

STEM Bulletin | October 27, 2015



IN BRIEF (read more below)...

- Undergrads! Come share your Science and Teamwork Knowledge with Middle Schoolers!
- Check out this week's STEM Gateway Blog on Mentee-Mentor Relationships!
- How is the City of Albuquerque Helping Entrepreneurs Grow Their Startups? Free event with local experts!
- Thinking about med school or another health profession? Attend these free upcoming sessions to get prepared!
- Apply for the Air Force Research Lab's Summer Scholars Program!
- STEM Meetings, Scholarship, Grants, and Job Opportunities

Undergrads! Come share your Science and Teamwork Knowledge with Middle Schoolers!



Undergrads! Come share your science and teamwork knowledge with middle schoolers from Garfield Middle School's AVID program. You will lead a small group of middle schoolers through a series of activities put together by the SACNAS Lobos, an active STEM student organization at UNM. Activities include the marshmallow challenge and making root beer with the students. Prior experience with courses or teaching is not required.

Learn more and apply here: <http://stemuniversity.unm.edu/courselist/register/27>

Check out this week's STEM Gateway blog on Mentee-Mentor Relationships!



STEM GATEWAY Blog

Our next installment of Two sides of the same coin: Mentor-Mentee relationships blog post highlights the benefits of mentoring from the perspective of Dr. Jeff Brinker and Ayse Muniz. What should students know about themselves before seeking out a mentor? What types of qualities should both mentees and mentors look for? Read now at: <http://stemgateway.unm.edu/blog/2015/10/mentor-mentee-relationships-dr.-jeff-brinker--ayse-muniz.html>

How is the City of Albuquerque Helping Entrepreneurs Grow Their Startups? Free event with local experts!



Join UNM Business Plan Competition on Friday, October 30, 2015 – 9:30-11:30 AM at the Anderson School of Management, Jackson Student Center for a great talk with two local start-up experts: Gary Oppedahl, Economic Development Director for the City of Albuquerque (and co-founder of startups Emcore and TriLumina) and Jared Tarbell, Founder of Levitated (design, code, and manufacturing) and co-founder of Etsy.

You will learn how you can utilize local resources and services to plan and build your startup venture before and after the UNM Business Plan Competition. Speakers will discuss how a new entrepreneur can leverage the services provided by multiple entrepreneurship programs in Albuquerque and learn from experienced entrepreneurs, business owners, and executives. So, register now for our upcoming seminar and prepare to create what you wish existed!

RSVP Now by clicking here: <http://www.mgt.unm.edu/events/bpc>. See the attached flier "BPC Seminar" for more info.

Thinking about med school or another health profession? Attend these free upcoming sessions to get prepared!


Undergrads, if you are considering applying to medical school, there is a lot of information but a lot of assistance. Join Dr. James McKinnell of the UNM Office of Pre-Health Professions Student Development as he and other groups tell you more about how to succeed.

- **Wondering how to tackle “shadowing?”** Shadowing 101 is an introduction and orientation to the shadowing experience. Come learn about the things admissions committees hope you take away from shadowing and strategies you can use that may help you identify shadowing opportunities. The event will be Wed Oct 28th from 2-3pm in University Advisement and Enrichment Center B24.
- **Med School from the Medical Student’s Perspective!** Do you have questions about medical school that you think medical students might be able to help you with? Are you interested in hearing from 4th year medical students what the medical school experience has been like? Come hear from them on Wednesday, Oct 28th from 3-4pm (just after the Shadowing event!) in University Advisement and Enrichment Center B24.
- **Interested in a career in the health professions (EMS, Occupational Therapy, or Radiological Sciences)?** Join us for a general information session covering career opportunities in EMS (Emergency Medical Services), Occupational Therapy and Radiologic Sciences. Designed for students interested in learning about the variety of careers available in the health sciences. The event will be Wednesday, Nov 4th from 2-3pm in University Advisement and Enrichment Center B24.

Questions about any of these events? Please contact the Office of Pre-Health Professions Student Development via email at prehealthprofessions@unm.edu

Apply for the Air Force Research Lab’s Summer Scholars Program!

Paid summer internship at the
Air Force Research Laboratory



AFRL Scholars

The image shows three students in a laboratory setting. A woman in a dark blue shirt is kneeling on the left, a man in a red shirt is kneeling in the center, and a man in a light blue shirt is kneeling on the right. They are all focused on a project on the floor. In the background, there is a large blue robotic arm and other laboratory equipment.

The application for the 2016 summer program opens November 3, 2015, and the AFRL will be accepting applications from students with top academic credentials and an interest in science, engineering, and mathematics. Students from undergraduate- and graduate-level studies, as well as select junior and senior high school students, are eligible for the program.

Scholars will intern within the Space Vehicles or Directed Energy directorates, facilitated by close interaction with fellow scholars and AFRL scientists and engineers in one of several research areas of interest. They will have the unique opportunity to participate in stimulating research efforts that directly contribute to the Nation's defense, while developing skills and contacts that will be of great value when they join the professional workforce.

For more information and a full list of eligibility requirements, please visit the AFRL Scholars website at: <http://afrlscholars.usra.edu>

Also see attached fliers "AFRL Brochure" and "USRA Recruiting" for more info.

The direct application link can be found here: <https://afrlscholars.usra.edu/students/>

STEM Meetings, Scholarships, Grants, and Job Opportunities

- UNM's Engineers Without Borders will have a general meeting this Thursday, Oct 29th, from 5 pm to 6 pm in the STAMM room in the Centennial Engineering building
- Johns Hopkins University Chemistry-Biology Interface (CBI) Program now accepting students. The CBI Program provides students with research and academic training that enables them to carry out interdisciplinary research as independent scientists. Students completing the program receive a Ph.D. in Chemical Biology. For more info, see attached flier "CBI Brochure" or click here: <http://www.cbi.jhu.edu/>
- Pacific Child and Family Associates, LLC is hosting a three-day open house on Oct 27th (9am-2pm), Oct 28th (12pm-6:30pm), and 29th (9am-5pm) at 1420 Carlisle Blvd NE #100 Albuquerque, NM 87110. Students can learn about the company and have a face-to-face interview on the spot! See attached flier "PCFA" for more information.
- University of Pennsylvania's graduate programs, summer programs and PREP program for those that are interested:
 - Biomedical Graduate Studies consists of seven graduate groups: Biochemistry & Molecular Biophysics, Cell & Molecular Biology, Epidemiology & Biostatistics, Genomics & Computational Biology, Immunology, Neuroscience, and Pharmacology. Students may apply to one of the graduate groups in BGS via online application. The deadline for Fall 2016 enrollment is December 2nd, 2015. Details about the application process are available by clicking here: http://www.med.upenn.edu/bgs/applicants_phd.shtml. THE \$80 APPLICATION FEE WILL BE WAIVED for all applicants who participate in the McNair, MARC, MBRS-RISE, NIH PREP, or Leadership Alliance programs. To request a waiver, please email Aislinn Wallace, Admissions Coordinator, at aislinnw@mail.med.upenn.edu prior to submitting your application.
 - Students continuing their undergraduate studies through Fall 2016 may be interested in the Summer Undergraduate Internship Program (SUIP), a ten-week, intensive research experience designed for students interested in graduate study in the

biomedical sciences. Click here for more information: <http://www.med.upenn.edu/suip/>

○ Students wishing to take 1-2 years between college and graduate school may apply to the Post-Baccalaureate Research Education Program (PennPREP), which also provides research experience, health benefits, a competitive stipend, and an opportunity to take graduate coursework. Click here for more information: <http://www.med.upenn.edu/prep/>

- The US NAVY offers competitive scholarships for medical and dental school, including tuition, books, and a stipend. See attached fliers “Dental School” and “Medical School” for more information.

Have a great week, everyone!



If your department or student organization has a program, event or opportunity you would like us to include in an upcoming bulletin, please email a description to timschroeder@unm.edu.

IMPORTANT RESOURCES AND LINKS

[“STEM in the News” on Twitter](#)

[Upcoming free STEM summer events](#)

[Undergraduate research opportunities at UNM](#)

[The STEM Collaborative on Facebook](#)