

A Physicist Goes to Washington

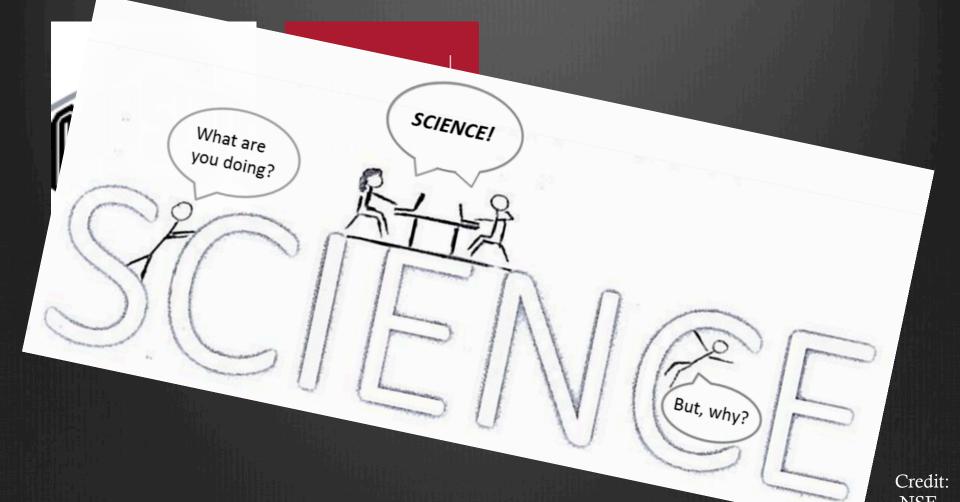
Gregory Mack, PhD
Government Relations Specialist

American Physical Society

Twitter: @GregDMackPhD



Ohio Wesleyan University



NSF

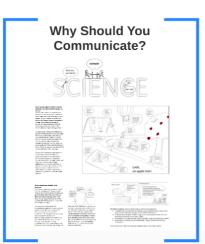


Ohio Wesleyan University



To zoom IN or OUT, click INSIDE or OUTSIDE a circle or bracket, on the floating buttons that appear on the right of the page, or use the mouse scroller.

How Do You Interact with NSF When You Have Something to Communicate? Metal communication chain - You construct your Public biofermation Officer (PICI) who contacts your NSF Office of Legislative and Public Affairs (OL PA) representative directly. - You simultaneously contact your NSF Program Director. Afternative communication chain - You would like to contact your NSF Program Director. A few examples of when no contact NSF - You would like to contact program Officer and NSF officer. - You would like NSF to publishly your press release on NSF's website. - You would like NSF to publishly your press release on NSF's website.



NSF, Science Communication, and You

What are NSF's Options for Communicating Your Research and Broader Impacts?



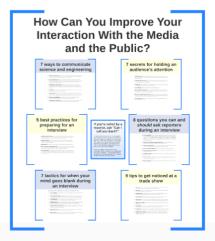
What Can You Communicate?

- Research results that are breaking news
- · Broader Impact activities and outcomes
- Research results that are not breaking news
- Other interesting aspects of you, your research, and your activities connected to your NSF funding

nsf.gov/about/congress/toolkit.jsp

Click the light gray rectangle in the gray bar to make it Fullscreen.
Click and drag to move around.
Click on the floating Home Icon on the right to zoom all the way out.

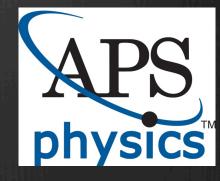






Ohio Wesleyan University





Manager 1988.

What do we need to do physics?

EDUCATION Equations

















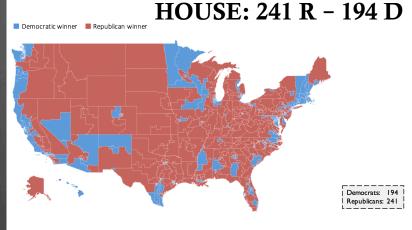
PhD Physicist: Rep. Bill Foster (D, IL-14)



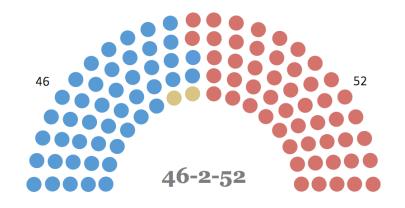
PhD Mathematician: Rep. Jerry McNerney (D, CA-9)



Composition of the 115th House

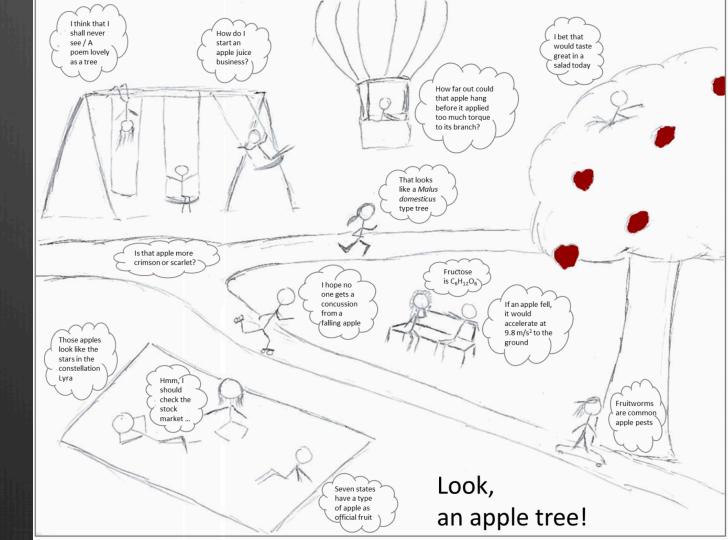


Control of the 115th Senate (2016-2018)

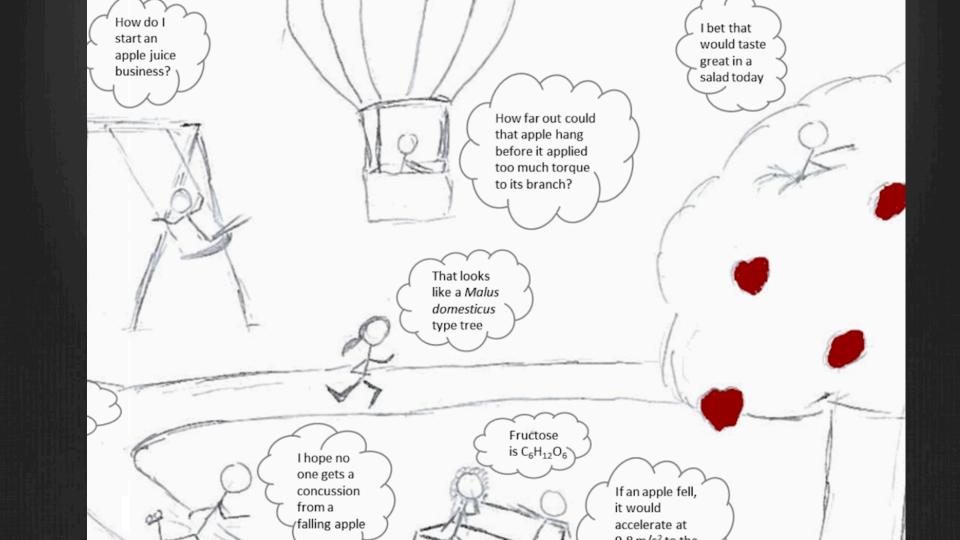


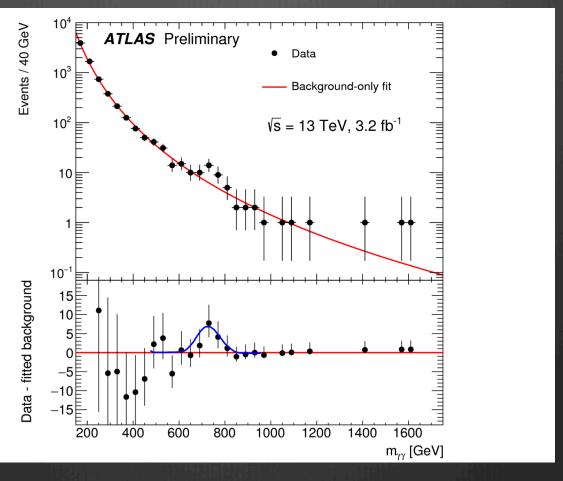
Republican Senate Majority

Not everyone thinks like you do ...



Credit: NSF





ATLAS Collaboration



APS Office of Public Affairs (OPA)

- Purpose: Connect physicists, the public, and the government on relevant issues for APS and the physics community
- Located near the White House and Capitol Hill



APS Office of Public Affairs (OPA)

Overseen by / interacts with 4 groups:

- Physics Policy Committee
- Panel on Public Affairs
- Education Policy Committee
- Industrial Policy Advisory Subcommittee





Research Funding

 Advocate for robust and reliable funding for science agencies



 Monitor and advocate on Authorization and Appropriations bills







Research Funding

 Advocate for robust and reliable funding for science agencies



 Monitor and advocate on Authorization and Appropriations bills



• APS does not pit physics against the other sciences





Commerce, Justice, and Science



Energy and Water





Labor, HHS, and Education

Interacting with Congress & Executive Branch Agencies

Comments on American Innovation and Competitiveness Act



APS Member Mobilization





Keep America strong through robust funding of scientific research

BY JESSICA O. WINTER, OPINION CONTRIBUTOR - 04/10/17 10:15 AM EDT

12 COMMENTS

1,878 SHARE



SHARE (1.9K)



TWEET

G+

PLUS ONE





APS Member Mobilization

"As details on the spending plan become clearer in the coming weeks, I urge Sen. Portman and other members of Congress to follow their earlier wise decision and provide the [DOE] Office of Science the support they have said it deserves.













Ask Senator
Portman to reject
the proposed cuts
to the DOE Office
of Science.



The Trump administration has proposed a dramatic 17% budget cut for the U.S. Department of Energy's Office of Science. Your Senator, Rob Portman, needs to hear from you that he should reject that plan.

Senator Portman has an influential role with the Trump Administration. Ohio State professor Jessica O. Winter has written an op-ed in The Hill that makes a strong case for federal investment in science. Winter, associate director of the Ohio State Physics-led Center for Emergent Materials, writes: "As details on the spending plan become clearer in the coming weeks, I urge Sen. Portman and other members of Congress to follow their earlier wise decision and provide the [DOE] Office of Science the support they have said it deserves." Read the op-ed here.

As an APS member in his state, please take a moment to contact his office to urge him to read Dr. Winter's op-ed. Current data suggests that tweets are the most effective method, followed by phone calls and emails.

Suggested tweet:

(Tweet by April 12 for maximum impact)

I live in Ohio & support federal research funding. @senrobportman please read Dr. Winter's op-ed http://go.aps.org/2nxVw8x #voice4physics

Phone:

Cincinnati: (513) 684-3265 Cleveland: (216) 522-7095 Columbus: (614) 469-6774 Toledo: (419) 259-3895

Washington, D.C.: (202) 224-3353

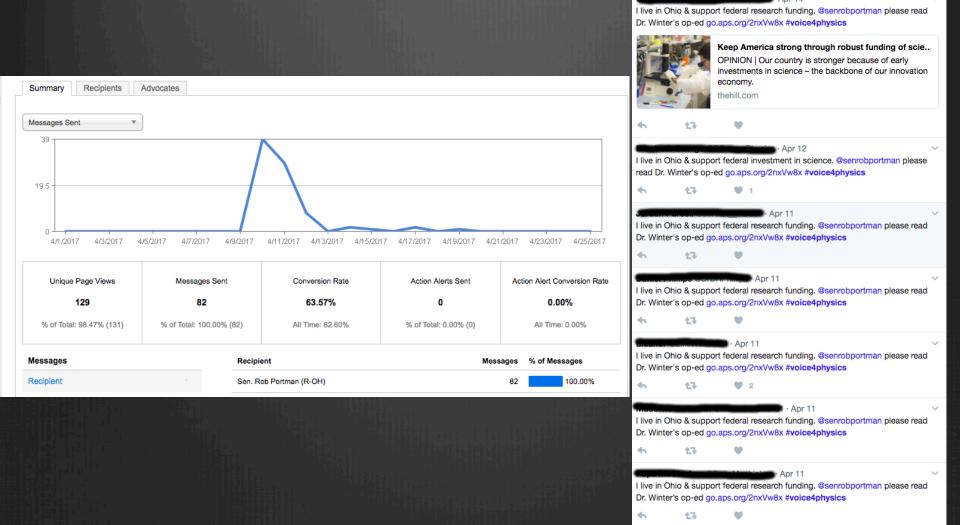
Tweet Now »

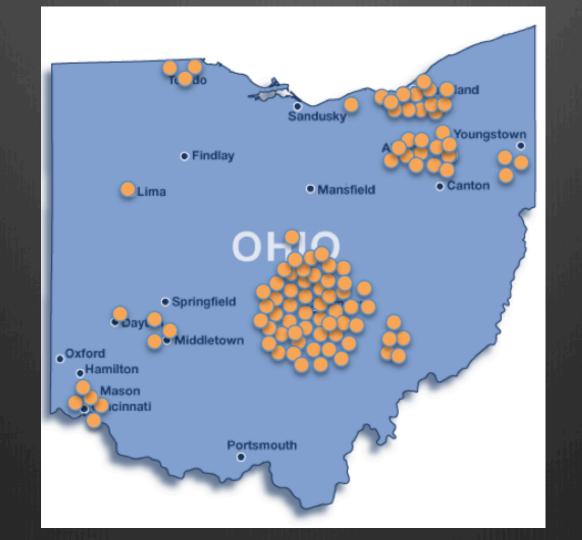
Email Senator Portman

Clicking the above button lets you quickly send a drafted email that I encourage you to personalize by **briefly** describing your own research/scientific activities in Ohio and why this issue matters to you.

If you have any questions or need clarification, please feel free to contact me directly. Your voice can help the physics community be a signal above the noise of competing interests on Capitol Hill.

Gregory Mack Government Relations Specialist, APS (202) 662-8709 mack@aps.org

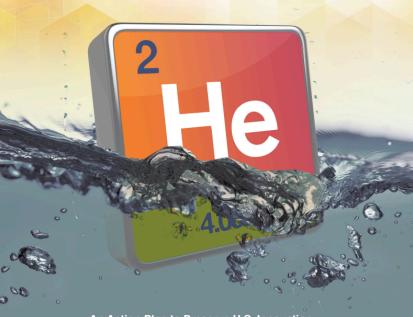






RESPONDING TO

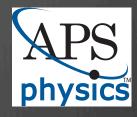
The U.S. Research Community's Liquid Helium Crisis



An Action Plan to Preserve U.S. Innovation

SSUED BY: American Physical Society, American Chemical Society, Materials Research Society

Representing more than 200 000 scientists, engineers, and impossfure worldwide

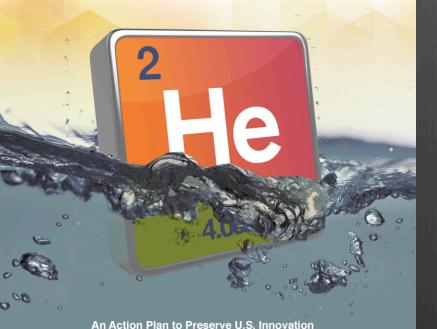






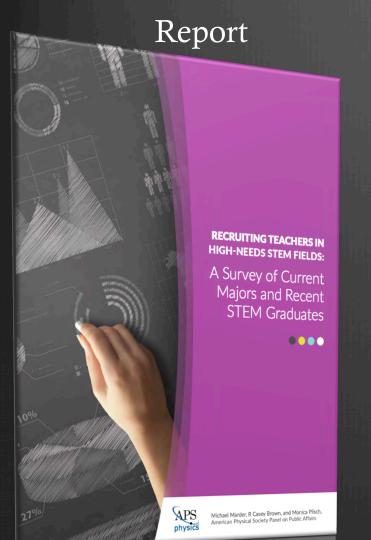
RESPONDING TO

The U.S. Research Community's Liquid Helium Crisis



Specific recommendations:

- White House Office of Science and Technology Policy (OSTP)
- Office of Management and Budget (OMB)
- Congress
- Bureau of Land Management
- Professional Societies



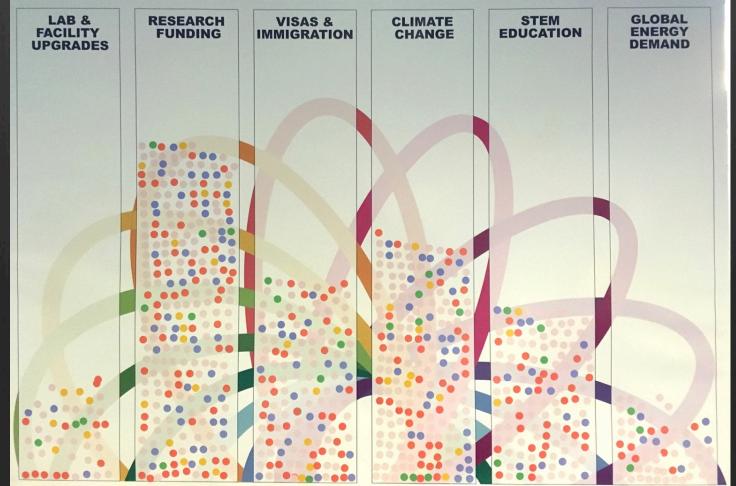


Advocacy

Every
Student
Succeeds
Act



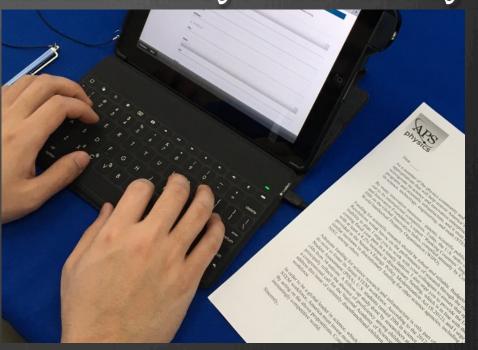
WHICH ISSUES MATTER MOST TO YOU?



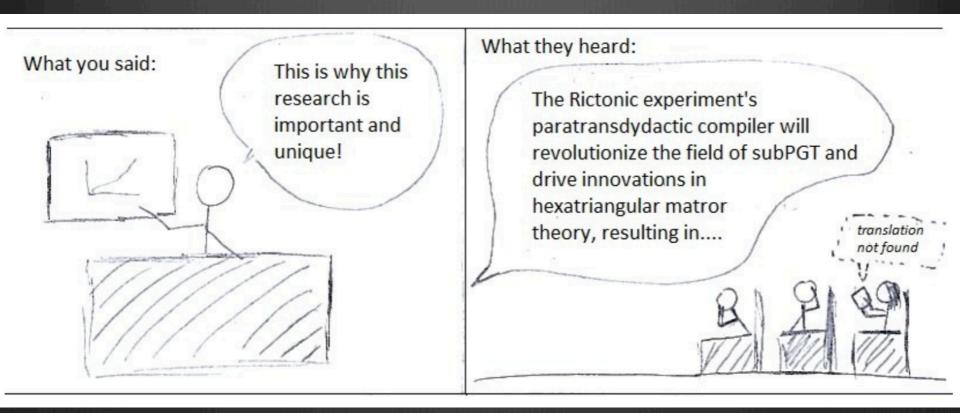
Member Involvement in Policy/Advocacy

- APS campaigns
 - Emails
 - Phone Calls
 - Social Media

- Op-Eds
- Congressional meetings in DC and in your state

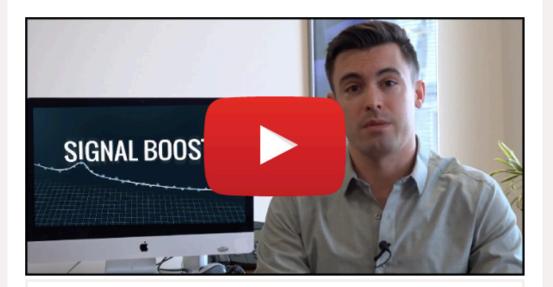








SIGNAL BOOST



Things I've Learned

- Words matter
- Yes, scientists need to speak up
- The government is complex, with lots of voices and lots of priorities
- Not everything is logical...

http://www.aps.org/policy/



Be the Signal Above the Noise!

If physicists don't speak up for the needs of physicists, who will?

Contact Greg Mack to get involved with APS mack@aps.org