



OCTOBER 2014



# @ the Bradbury

Special News & Events



## High-Tech Halloween is coming!

The highly anticipated return of one of our most popular annual events is finally here! If you haven't experienced this yet, you need to add the museum to your child's trick or treat route this year. The Bradbury runs High-Tech Halloween in conjunction with Los Alamos County's 'Trick or Treat on MainStreet' activities on Friday, October 24 from 4:00 PM to 6:30 PM. This event never fails to live up to its promise of offering kids unique science learning opportunities in a spooky and entertaining way. Show up in your costumes to take part in cryogenics, sound, robotics and nuclear fission demonstrations.



Then journey through our adventure tunnels to see expertly carved jack-o-lanterns and creepy, crawly critters like snakes, spiders and lizards. This is an event your little ones will surely not want to miss!

### Save the Date!

**OCT 4-12** Albuquerque International Balloon Fiesta

**OCT 16** Science On Tap  
5:30 PM to 7:00 PM  
@ Manhattan Project Restaurant  
1789 Central Avenue  
Los Alamos, NM

**OCT 20-24** National Nuclear Science Week  
Visit the museum and learn about nuclear science.

**OCT 22** Brown Bag Lecture: Environmental Stewardship  
Noon to 1:00 PM  
Reporting on the past; Planning for the future

**OCT 24** High-Tech Halloween  
4:00 PM to 6:30 PM  
Featuring science adventures, brain ticklers, jack-o-lanterns, and live critters.

# BROWN BAG @ the Bradbury

## Environmental Stewardship: Reporting on the Past; Planning for the Future



Do you ever wonder how well, exactly, Los Alamos National Laboratory is protecting the environment? In this talk, Sam Loftin and Lorrie Bonds Lopez will provide the results of site-wide surveillance and progress toward far-reaching environmental challenges to which the Laboratory is committed. Each year, it produces the *Annual Site Wide Environmental Report*. This report informs the public of the Lab's achievement of environmental stewardship by characterizing site environmental management performance, including effluent releases, environmental monitoring and estimated radiological doses to the public; confirming compliance with environmental standards and requirements; and highlighting significant programs and efforts.

Additionally, the Laboratory is committed to a *Long-Term Strategy for Environmental Stewardship and Sustainability*. Aiming for zero waste, zero emissions and zero unplanned releases to the environment, in addition to lowering its energy and water use in collaboration with the surrounding community, the Strategy provides impetus to make progress on significant technical issues and to think outside normal limits.

Admission to this lecture is free and open to the public. Bring your lunch and join us for this special talk.

**Sam Loftin**

*Environmental Services*

**Lorrie Bonds Lopez**

*Communications & Outreach  
Los Alamos National Laboratory*

Wednesday  
October 22

Noon to 1:00 PM

Bradbury Science  
Museum Auditorium

# Scenes From Our Newest Exhibit Grand Opening

*More than 400 people visited the museum on Wednesday, September 17, to celebrate the opening of our newest exhibit on Environmental Research and Monitoring at Los Alamos National Laboratory. This brand-new exhibit highlights the extensive work being done to study and protect the Laboratory's historic archaeological sites, its local wildlife, and fragile ecosystems. Thank you to all of our staff and partners who worked tirelessly for over a year to make the dream of this exhibit a reality.*



## SCIENCE ON TAP

Be sure not to miss the next installment of "Science on Tap" on Thursday, October 16, at the Manhattan Project restaurant in downtown Los Alamos.

Hunter McDaniel, a Los Alamos National Laboratory postdoc researcher, will talk about next-generation Quantum Dots and how they could revolutionize solar cell technology. Solar cells made with these new low-cost, nontoxic copper-based quantum dots can achieve unprecedented longevity and efficiency, according to a study by Los Alamos National Laboratory and Sharp Corporation. "On Tap" happens every Thursday evening starting at 5:30 PM, with science featured on the third Thursday of every month. Other weeks include topics on nature, art, and history.

**SCIENCE ON TAP**  
at Manhattan Project

**OCT. 16 5:30 - 7:00pm**

15 minute talk and group discussion hosted by:  
**Bradbury Science Museum**

creative  
LOS ALAMOS

To subscribe to our monthly newsletter, visit the museum's website at:  
[www.lanl.gov/museum/events/events-mailing.shtml](http://www.lanl.gov/museum/events/events-mailing.shtml)

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Newsletter

# Mark Your Calendars!

# October 2014

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 Yom Kippur
					A	
5	6	7	8	9	10	11
					B	
12	13 Columbus Day	14	15	16 Science on Tap @ Downtown LA 5:30 to 7:00 PM	17	18
					A	
19	20	21	22	23	24	25
			Brown Bag Lecture: LANL Environmental Stewardship Noon to 1 PM		High-Tech Halloween 4:00 to 6:30 PM	
					B	
26	27	28	29	30	31 Halloween	
					A	

\*Albuquerque International Balloon Fiesta (Oct. 4-12)

\*National Nuclear Science Week (Oct. 20-24)

## About the Museum

Bradbury Science Museum is located at 1350 Central Avenue in downtown Los Alamos, New Mexico. Approximately 40 interactive exhibits trace the history of the WWII Manhattan Project, highlight Los Alamos National Laboratory’s current and historic research projects related to defense and technology, and focus on Laboratory research related to energy, environment, infrastructure, health and global security concerns.



**Hours: Tuesday – Saturday: 10:00 AM to 5:00 PM, Sunday & Monday: 1:00 PM to 5:00 PM**



BRADBURY

