing Job Opportunity Announcements, applying, and application status.

Tuesday, May 18, 2021 @ 11:00 a.m.

[REGISTER](https://www.eventbrite.com/e/navigating-usajobs-tickets-128867886317)

Interviewing

Join the staff of the Recruitment Policy and Outreach (RPO) division of the Office of Personnel Management (OPM), for an in-depth webinar on the Federal Government interview process. It explains the types of interviews, delivery methods, common questions, responding using the S.T.A.R. (Situation/Task, Action, Result) method and preparing for an interview.

Thursday, May 13, 2021 @ 1:00 p.m.

[REGISTER](https://www.eventbrite.com/e/interviewing-for-federal-jobs-tickets-140370643373)

**CISE Distinguished Lecture Series - Wireless Power Transfer: Principles and Prospects**

May 13. *NSF Virtual Webcast*

Dr. Marzetta will share his thoughts on a frequency/wave number Fourier transform solution that may prove better suited for engineering problems. [Register now!](https://www.eventbrite.com/e/cise-distinguished-lecture-series-wireless-power-transfer-principles-and-prospects-tickets-133793571611)

**Opal RT for Beginners**

May 26, a NM EPSCoR Webinar

Project graduate research assistant George "Rusty" Nail will cover the fundamentals of OPAL-RT including, how to use MATLAB Simulink Simscape Blocks to build a 2-Node system, building more complex electrical systems in MATLAB Simulink, and much more. Zoom [Registration Link](https://www.eventbrite.com/e/opal-rt-for-beginners-tickets-129867886317)

• **Join the O4U**
O4U is all about students and this means we work with corporations leading positive change. There is still so much to do together to truly realize human dignity at work rather than merely assert it. We believe that each succeeding generation of O4U alums will not only benefit from the work we do today, but will inspire and lead change for the better.

[www.outforundergrad.org](https://www.outforundergrad.org), 866.648.9727, info@outforundergrad.org
Facebook: Out For Undergrad Twitter: @outforundergrad Instagram: @outforundergrad
And… attend the O4U Engineering Conference for LGBTQ+ students

Virtually from September 9th to September 12th

It should be noted that this conference is geared towards serving students that identify as LGBTQ+ and plan on pursuing a career in engineering, whether it be industry or academia. We have waived our registration fee, making the conference free to attend for students. We are committed to ensuring all admitted students can attend our programming, especially in our new virtual format.

Every year, O4U hosts a weekend-long professional development conference for high-achieving, high-potential LGBTQ+ undergraduate students who are studying engineering or interested in going into engineering. If you are not familiar with Out for Undergrad (O4U) or the O4U Engineering Conference, you can learn more about it on the website here: [https://www.outforundergrad.org/](https://www.outforundergrad.org/) or apply here: [https://outforundergrad.typeform.com/to/IuQVhf66].

Out for Undergrad (O4U) Engineering Conference (all at 11:59 PM PST)
Round 3 Deadline: June 6, 2021
*It is encouraged that students apply as soon as possible, as O4U Engineering has historically selected 50% of the class during Rounds 1 and 2.

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)
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Stay informed through our app: [sucCESS](https://www.outforundergrad.org/)

ESS Webpage: [ess.unm.edu](https://www.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](https://www.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](https://lists.unm.edu/mailman/listinfo/stem)

ESS is located on the 2nd floor of the Centennial Engineering Center #2080
MSC01 1145; Building 112 ([UNM Campus Map](https://www.unm.edu/maps))