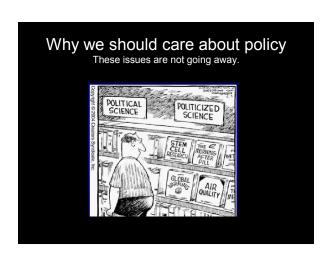
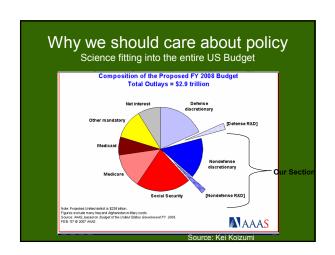
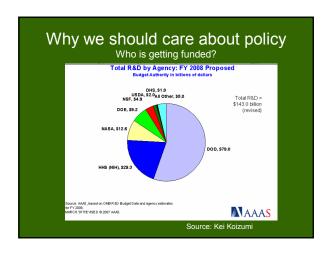


Science Policy Outline • Why should we care about policy? • How did I develop my science policy knowledge? • Science Policy 101 - Who makes science policy? - How do they make policy? - How do policy makers get their science information? - How can you deliver science information effectively?

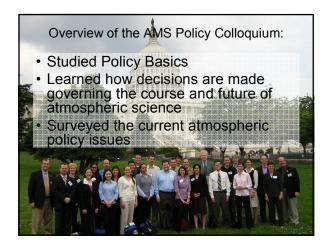














- Dr. John H. Marburger, III, Science Adviser to the President, and Director, Office of Science and Technology Policy Rick Anthes, President, AMS Keith Seitter, Executive Director, AMS

- Relit Hooke, Director, AMS Policy Program
 Toby Smith, Senior Federal Relations Officer, Association of American Universities

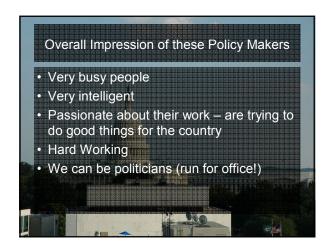
- Universities
 Kei Koizumi, Director, R&D Budget and Policy Program, AAAS
 Scott Gudes, Chief of Staff, Senate Committee on the Budget
 Paul Higgins, Senior Policy Fellow, AMS
 Jonathan Black, Senate Committee on Energy and Natural Resources
 Sarah Horrigan, Office of Management and Budget
 David Verardo, National Science Foundation
 Cana Whitery, Assistant Director, Environment, OSTP

- Gene Whitney, Assistant Director, Environment, OSTP
 Chuck Atkins, Chief of Majority Staff, House Science Committee
 Janet Poppleton, Chief of Staff (minority) House Committee on Science
 and Technology
- James Bradbury, AMS-UCAR Congressional Science Fellow, on staff for Congressman Jay Inslee (D-WA) Science fellow, Environment and Natural Resources

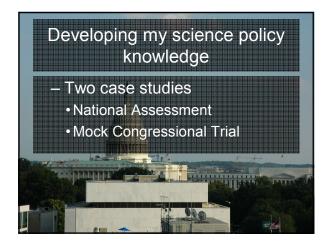
- Jonna Hamilton, on staff for Senator Richard Durbin, (D-IL)
- Michael MacCracken, The Climate Institute

- Lynne Carter, Regional Liaison Mike Slimak, Associate Director EPA Chris Mooney, author Matthew Nisbet, American University
- Vincent Kiernan, Assistant Dean, Georgetown's School of Continuing Studies
- Dr. Robert W. Corell Program Director, Global Change The H. John Heinz III Center for Science, Economics, and the Environment
- Dr. Eric Klinenberg, Associate Professor of Sociology New York University
 Dr. George M. Gray, EPA Assistant Administrator for Research and Development
- Molly Macauley, Senior Fellow, and Director of Academic Programs, Resources for the Future
- Cristina Chaplain, Director, Acquisition and Sourcing Management, Government Accountability Office
- David Arthur, Congressional Budget Office
- Kit Batten, Director of Environmental Policy, Center for American Progress Bryan Mignone, Brookings Institution Brenda Ekwurzel, Union of Concerned Scientists

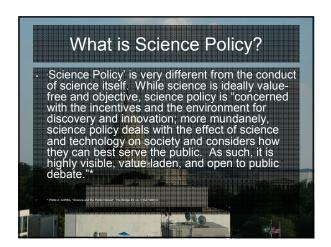
- Tegan Blaine, U.S. Department of State Lauren Faber, British Embassy, Washingto

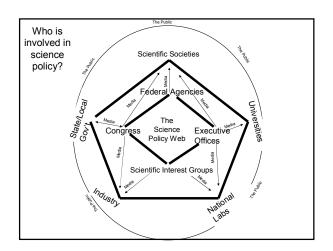


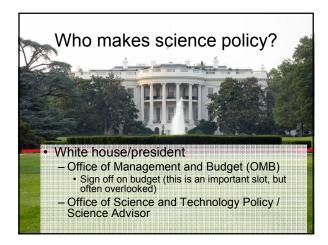




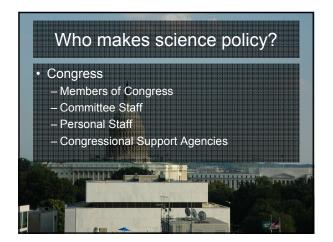




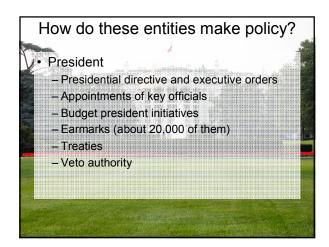




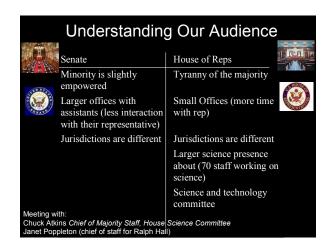
















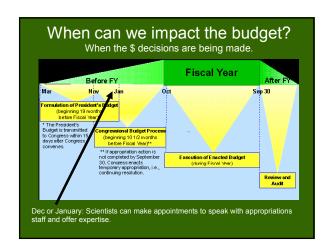
How do senate members know what the public cares about?

• Not everyone travels, people come to them and show them.

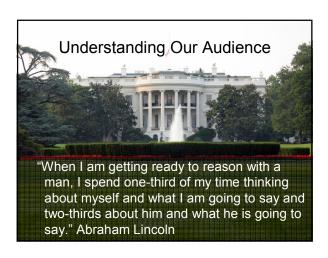
– appropriations committee

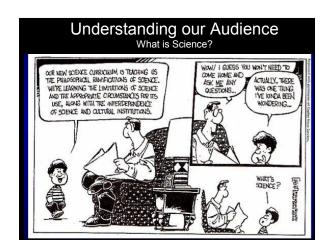
• People need to let their representatives know what they care about!

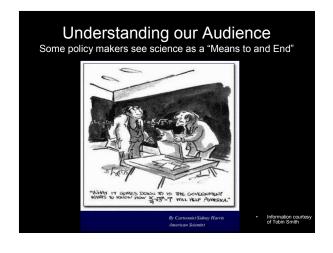


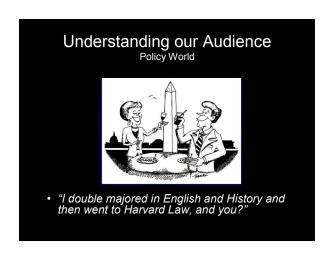


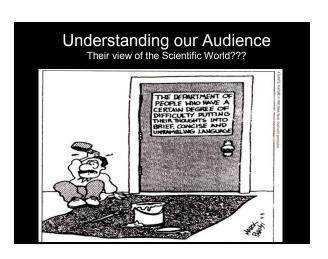




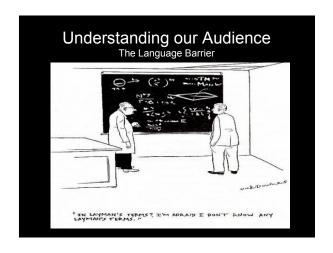


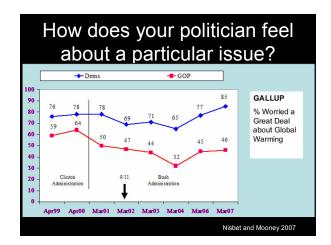


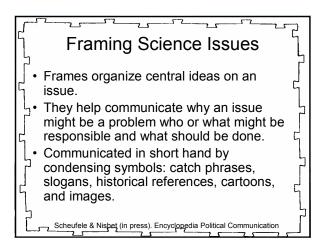




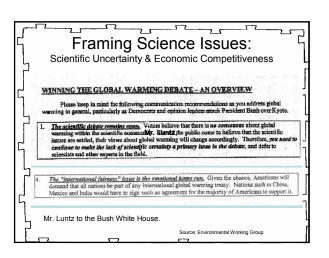
SCIENTISTS	POLICY MAKERS
Numbers	Words
Objective Facts	Subjective/Public Opinion
Hate to make promises	Love to make promises
Quantitative	Qualitative
Technical	Political
Problem seeking	Issue seeking
Ask why	Ask why they should care
Background: Science	Background: English, history, law
Money = research	Money = reelected
Think long term	Think short term
Public avoidance	Love public eye
Science page	Front page
Specialist	Speak broadly

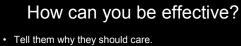












- · Craft and highlight key messages.
- Make sure you have the correct audience.
- Provide context for new findings.
- Anticipate and address potential misunderstandings.

Information courtesy: Susan J. Hosse

How can you be effective?

- You have to have good arguments and statistics.
- Make it local.
- Do not use jargon and too much detail.



- Consider how the words can be taken out of context.
- Respond only to properly framed questions.

Information courtesy: Susan J. Hosse

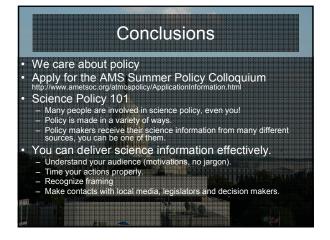
Preparation Develop your talking points and your ask Assemble leave-behinds - Provide your contact information - Anticipate questions and have your answers Select a group leader

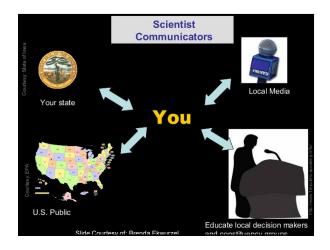


When you are there · Thank them before you ask Be respectful even if they are not Stay on message Stick to your expertise Don't speak negatively about other constituent groups

Make sure to... · Ask for a commitment to support your issue. · Offer to serve as a resource on science issues. Invite the legislator/staff to visit your lab or facility. MINES 14: 3111

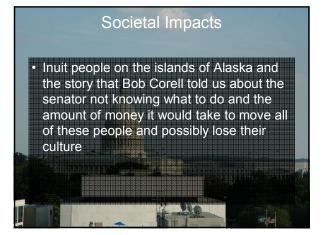
How do you successfully work with the media? • make contacts with reporters • hit them with the exciting finding first, then give background information • if someone calls you, ask for 10 minutes to prepare (look them up, science writer?)



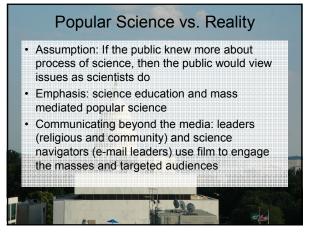




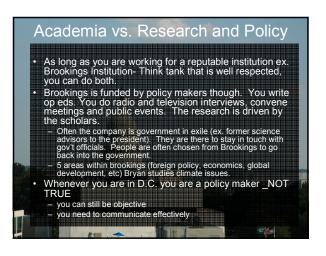


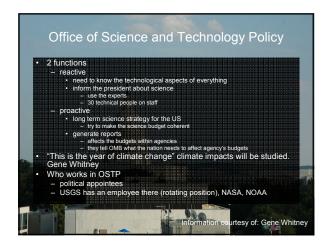




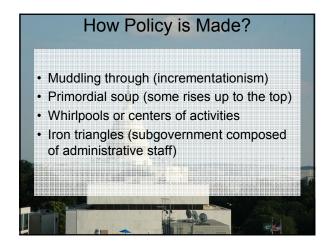


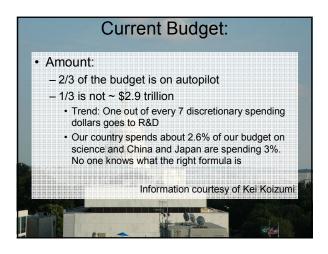
Hot topics for policy makers: • Economics, law and policy • Carbon Cycle modeling • climate impacts and adapatations • biodesiel — economics, business, scientists

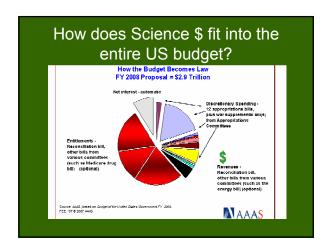




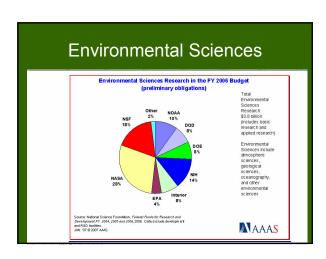


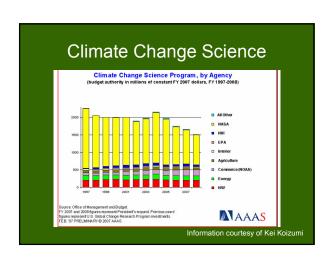


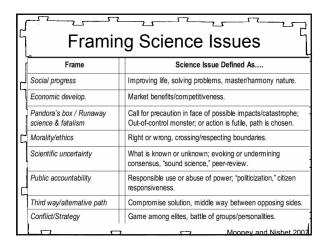


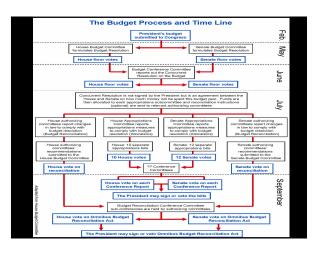


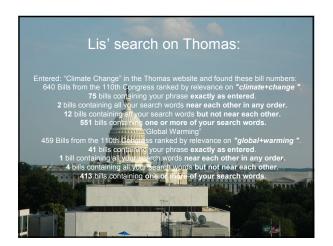


















What is science policy? • "National Science Policy refers to the set of federal rules regulations, methods, practices and guidelines under which scientific research is conducted. The process, procedures, and how those processes and procedures are implemented". Tobin Smith