

APSUO and User Facility Advocacy

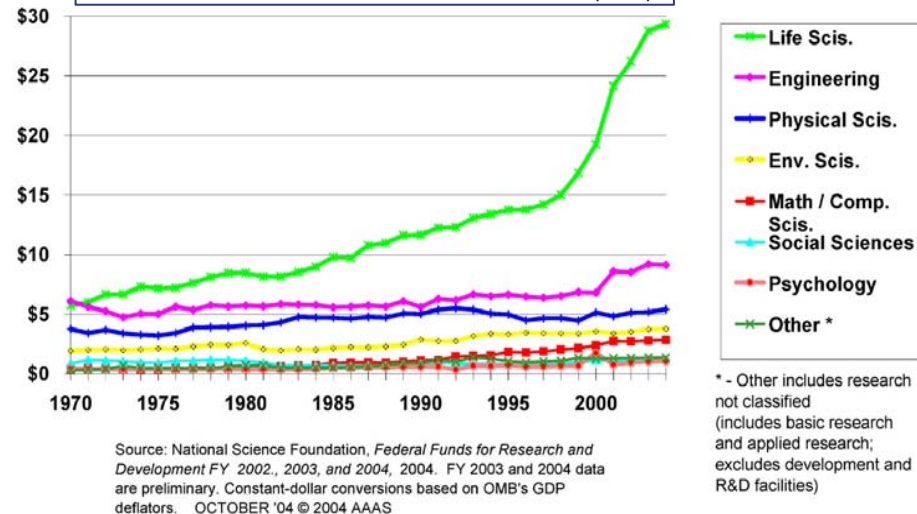
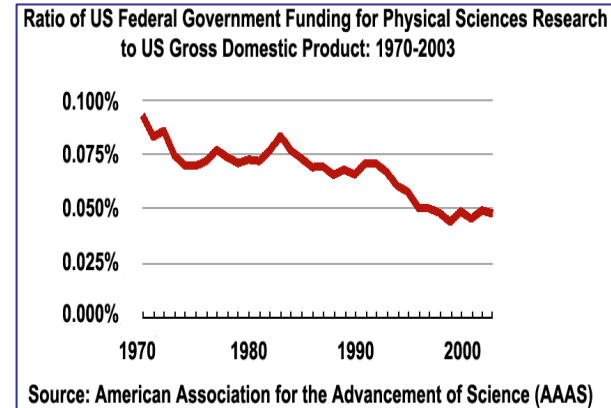
Gene Ice and Tim Graber



SNUG representatives during Washington visit

Advocacy has long been an important activity of APSUO

- Invitations to representatives to speak at users meetings
- Joint Trips to Washington with APS staff
- Letter writing campaigns (e.g. Durbin Users Meetings)



But 20 years of flat physical science funding-ultimately will impact APS and other USA synchrotrons

Major facilities organized to communicate and to present consistent message

- **NUFO (National Users Facilities Organization)**
 - User Organization Chairmen + User Administrators
 - Founded in 1990 to foster communication between SSRL, NSLS and APS
 - Diverse community/ various funding agencies
 - <http://www.bnl.gov/nufo/>



- **SNUG (Synchrotron and Neutron Users' Group)**
 - User organization chairmen and former chairmen
 - **DOE** Synchrotron and Neutron Facilities

SNUG Community much smaller than NUFO

- NUFO

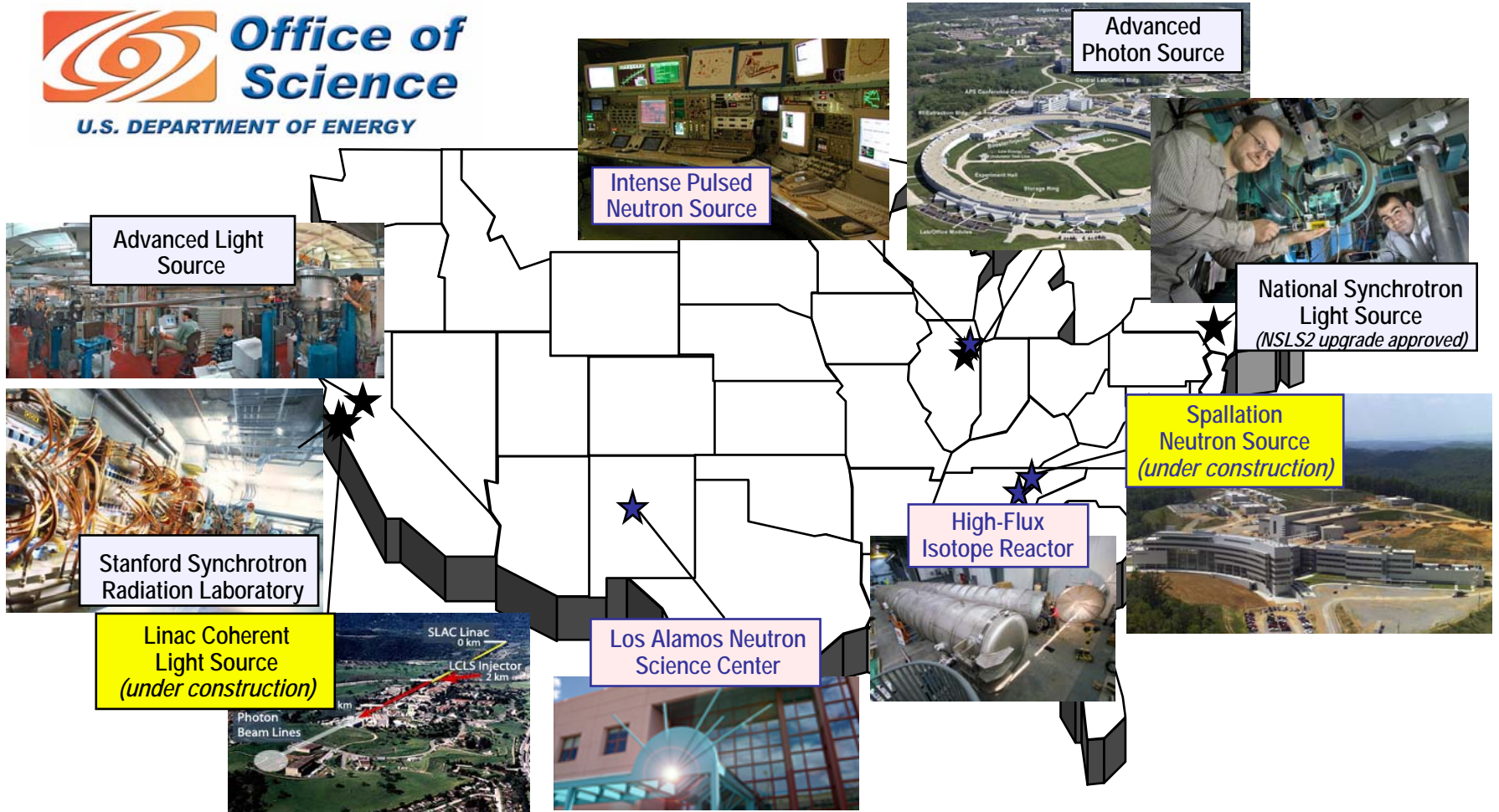
- Accelerator Test Facility
- Advanced Light Source
- Advanced Photon Source
- Alternating Gradient Synchrotron
- Argonne Tandem Linac Accelerator
- Center for Advanced Microstructures and Devices
- Center for Functional Nanomaterials
- Center for Integrated Nanotechnologies
- Center for Nanophase Materials Sciences
- Center for Nanoscale Materials
- Cornell High Energy Synchrotron Source
- Environmental Molecular Sciences Laboratory
- Fermilab
- High Flux Isotope Reactor
- Holifield Radioactive Ion Beam Facility
- Intensed Pulsed Neutron Source
- Linac Coherent Light Source (LCLS)
- Los Alamos Neutron Science Center
- Molecular Foundry
- NASA Space Radiation Laboratory
- National Center for Electron Microscopy
- National Center for Computational Sciences
- National Energy Research Scientific Computing Center
- National Synchrotron Light Source
- Relativistic Heavy Ion Collider
- Spallation Neutron Source
- Stanford Linear Accelerator
- Stanford Synchrotron Radiation Laboratory
- Thomas Jefferson National Accelerator Facility
- U.S. Atlas

- SNUG

- Advanced Light Source
- Advanced Photon Source
- Intensed Pulsed Neutron Source
- Linac Coherent Light Source (LCLS)
- Los Alamos Neutron Science Center
- National Synchrotron Light Source
- Spallation Neutron Source
- Stanford Linear Accelerator
- Stanford Synchrotron Radiation Laboratory

*But SNUG has “**focused**” message and largest user communities!*

DOE Synchrotron and Neutron Facilities



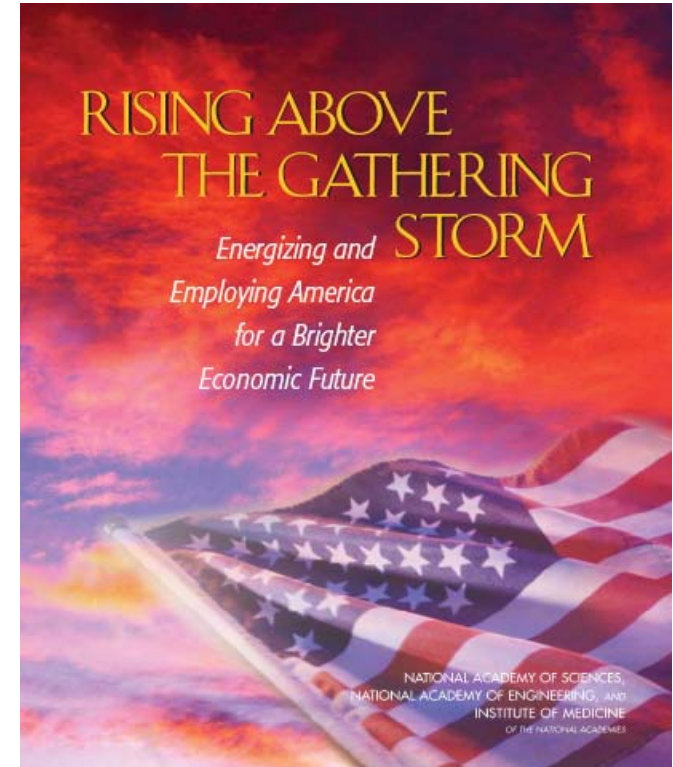
The Synchrotron and Neutron Users' Group (SNUG) represents:

- 5 Photon Light Sources
- 4 High-Flux Neutron Sources
- Including two under construction

SNUG strategy: visit Washington-show user facility importance for international competitiveness; support-

- **Rising above gathering storm: National Academy Report proposes.**
 - Train science and math teachers
 - Support science and math students
 - *Double physical science budget*
 - Tax credits for industrial research
 - ***Broad support in Congress***

- **National Competitiveness Initiative**
 - *Double Physical Science (DOE) budget in 10 years*
 - ***Broad support in Congress-but emphasis depends on party***



Very busy last 12 months!

Visits to Washington

- April 06
- Oct 06
- Jan 07



SNUG Delegation to DC April 06

Rear: Pat Fulton, Clemens Heske (ALS; UNLV), James Kaduk (APS; Innovene), Gene Ice (APS; ORNL).

Front: Peter Stephens (NSLS; Stony Brook U), Joy Andrews (SSRL; CSUEB), Corie Ralston (ALS; LBNL), Despina Louca (SNS/HFIR; UVa), Yan Gao (NSLS; GE), Christopher Kim (SSRL; Chapman U).

Not Pictured: Tom Koetzle (IPNS; ANL)

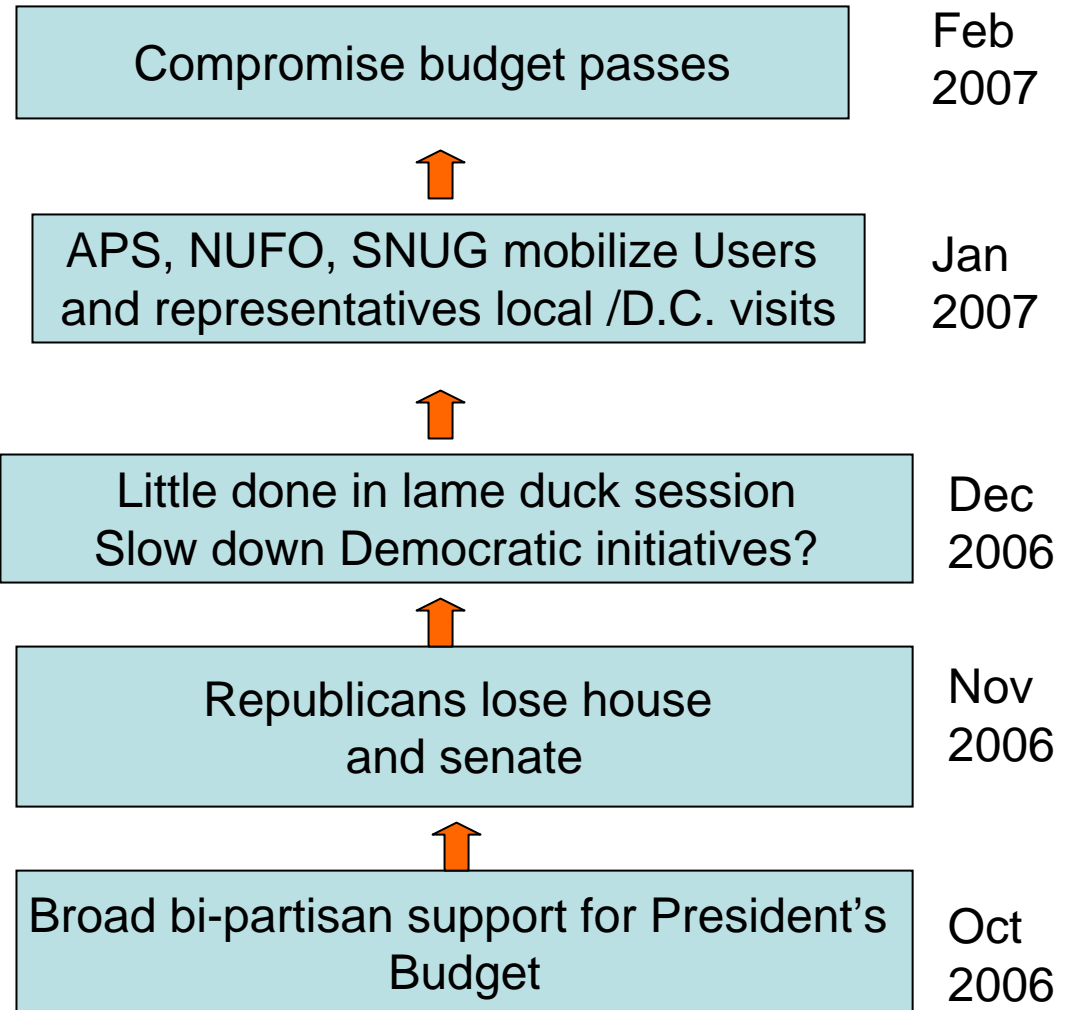
APSUO recognized need for individual visits to congressional representatives in home states

- Contacted users in key districts that include critical members of appropriations and science subcommittees.
- Parallels effort by NUFO to organize users to make visits to local representatives.

Efforts will continue: If you are interested, please contact someone from the APSUO and we will give you information to help with your visit.

Dire budget scenarios after November elections, mobilized allied organizations January

- American Physical Society organized email campaign.
- Light Sources (APS and SSRL) dominated emails
- APS, NUFO, SNUG, NSSA (Neutron scattering Society of America) all pulled together
- ~2600 emails made a big impression!
- **Thank you**



Letter to UEC Chair Fermi Lab

Sacha E. Kopp

Representative **Rush Holt**, 12th congressional district of New Jersey

A few weeks ago we sent a letter signed by 20 of us UEC chairs to several of the authors of Dear Colleague letters during the Continuing Resolution storm. I received a generous letter from Rush Holt in my mailbox that I wanted to share with you all:

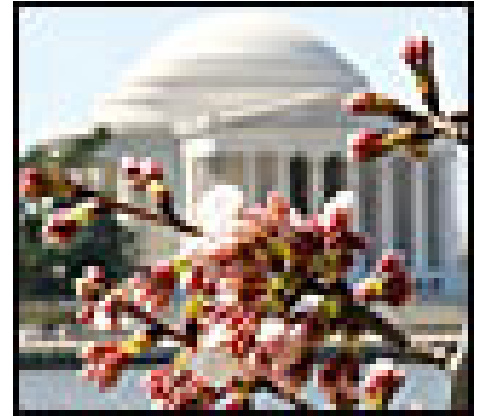
Dear Dr. Kopp:

*Thank you for your letter on behalf of the chairs of the user organizations of the Department of Energy national laboratories about my efforts on behalf of U.S. science. I appreciate your gratitude and would like to express my own. **The tireless efforts of the chairs doing and advocating for science do a great service to the nation. I encourage you to continue your good work and to emphasize the interdisciplinary ramifications of the national labs when talking with other policy makers.***

I look forward to our working together in the future. Please do not hesitate to contact me if I can be of assistance to you in any way."

SNUG will continue efforts to educate

- Seasonal Washington visits
- Local visits
- Calls for user letters and emails if essential
 - (note: We passed on only a few of the requests as we value user time)



***Thanks to your help* things look much better!**

- Much of anticipated 2007 budget restored (although some issues with how money distributed)
- Now working to support real increases in 2008.
 - Impact User facilities
 - Upgrades
 - Programmatic research