

NSD Outreach

Alan Poon

NSD Staff Meeting - 2020.01.28

NSD DEI Committee

- DEI: Diversity, Equity, and Inclusion
- Current membership:
 - Mark Bandstra
 - Heather Crawford
 - Tom Gallant
 - Ernst Sichtermann

Volunteering is good for you!



SPEAKING OF HEALTH | THURSDAY, MAY 18, 2017

Helping people, changing lives: The 6 health benefits of volunteering



1. Volunteering decreases the risk of depression.
2. Volunteering gives a sense of purpose and teaches valuable skills.
3. Volunteering helps people stay physically and mentally active.
4. Volunteering may reduce stress levels.
5. Volunteering may help you live longer.
6. Volunteering helps you meet others and develop new relationships.

Nuclear Science Day for Scouts

- History:
 - First event in 2011. We are celebrating our 10th anniversary this year.
 - It was the response from our Division to then director Paul Alivasatos' challenge to improve community relationships.
 - Each year, we invite ~240 Girl Scouts and BSA Scouts for a fun day of activities.
 - Recognized by the Scouting community: Partnership Award

Nuclear Science Day for Scouts

- History:
 - First event in 2011
 - 10th anniversary

Nuclear Sciences Receives Community Outreach Award From Scouts Organization

March 15, 2013

The Nuclear Science Division hosted its third annual Nuclear Science Day for Girl Scouts and Boy Scouts on March 2. NSD was able to accommodate nearly 200 of the 730 scouts who signed up. To honor the Division's efforts to spark interest in STEM subjects, the Boy Scouts of America's Mount Diablo Council recently presented them with a Community Partnership Award. This year's Nuclear Science Day was a partnership between NSD, the Advanced Light Source, and the Center for Science and Engineering Education.



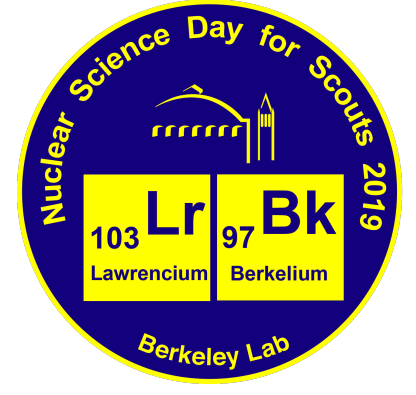
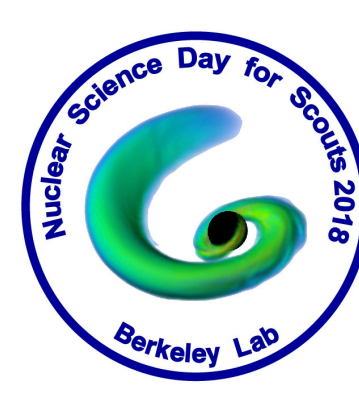
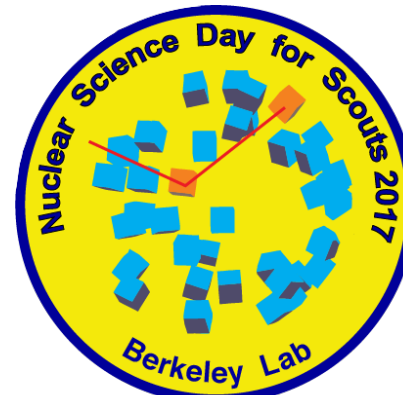
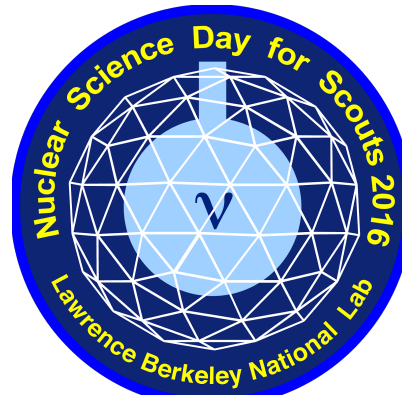
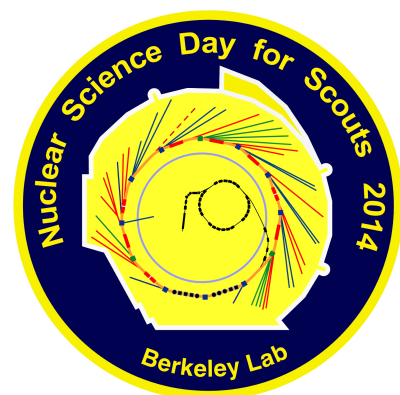
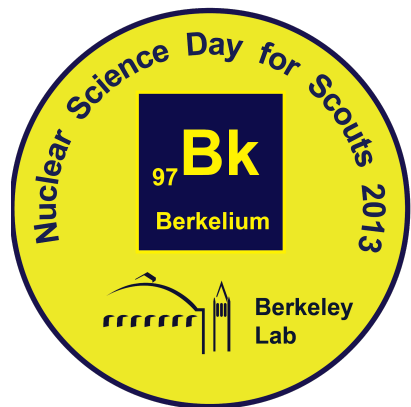
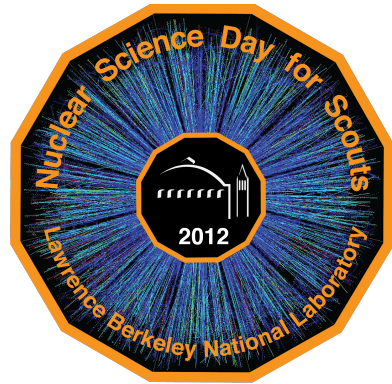
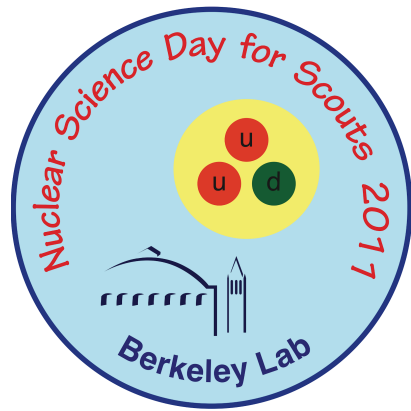
Community: Partnership

Nuclear Science Day for Scouts 2020

- Date: March 21, 2020
- Lectures, hands-on activities, tour of ALS
- Director Witherall to welcome participants
- Scout troop registration is open. Info at the event website:
<http://NuclearScienceDay.lbl.gov>
- **We need Volunteers!** All volunteers will get a Berkeley Lab “Ambassador” T-shirt. Those volunteering for the full day will get a free lunch as well. Volunteer registration form at the event website.
- Spread the news!

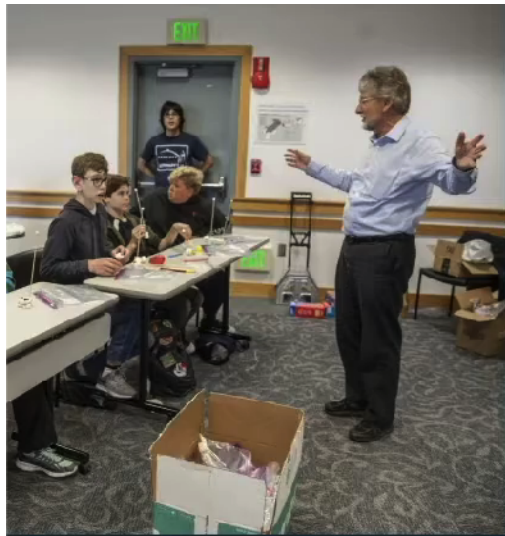


Nuclear Science Day for Scouts 2020



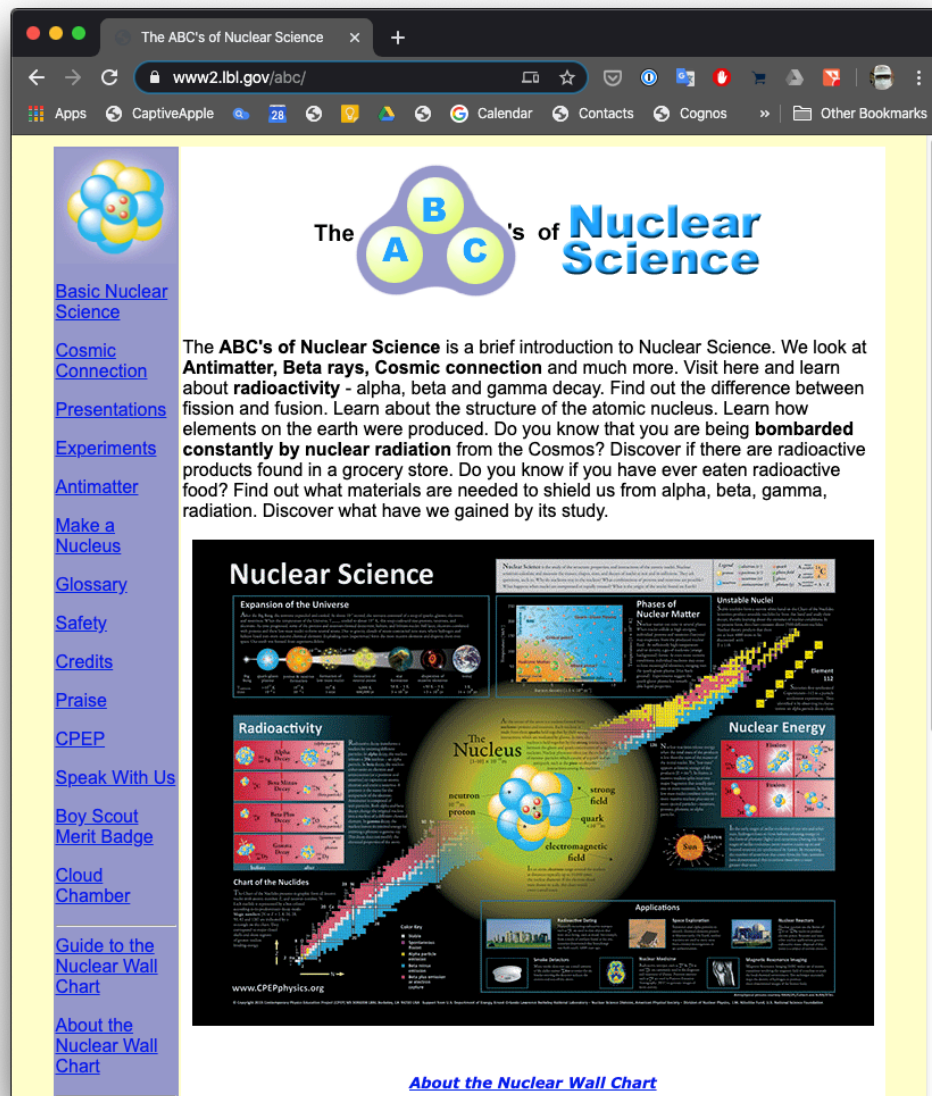
Event patch design contest

- Winning design will be made into patches that will be distributed to all participants
- Winner will secure 10 slots for his/her troop at the event
- Winner will win a full set of event patches since the inaugural event.

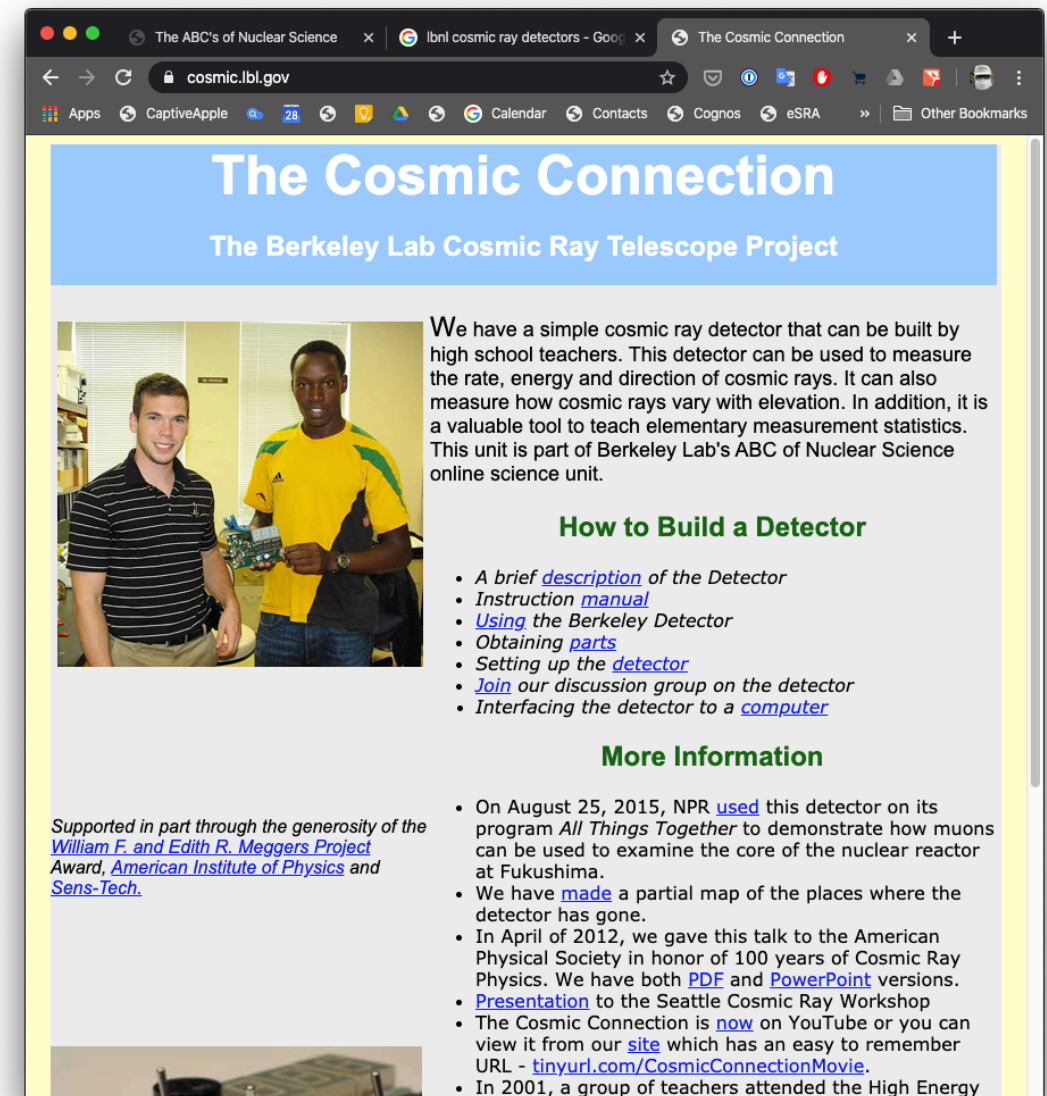


[https://youtu.be/ 6qTQ9MSQvg](https://youtu.be/6qTQ9MSQvg)

Other NSD outreach resources



<http://abc.lbl.gov>



<http://cosmic.lbl.gov>

LBNL's Government & Community Relations office is collaborating with a local non-profit (**Community Resources for Science**) a program for postdocs to give school teachers science training sessions. For more info, contact Faith Duke.

... and **NSD "Masterclass"** in the works (James Mulligan)



2017 Excellence in Physics Education Award Recipient

Contemporary Physics Education Project (Howard Matis) Lawrence Berkeley National Laboratory

Citation:

"For leadership in providing educational materials on contemporary physics topics to students for over 25 years."



Background:

The Contemporary Physics Education Project (CPEP) is an organization of physicists and educators dedicated to create attractive and up-to-date materials that describe several subfields of physics. Since 2012, CPEP's president has been Howard S. Matis, Ph.D. Dr. Matis received his B.S. in physics from Rensselaer Polytechnic Institute (N.Y.) in 1970. He received both his M.S. and his Ph.D. in physics from The University of Chicago (Ill.), in 1971 and 1976, respectively, and completed his postdoctoral fellowship there in 1978, before joining the Los Alamos National Laboratory in New Mexico. In 1983, he joined the Lawrence Berkeley National Laboratory in Berkeley California. Dr. Matis's scientific research interests have included deep-inelastic electron scattering, rare muon decay, heavy ion physics, and detection of astrophysical neutrinos. A fellow of the American Physical Society (APS), Dr. Matis was a member of the APS Far West from 2007 to 2010, and was its chair in 2009. Dr. Matis began working with CPEP in 1998, serving as vice president for nuclear physics when his group produced the nuclear science poster.