



What's new in Fermilab news?

Lauren Biron
Fermilab Office of Communication
5/28/2020

First things first: bison



Fermilab in the fight against COVID-19



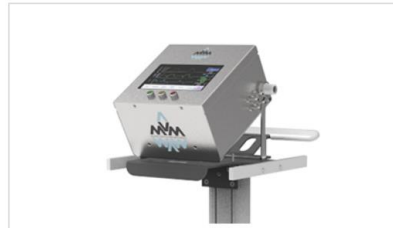
About

- Leadership and Organization
- Science
- Photo and Video Gallery
- Economic impact
- History
- Diversity
- Education
- Safety
- Sustainability and Environment
- Contact

Related Links

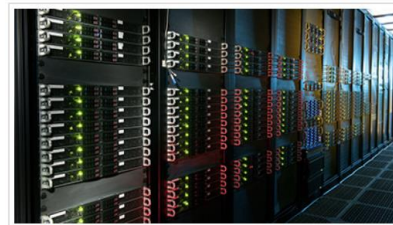
- [DOE](#)
- [FRA](#)
- [UChicago](#)
- [URA](#)

Fermilab is in the fight against COVID-19. Here's how our scientists, engineers, and computer professionals are helping.



MVM ventilator: Simplified ventilator designed by particle physics community gets FDA approval

More than a dozen Fermilab volunteers have helped design, test and finalize the Mechanical Ventilator Milano, a low-cost ventilator to help in the midst of device shortages caused by COVID-19. In a little over a month, a team of physicists and engineers from around the world took a simplified ventilator design from concept all the way through approval by the U.S. Food and Drug Administration. This major milestone marks the ventilator as safe for use in the United States under the FDA's Emergency Use Authorization, which helps support public health during a crisis.



Fighting COVID with computing: Fermilab, Brookhaven, Open Science Grid dedicate computational power to COVID-19 research

Scientists and engineers at Fermilab and Brookhaven National Laboratory are uniting with other organizations in the Open Science Grid to help fight COVID-19 by dedicating considerable computational power to researchers studying how they can help combat the virus-borne disease.



Serving society: Keenan Newton volunteers as Illinois

Particle physics at home

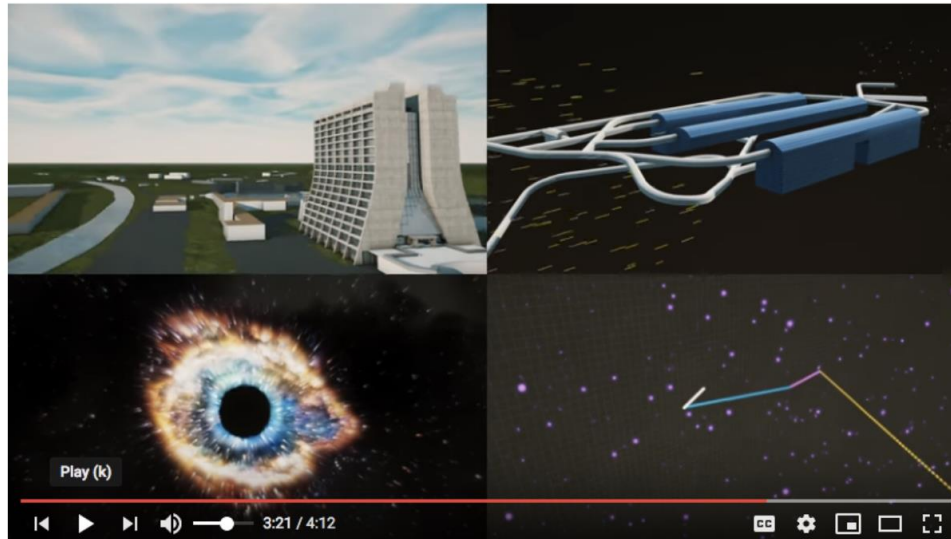
Fermilab YouTube playlists

Want to jump into particle physics? Check out [Fermilab's plentiful menu of playlists](#) and delve into the topic that tickles your fancy — quantum physics, cosmology, relativity and more.

This [playlist tackles some of the most intriguing topics](#) — from the size of our universe and the kinds of matter within it to tiny, mysterious particles and the experiments scientists build to study them.

Get a glimpse into the weird world of particle physics with this [selection of popular lectures presented to the public](#) at Fermilab.

Get started on our video series [Subatomic Stories](#), hosted by Fermilab scientist Don Lincoln at home.



Science education activities for young people

Take a virtual visit to our Lederman Science Center and [do a few science activities at home based on our exhibits](#), such as: Can you bend light? Can you build a LEGO accelerator? Can you play particle pinball?

Visit [Science Snippets](#), our growing selection of activities for learning science at home.

New video series



Subatomic Stories

7 videos • 3,908 views • Updated 6 days ago

Public ▼



Find out what makes the subatomic world so interesting with Subatomic Stories.



Fermilab

≡ SORT BY



Subatomic Stories: Antimatter

Fermilab



Subatomic Stories: Known subatomic forces

Fermilab



Subatomic Stories: Forces the Feynman way

Fermilab



Subatomic Stories: The amazing neutrino

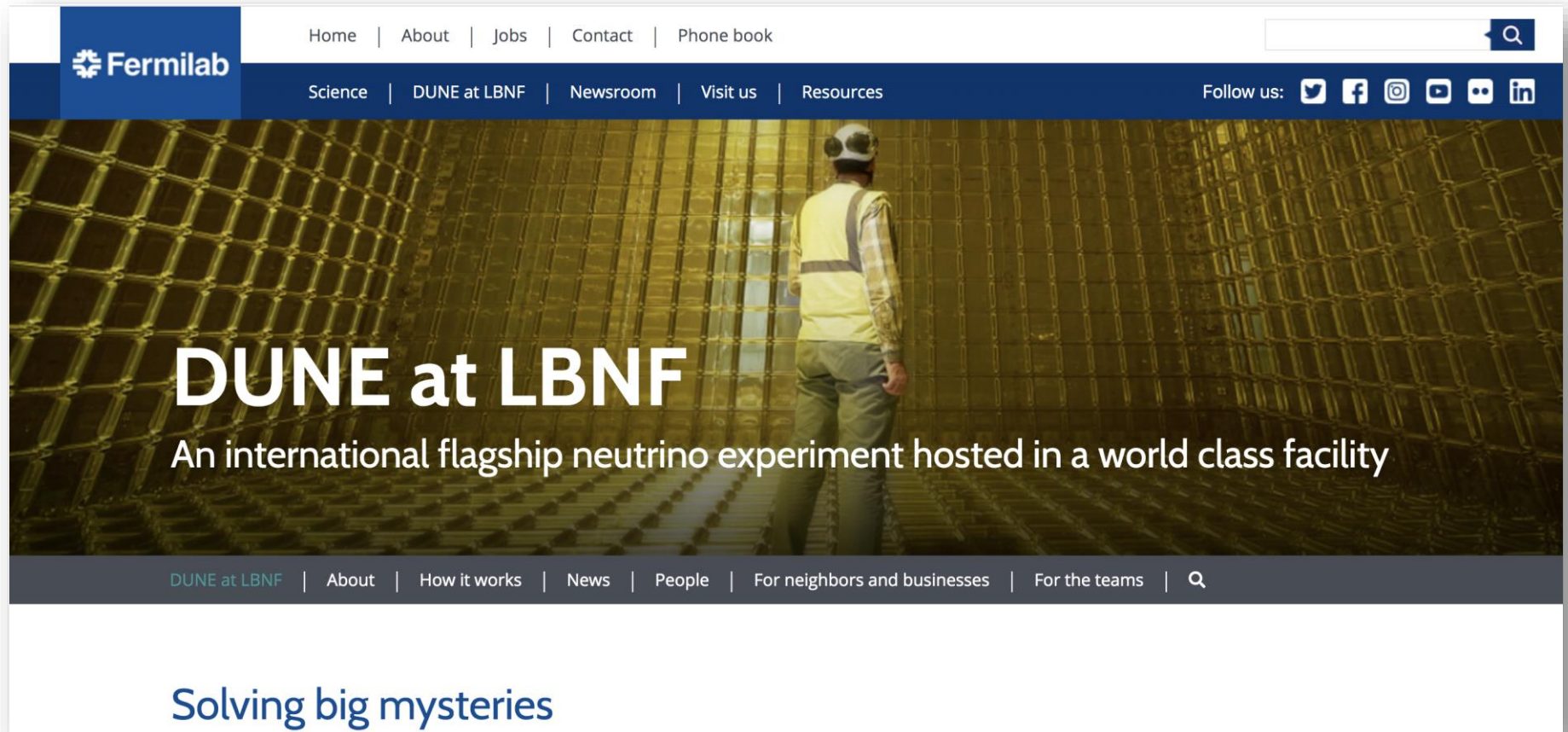
Fermilab



Subatomic Stories: Charged leptons

Fermilab

New DUNE at LBNF webpages



New photo galleries

Home

Search

Galleries

YouTube channel [↗](#)

Live streams

Media footage

Services offered (internal)

Order photos (internal)

Contact

Galleries

Browse our highlight galleries with selections of Fermilab's best photos, videos and graphics, and check out the [Fermilab YouTube channel](#). Please contact creativeservices@fnal.gov to ask for permission for use.



Best of Fermilab

The 'Best of' gallery shows media assets that best represent the activities that go on at Fermilab.



Bison

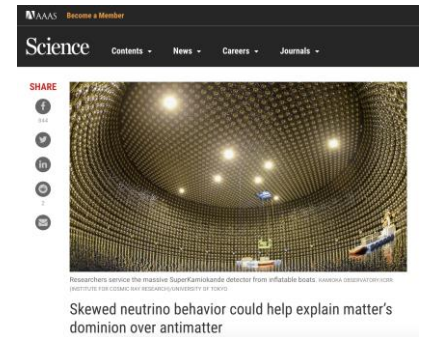
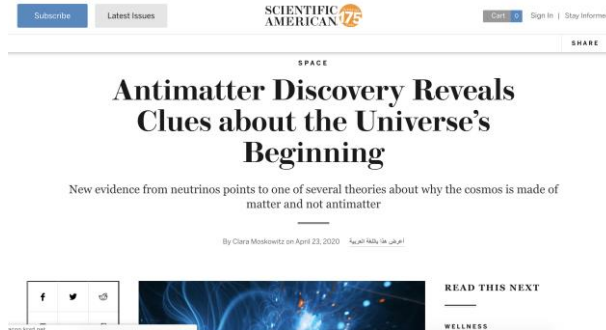
Fermilab's first director brought bison to the lab in 1969 as a symbol of the history of the Midwestern prairie and the laboratory's research at the frontiers of particle physics.



DUNE at LBNF

The Deep Underground Neutrino Experiment is an international flagship experiment to unlock the mysteries of neutrinos. It's powered by the infrastructure of the Long-Baseline Neutrino Facility.

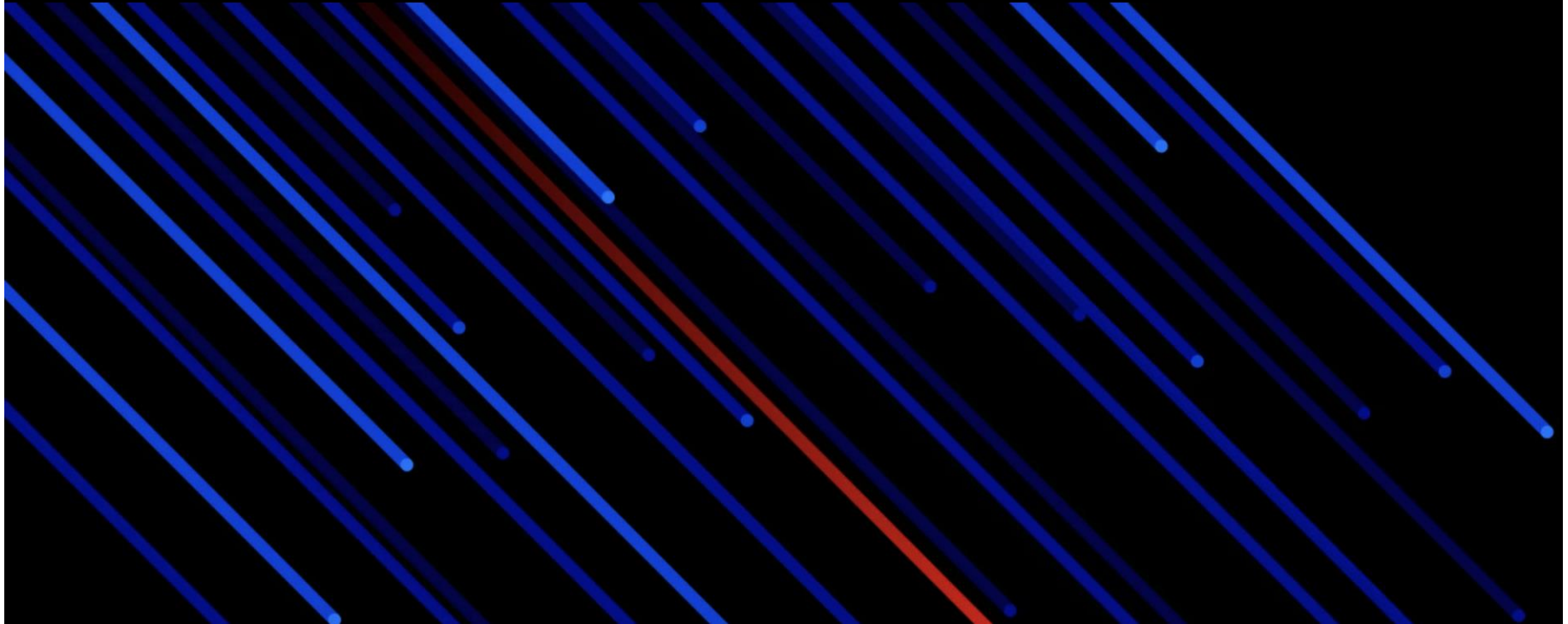
Fermilab and DUNE in big publications



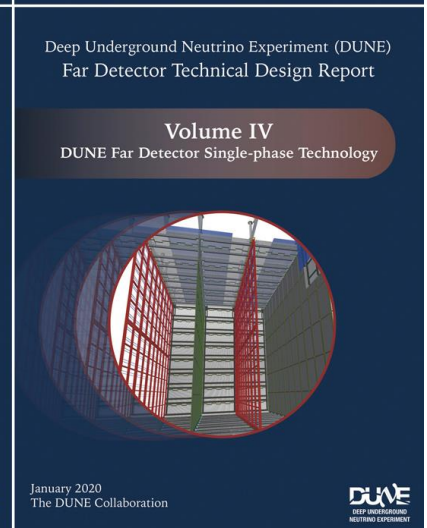
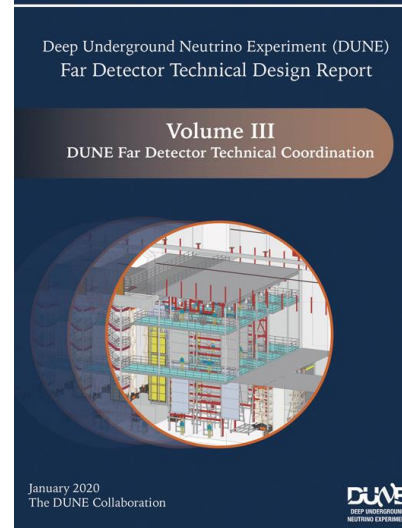
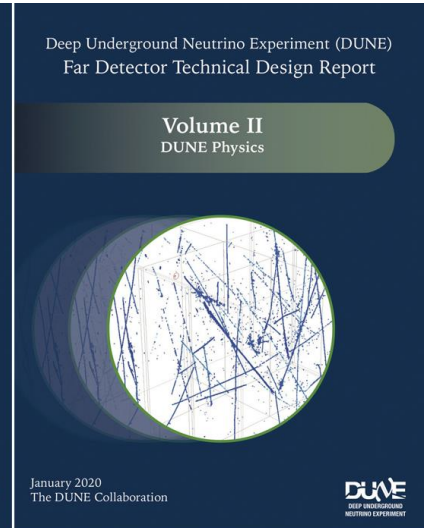
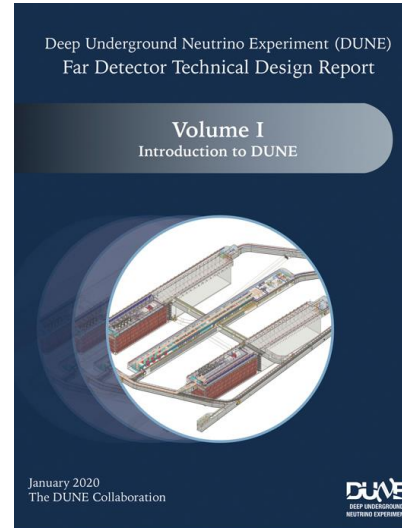
US neutrino program deep dive

PHYSICS

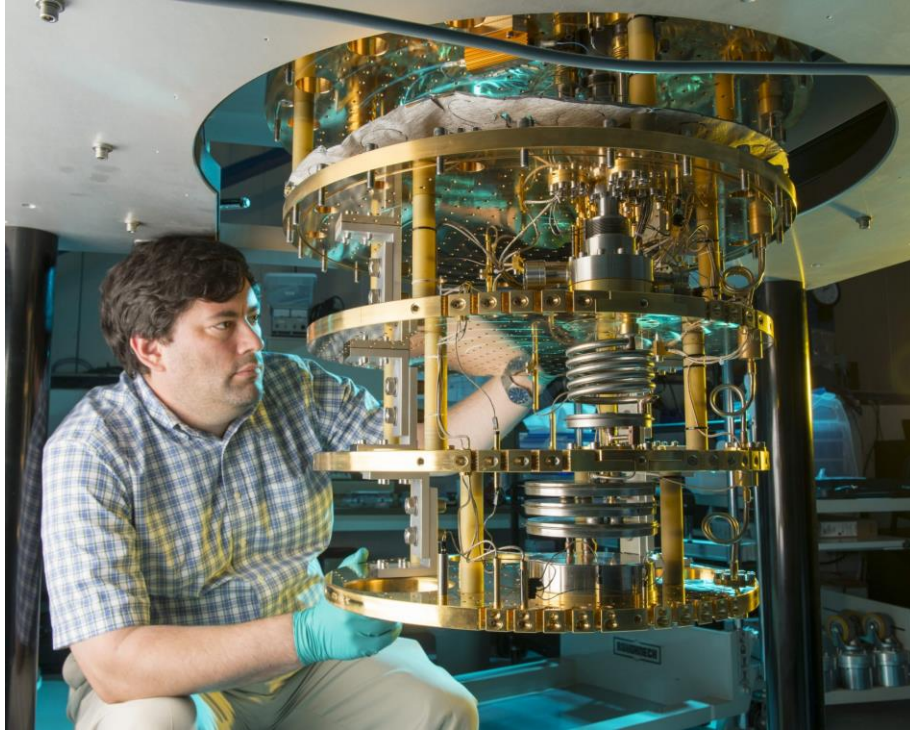
Why the U.S. Is Betting It All on the Most Puzzling Particle in the Universe



More DUNE news



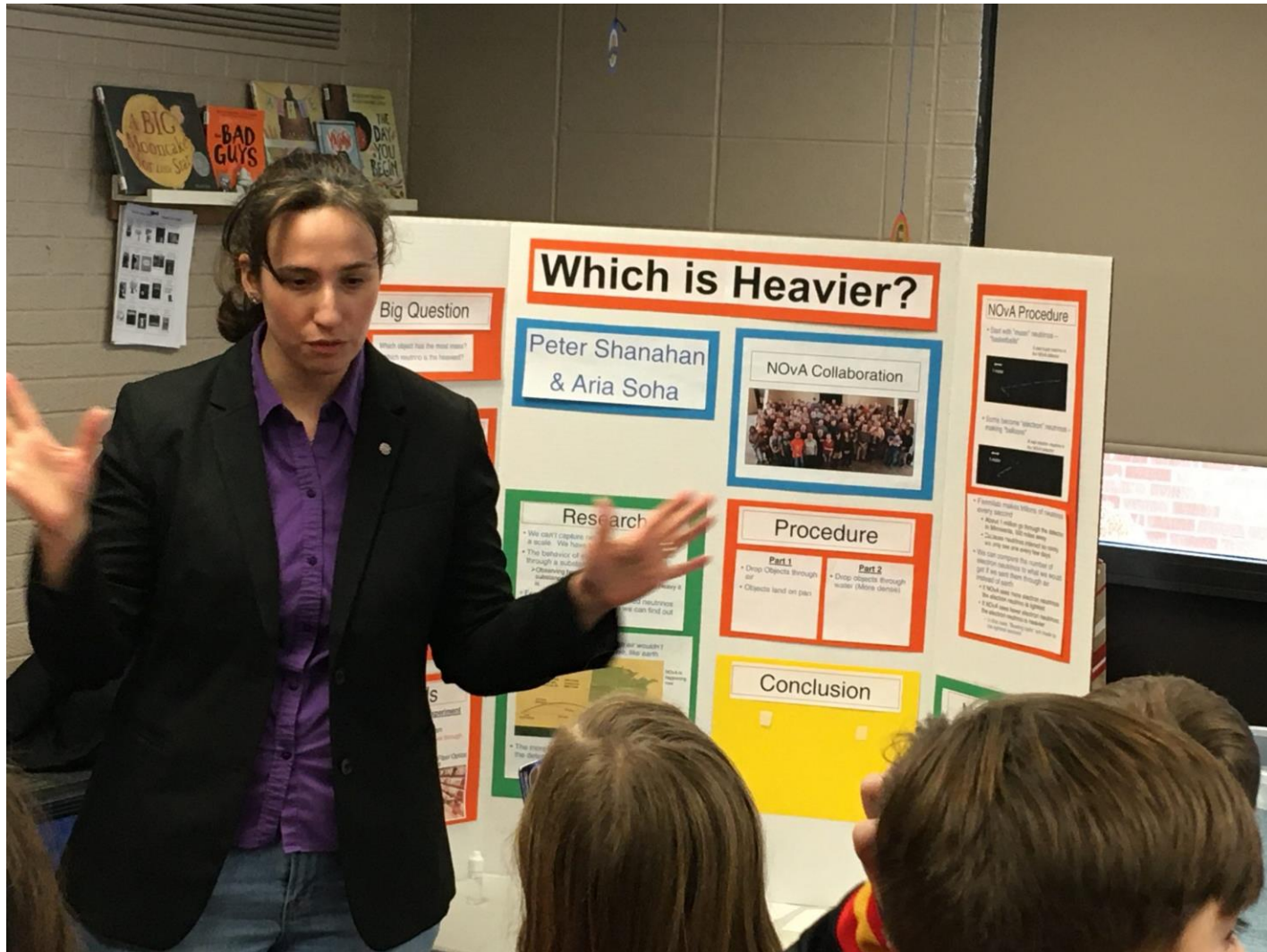
Setting records



March Magnets



Reverse science fair



Artists-in-residence

