





AIP/SPS Mather Policy Internship: 2015 Edition





### Who I Am





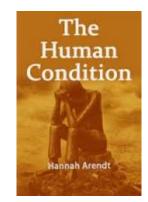












# The Mather Policy Internship-

- "I've heard some folks try to dodge the evidence by saying they're not scientists; that we don't have enough information to act. Well, I'm not a scientist, either. But you know what, I know a lot of really good scientists at NASA, and at NOAA, and at our major universities."- Barack Obama
- "Twenty-first century businesses will rely on American science and technology, research and development. I want the country that eliminated polio and mapped the human genome to lead a new era of medicine -- one that delivers the right treatment at the right time."- Barack Obama



# **Executive Branch**







# Congress

- Appropriations
- Natural Resources
- Agriculture
- Science, Space, and Technology
- Foreign Affairs
- Energy and Commerce







# The House Committee on Energy and Commerce



- Commerce, Manufacturing, and Trade
- Communications and Technology
- Energy and Power
- Environment and the Economy
- Health
- Oversight

- The oldest standing legislative committee in the U.S. House of Representatives
- Has the broadest jurisdiction of any congressional authorizing committee



# My Role

### **Daily Projects**

- Creating member profiles
- Compiling lists and summaries of legislation
- Selecting important daily technology news clips and hearings outside of the committee





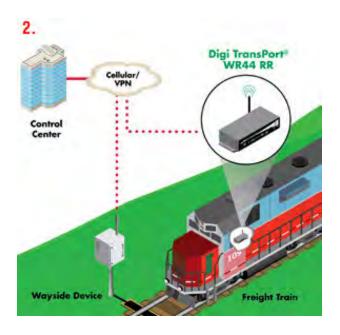
# Hearings and Research



- Vehicle to Vehicle Communication
- FCC Oversight
- Cybersecurity Enforcement and Regulation Oversight
- Nuclear Waste Oversight

# Briefings and Summaries

- Positive Train Control
- SLAPP Litigation
- The Internet of Things
- Extra-territorial Data Access



# Perks of the Job











## What's Happening Now

### What Can Be Done

#### **Progess:**

- 21st Century Cures
- DotCom
- TSCA

#### **Current Challenges**

- Climate Change
- Basic Research
- Oversight



- Professional Societies
- Lobbying Groups
- More scientists
  (especially physicists!)
  at all levels of
  government

# Thanks to give:

- First and foremost to Dr. John Mather, who has not only made this personal experience possible, but has also created a connection.
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