

CBE Undergraduate InfoBlast Emails - Series 11

Sarah E. Dominguez

Mon 6/11/2018 9:32 AM

To: CHE_Undergrad-L@list.unm.edu <CHE_Undergrad-L@list.unm.edu>; CHE_PREMAJOR-L@list.unm.edu <CHE_PREMAJOR-L@list.unm.edu>;

2 attachments (3 MB)

STEM Summer Events.pdf; CIA Career Days.pdf;

Please see the following website to view a previous InfoBlast Email Series:

<https://cbe.unm.edu/students/undergraduate/infoblast-email-archive.html>

EVENTS:

STEM Summer Events - STEM Collaborative Center

Events happen all summer long: June 7 - August 18

To Register go to: <https://stemuniversity.unm.edu>

Spend your summer furthering your understanding and experience of STEM degrees and careers.

FREE events and projects for UNM students!

UNM Career Services Events:

CIA Career Days

June 12-13. Please see the attached flyer. If you have questions, feel free to contact UNM Career Services directly at 505-277-2531.

GRADUATE SCHOOL:

MIT ACCESS Program

Applications Due: July 31, 2018

The MIT ACCESS Program is a weekend-long symposium aimed to expose underrepresented minority students to the benefits of a graduate education in the aforementioned research areas. This 10th annual event, taking place on MIT's campus October 12th and October 13th, is an interactive and informative symposium that has proven to have a lasting impact on its past participants. All travel expenses, meals and hotel accommodations for students selected to participate in the ACCESS program will be paid by the MIT ACCESS Program. Participation neither obligates the student to apply for graduate study nor guarantees future consideration for study at MIT. For more information please visit <http://access.mit.edu/> or email mit-access@mit.edu.

SCHOOL OF ENGINEERING ANNOUNCEMENTS:



Quick takes

News you need to know from the dean of the School of Engineering

For the week of June 11:

[UNM's Solar Splash team takes home multiple awards at international competition](#)

[\\$6.7 million agreement with AFRL to focus on manufacturing of the future](#)

[Formula SAE team is tested and ready for competition](#)

[Registration now open for international engineering deans conference coming to Albuquerque](#)

Do you have exciting news to share about significant research or awards? Tell us about it! Contact Kim Delker, Marketing Manager, at ksdelker@unm.edu.

Sarah E. Domínguez

Program Advisement Coordinator

Chemical & Biological Engineering - Graduate, BSCHE, Pre-Chemical Engineering Students

Nuclear Engineering - Pre-Nuclear Engineering Students

University of New Mexico - MSC01 1120

Farris Engineering Center (FEC), Suite 1300

505-277-5606

505-277-5433 (fax)

skielyk@unm.edu



OUT OF THE OFFICE: June 28, 29

UNM CLOSED: July 4, Sept. 3, Nov. 22-23, Dec. 21-Jan. 1

STEM

SUMMER



Spend your **summer** furthering your understanding and experience of STEM degrees and careers. FREE events and projects for UNM students!



Science in the Outdoors: Sevilleta National Wildlife Refuge

Thursday, June 7

A field trip to the Sevilleta National Wildlife Refuge to learn about the UNM Biology Department's Sevilleta Long Term Ecological Research Program.



Tour Albuquerque's Southside Wastewater Reclamation Plant

Friday, June 15

The SWRP treats approximately 55 million gallons per day, and is the largest wastewater treatment facility in New Mexico.



Realm of the Universe: A View through the UNM Observatory

Tuesday, June 19

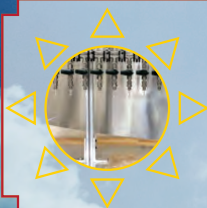
Experience a glimpse into the unfolding universe through the lens of UNM's Campus Observatory.



Light & Colors: Simulating the Optical Properties of Nanoparticles

Thursday, June 21

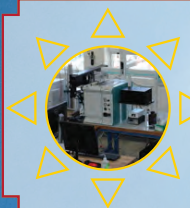
The understanding of the interactions of light nanoscale matter is crucial for the development of nanotechnology.



Center for Stable Isotopes: Engaging in Analysis

Wednesday, June 20

Students will view the process of analysis through state-of-the-art technology utilized in UNM's Center for Stable Isotopes.



You Are What You Eat! What Stable Isotopes Reveal About Your Diet

Wednesday, June 27 and Thursday, June 28

Students will participate in a hands-on activities to learn about the role that stable isotopes play in research, forensics, nutrition, health issues, etc.



Capturing Phenomena in the Cosmos: Tour the Very Large Array

Friday, July 13

Students will participate in a prep session, led by Dr. Patricia Henning, and take a field trip to the Very Large Array.



Kasha-Katuwe Tent Rocks National Monument

Monday, July 16 and Wednesday, July 18

Students will hike the Canyon View Trail to examine ancient ash deposits, and the tent-like "hoodoos" (formed due to the different erosion rates of the rock materials.)



Identifying and Photographing Fossils in the Bisti Badlands

Thursday, July 26 through Saturday, July 28

This overnight camping trip will introduce students to foundational concepts in paleontology and photographic composition.



Swarm & Aerial Robotics: Learn to Command Swarms

Friday, July 27

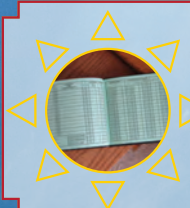
Students will work with terrestrial/swarm robots - kamigami robots, and tour the Multi-Agent, Robotics, and Heterogeneous Systems Lab.



Mentor New Freshmen at Discover Your Science Festival

Saturday, August 18

We have more than 150 incoming Freshmen coming to UNM for a day filled with fun STEM activities. It's a great opportunity to recruit freshmen into your student organization.



Undergraduate Research 101

Coming this Summer!

Learn tools required to investigate your original questions, solve problems, or make a creative contribution to your discipline or field of study.

To register for these free events, visit:
stemuniversity.unm.edu



Undergraduate students can register for these and more **FREE STEM SUMMER** activities at <http://stemuniversity.unm.edu> - trips to Bisti, Tent Rocks, VLA & Zuni-Bandera Volcanic Fields, research workshops, mentoring opportunities, fractal shows, nanoparticles, robotics, biomedical engineering...

RESEARCH 101 WORKSHOPS

Finding Research Experiences for your
Already Busy Schedule

Thursday, June 14, 2018, 11 AM - 1 PM

stemuniversity.unm.edu

TOUR ALBUQUERQUE'S Southside Wastewater RECLAMATION PLANT

Friday, June 15th, 7:45am - 12 Noon

Register by June 11th at

stemuniversity.unm.edu

REALM OF THE UNIVERSE

a view through the UNM Campus Observatory

June 19, 7:30-10:30 pm

stemuniversity.unm.edu

Center for Stable Isotopes: Engaging in Analysis

Wednesday, June 20, 2 - 4 pm

Students will view the process of analysis through state-of-the-art technology utilized in UNM's Center for Stable Isotopes.

stemuniversity.unm.edu

Light & Colors

Simulating the Optical
Properties of Nanoparticles

Learn how light interacts with small
objects or nanoscale matter crucial for
the development of nanotechnology.

Thursday, June 21, from 12:30 - 5 pm

Regener Hall, Rm 118 (bidg. 35 on campus map)

Register by June 17 at

stemuniversity.unm.edu



UNM STEM COLLABORATIVE CENTER

You Are What You Eat: What Stable Isotopes Reveal About Your Diet

UNM Center for Stable Isotopes

Prep Session: Wednesday, June 27, 5-6 pm

Analysis in the Lab: Thursday, June 28, 1-3 pm

CIA Career Days

Tuesday, June 12

Information Table

2 am-4 pm

SUB Ground Floor

Wednesday, June 13

Information Table

12 pm-2 pm

SUB Ground Floor

Information Session

2:30 pm-3:30 pm

Career Services Conference Room 220



**CAREER
SERVICES**

career.unm.edu

505-277-2531

Interested in applying?

Applicant must:

- Apply online at www.cia.gov/careers
- Be a U.S. Citizen
- Relocate to Washington, DC area
- Successfully complete requisite medical and security processing

*When applying use event code 5447



Opening doors and promoting diversity in science and engineering

sponsored by MIT Chemistry, Chemical Engineering, and Materials Science and Engineering

ACCESS is a weekend of engaging events intended to introduce talented under-represented minority undergraduate students (sophomores, juniors and seniors) to the benefits of a graduate education in science and engineering and related career opportunities.

PROGRAM HIGHLIGHTS

What goes on behind closed doors?

A glimpse into the graduate admissions process from faculty and student perspectives

A day in the life of a science and engineering graduate student

Interactive lab tours

Research 101 workshop

Discovering the research process with current graduate students

Two minute drills

Practice communication and presentation skills with feedback from MIT faculty

Oh the places we will go!

Explore Boston on a Duck Tour, dine on Newbury Street and experience this dynamic college town

Fall 2018 Program Dates: October 11-14, 2018
Applications for the Fall 2018 Program are due July 31, 2018.

<http://access.mit.edu/>