

Scientists and Science Policy: Shrinking the Gap

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Motivation

- Sonoma State 2012-2016
- SPS Chapter VP from Spring 2015 - Fall 2015
- SPS Associate Zone 18 Councilor - 2015-2016
- Intern for House Committee on Science, Space, and Technology



Experience

- Hearing material
- Developed reports
- Gained perspective
- Took down a forest



Addressing Causes of the Disparity

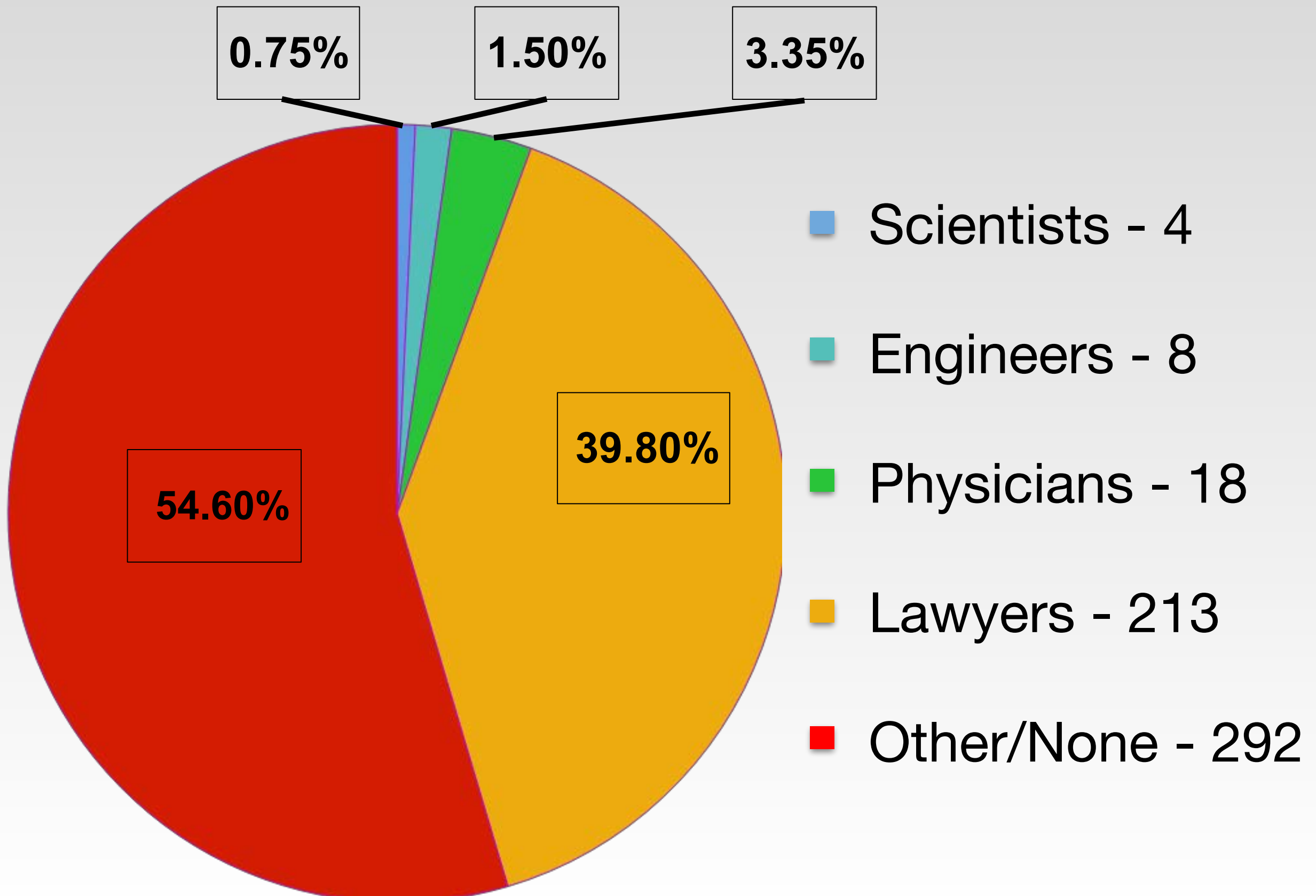
1. The language barrier
2. There is a lack of scientists in Congress
3. Science is a vast field of study



The Language Barrier

Theory	Unproven idea.	<u>Explanation</u> of an aspect of the natural world backed by extensive testing.
Uncertainty	Something doubtful or unknown.	A situation which involves imperfect information and/or unknown information.
Law	A rule or restriction that society must follow.	Description of some aspect of the universe that is shown to always hold true under the same conditions.

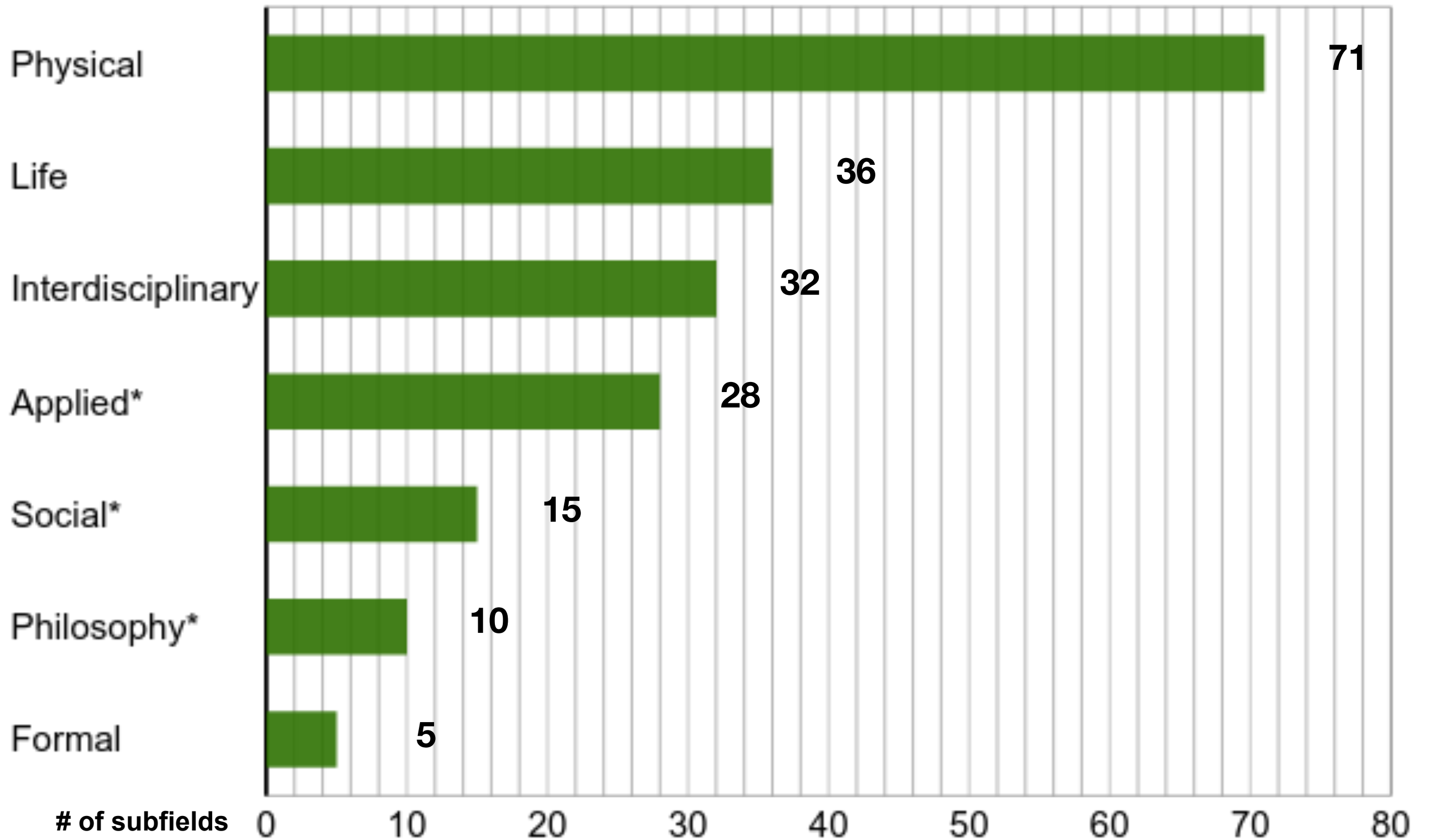
114th Congress By Degree



Science Committee Staff

SUBCOMMITTEE	MAJORITY	MINORITY
ENERGY	3	2
ENVIRONMENT	3	1
INVESTIGATIONS AND OVERSIGHT	4	3
RESEARCH AND TECHNOLOGY	4	2
SPACE	5	2

Science Subfields



● These fields have representation in Congress currently

The Scientist's Responsibility



- Educate the Public
- Maintain an open dialogue with policy makers
- Do Not Give Up

Acknowledgements

John Mather

AIP

National SPS

House Minority Committee on Science,
Space, and Technology