



June 8 2016

Bulletin In Brief (read more below)...

- Can Chocolate Make History? Science & Serendipity: The Recovery of Cacao in Chaco Canyon
- Science and Art Meet in Free Summer Photography Workshops!
- Cutting Edge Sustainability: UNM at Los Alamos - Free Day Trip!
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Undergraduate STEM Meetings, Scholarships, Grants, and Job Opportunities



Can Chocolate Make History?
Science and Serendipity: The Recovery of Cacao in Chaco Canyon

Interested in Southwestern archaeology or anthropology? Curious about the scientific method or chocolate? Join us for a FREE research talk from Dr. Patricia Crown, UNM's Distinguished Professor of Anthropology, and a hands-on seriation exercise.

Stick around after the talk for hands-on practice conducting a seriation exercise, which is a method archaeologists use to date recovered artifacts. During this activity, you'll learn how to match frequencies of particular cacao artifacts in order to generate curves that indicate the artifacts' time period of origin. This is a great introduction to archaeological practices in the lab, especially if you haven't been able to take that intro anthro class yet!

Save your spot here: <http://stemuniversity.unm.edu/courselist/register/57>



Science and Art Meet in Free Summer Photography Workshops!

History and Processes of Photography at UNM Art Museum - Fri June 17th

The UNM Art Museum permanent photography collection is home to over 10,000 photographs that span the history of medium. The collection is one of the largest of its kind in the country and certainly the largest in New Mexico. During this trip to the UNM Print Study Room, we will look at original photographs that represent photography's connection to scientific inquiry and discovery. We will explore how photography was used to capture scientific evidence and discuss its relationship to chemistry, physical science, optical science, and more.

Save your spot by June 16th: <http://stemuniversity.unm.edu/courselist/register/66>

Cyanotype Workshop - Fri June 24th

Cyanotype is a photographic alternative photographic process known for its vibrant cyan coloration. The process was invented in 1842 by John Herschel, an astronomer who wanted to use the process to copy his notes. The process was then popularized by Anna Atkins who used the cyanotype to document plants. Cyanotypes use light sensitive salts instead of silver to produce an image and are sometimes referred to as blue prints. The process is still used today often in photographic proofing, while modern transparencies have made an old process contemporary. [Michael Gomez](#) will guide students through the Cyanotyping process. This workshop will provide students with a background in the chemistry involved with the photographic process as well as an understanding and appreciation for the medium.

Save your spot by June 23rd: <http://stemuniversity.unm.edu/courselist/register/66>

Tintype Workshop - Sat June 25th

Tintype is a photographic process involving a direct positive on a thin sheet of metal. The process dates back to the 1850's. Tintype made photography more accessible to the general public by being much quicker and easier to use than the Daguerreotype. Tintype cleared the way for street photography and was the primary tool used to document the American Civil War. [Aziza Murray](#) will be teaching the workshop. Murray is a recent graduate of UNM's MFA photography program, and creates Tintypes from her Instagram feed.

Save your spot by June 23rd: <http://stemuniversity.unm.edu/courselist/register/67>



Cutting Edge Sustainability: UNM at Los Alamos - Free Day Trip!

At the New Mexico Consortium Lab in Los Alamos, UNM researchers are exploring new technologies to shape a better world. Included in their research: sustainable energy production through biofuels, global food security, climate change, bio-analytical techniques, novel materials and exascale computing.

Join us on Friday, July 15th as we tour the Bio Lab and the PROBE Computing Center to learn more about their exciting research! Transportation and lunch will be provided free.

Save your spot by July 4th: <http://stemuniversity.unm.edu/courselist/register/73>



El Puente Fellows Program Now Accepting Applications!

The El Centro de la Raza- El Puente Fellows Program is now accepting applications. This is a one year undergraduate research opportunity for students from ALL majors (primarily targeting students who will be Sophomores in Fall 2016). Students do not need to have prior research experience.

Review the details

here: <http://elcentro.unm.edu/programs/El%20Puente%20Fellows%20Program/index.html>

Please direct your questions to Dayra Fallad Gutierrez at [505-277-5020](tel:505-277-5020).

The University of New Mexico
STEAM-H Career Exploration Extravaganza
June 10, 11 & 12, 2016

Calling All Volunteers for the 2nd Annual STEAM-H Extravaganza

You are invited to be a part of the change you wish to see in our world. Help us make this STEAM-H event a reality - so the aspiring young minds of our state have the opportunity to stay on campus and learn about science, technology, engineering, art, math and health through this hands-on and high energy

program!

June 10-12, 2016 at UNM, coordinated by the Office for Diversity at UNM Health Sciences Center

In order to serve and support the 1000+ New Mexican youth from 5th-12th Grade who will be convening at UNM - we estimate that 200 volunteers are needed to facilitate this inspiring and transformational weekend.

- Sign up for shifts at Main Campus or Health Science Center during the event, and be sure to choose one of the pre-event volunteer days that will provide an orientation while also preparing materials for the weekend. From assisting with behind the scenes logistics, to mentoring groups of youth - consider sharing some of your time and talent with these young people!

Sign up online to volunteer at: <http://tinyurl.com/steamh2016>

Undergraduate STEM Meetings, Scholarships, Grants, and Opportunities

- Kaplan offers 250 full-tuition PCAT course scholarships for qualified students with documented financial need (min. GPA 2.75, EFC < 4000). Pre-pharmacy students should apply through The Starting Line (<http://www.kaplanpartnerships.com/thestartinglineapply>), Kaplan's tuition assistance program.

- The Center for Earth Ethics is looking for student intern organizers for the upcoming academic year. Learn more about the program here: <http://www.centerforearthethics.org/student-organizing>

- The Center for Native American Health is seeking a highly-motivated student employee to fill the position of Program Assistant. The Program Assistant is responsible for directing and organizing project activities, under the direction of a Project Manager/Principal Investigator. Review the application here: unmjobs.unm.edu/applicants/Central?quickFind=87470

-There is an engineering student trainee job announcement with the U.S. Army Corps of Engineers. Learn more here: <https://www.usajobs.gov/GetJob/ViewDetails/440148500/>

To be added to this listserve and stay up-to-date with upcoming events, go to UNM listserv management at <http://it.unm.edu/email/listsSignup.html> and type "UNM_STEM-L" under "list name."

You may leave this list at any time by sending an email to LISTSERV@unm.edu with "UNSUBSCRIBE UNM_STEM-L" in the message (not the subject line).

[Stay Connected with the STEM Collaborative](#)

The UNM STEM Collaborative Center partners with many student and academic programs on campus. Click [here](#) to see a list of our partners.

The STEM Collaborative Center is funded through a U.S. Department of Education Title V grant through 2019 (total anticipated funding \$2.6 million).

To learn more about the STCC, contact Director Tim Schroeder at [505-277-1761](tel:505-277-1761) or timschroeder@unm.edu.