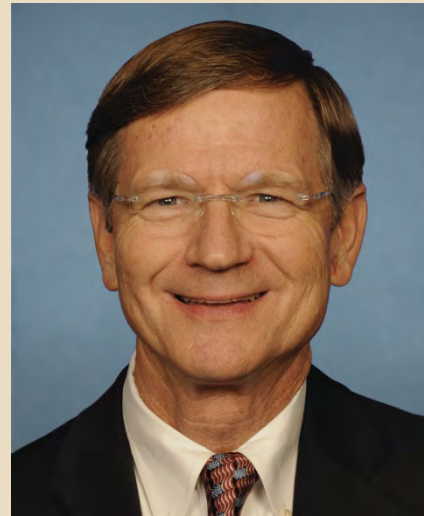


# THE POLITICS OF SCIENCE

Eleanor Hook  
August 4, 2017

# WORK SITE

## House Committee on Science, Space, and Technology



# COMMITTEE DUTIES

## Hearings • Markups • Roundtables

- Gather information
- Learn from experts in the field
- Investigate oversight issues
- Reexamine existing laws

U.S. HOUSE OF REPRESENTATIVES  
COMMITTEE ON SCIENCE, SPACE, AND TECHNOLOGY  
SUBCOMMITTEE ON SPACE

Charter

**TO:** Members, Committee on Science, Space, and Technology  
**FROM:** Majority Staff, Committee on Science, Space, and Technology  
**DATE:** July 18<sup>th</sup>, 2017  
**SUBJECT:** Space Subcommittee Hearing: "Planetary Flagship Missions: Mars Rover 2020 and Europa Clipper"

On Tuesday, July 18<sup>th</sup>, 2017 at 10:00 a.m. in Room 2318 of the Rayburn House Office Building, the Committee on Science, Space, and Technology, Subcommittee on Space, will hold a hearing titled, "Planetary Flagship Missions: Mars Rover 2020 and Europa Clipper."

**Hearing Purpose**

The purpose of the hearing is to examine current progress on Mars Rover 2020 and Europa Clipper, the science objectives of these flagship missions, and the prospects for a Europa lander. NASA's Planetary Science Division currently has two flagship missions in development, the Mars Rover 2020 and Europa Clipper flyby mission, and a Europa lander mission under study.

**Witnesses**

- **Dr. Jim Green**, Planetary Science Division Director, Science Mission Directorate, NASA
- **Dr. Kenneth Farley**, Mars Rover 2020 Project Scientist, Professor of Geochemistry, California Institute of Technology
- **Dr. Robert Pappalardo**, Europa Clipper Project Scientist, Jet Propulsion Laboratory, California Institute of Technology
- **Dr. Linda T. Elkins-Tanton**, Director and Foundation Professor, School of Earth and Space Exploration, Arizona State University; Principal Investigator, NASA Psyche Mission
- **Dr. William B. McKinnon**, Co-Chair, National Academy of Sciences, Committee on Astrobiology and Planetary Science; Professor of Earth and Planetary Sciences, Washington University in St. Louis

**Staff Contact**

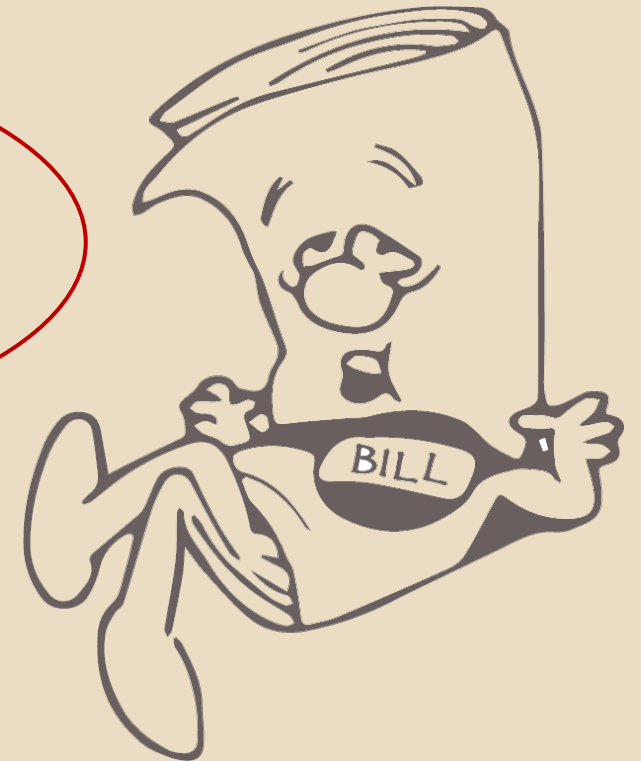
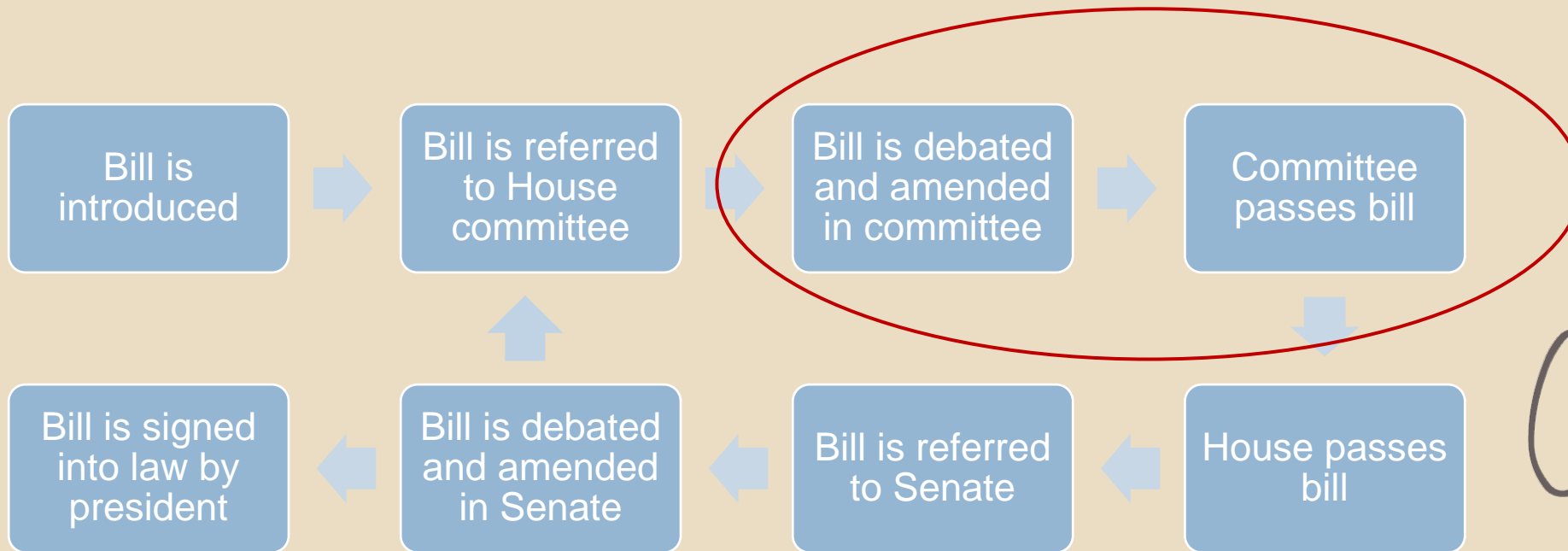
For questions related to the hearing, please contact Mr. Tom Hammond, Staff Director, Space Subcommittee, Dr. Michael Mineiro, Professional Staff Member, Space Subcommittee, or Ms. Sara Ratliff, Policy Assistant, Space Subcommittee, at 202-225-6371.





# COMMITTEE DUTIES

Hearings • Markups • Roundtables



# COMMITTEE DUTIES

Hearings • Markups • Roundtables

- Unofficial committee events
  - Can be led by Ranking Member
  - Cover topics not examined by full committee
- Informal format
- Audience questions permitted



# WHAT DID I DO?

- Put together hearing binders
- Perform background research
- Prepare materials for hearings and legislation
- Document committee hearings
- Attend and summarize other relevant hearings
- Answer phone calls
- Meet as many people as possible!

# WHAT DID I DO?

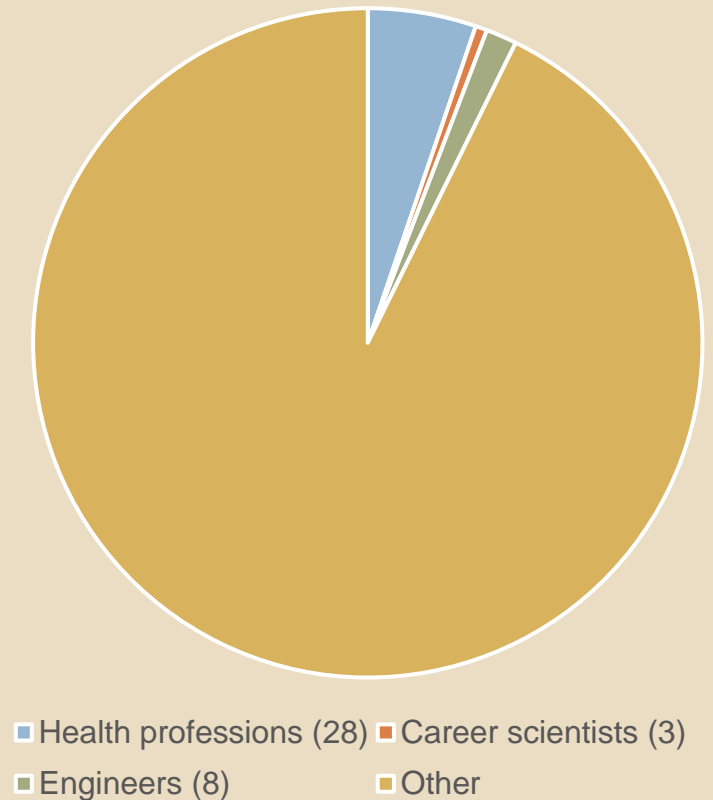




# WHO KNOWS THE SCIENCE?

- Members of Congress
- Congressional staff
- Witnesses
- Panelists
  - Roundtables
  - Briefings
- Guests at informational events
  - Cybersecurity fair
  - NASA technology day

Congress by Profession



# WHAT CAN SCIENTISTS DO BETTER?

- Interact directly with Congress
- Make research more accessible
  - Publish frequently
  - Include the press where possible
- Avoid jargon at all costs
- Demonstrate the importance of the subject
  - Economy
  - National security
  - Prestige
- Engage the public

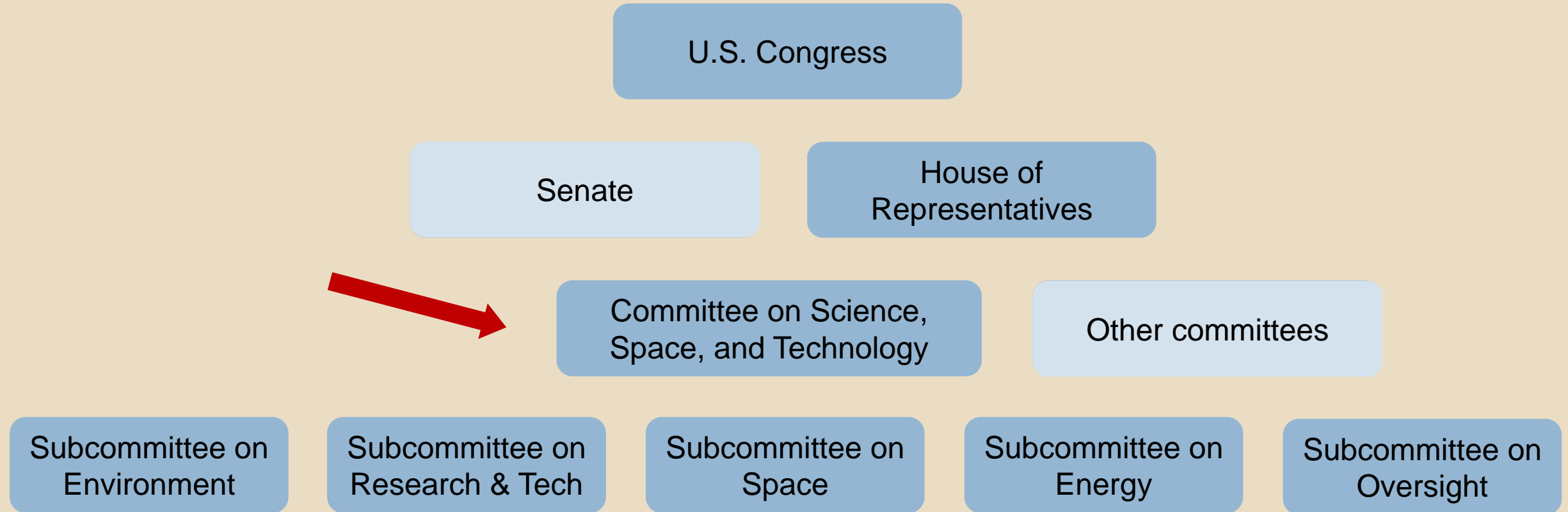
# MANY THANKS

- Dr. John Mather
- AIP and SPS, especially Brad, James, and Jen
- Cassie Anderson
- Committee staff
- SPS interns

**HOUSE SCIENCE, SPACE,  
AND TECHNOLOGY COMMITTEE**  
— DEMOCRATS —



# WORK SITE



# HEARINGS

- **STEM and Computer Science Education:** Preparing the 21<sup>st</sup> Century Workforce
- Examining **Advances in Biofuels:** Balancing Federal Research and Market Innovation
- **Energy Innovation:** Letting Technology Lead
- **Planetary Flagship Missions:** Mars Rover 2020 and Europa Clipper
- **U.S. Fire Administration and Fire Grant Programs Reauthorization:** Examining Effectiveness and Priorities
- **In-Space Propulsion:** Strategic Choices and Options
- **Material Science:** Building the Future
- Leading the Way: Examining Advances in **Environmental Technologies**
- Bolstering the Government's Cybersecurity: **Lessons Learned from WannaCry**
- An Overview of the **National Aeronautics and Space Administration Budget** for Fiscal Year 2018

# MARKUPS

- H.R. 2763, the “Small Business Innovation Research and Small Business Technology Transfer Improvements Act of 2017”
- H.R. 2809, the “American Space Commerce Free Enterprise Act of 2017”