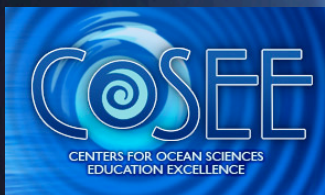


Ocean Scientists' Role and Needs Related to Education: A 6-year study

Chris Parsons & Janice McDonnell
COSEE Networked Ocean World (COSEE NOW)



Scientist Survey: Why?

- COSEE Mission: Engage scientists and educators in transformative ocean education projects
- We know educators....but scientists??



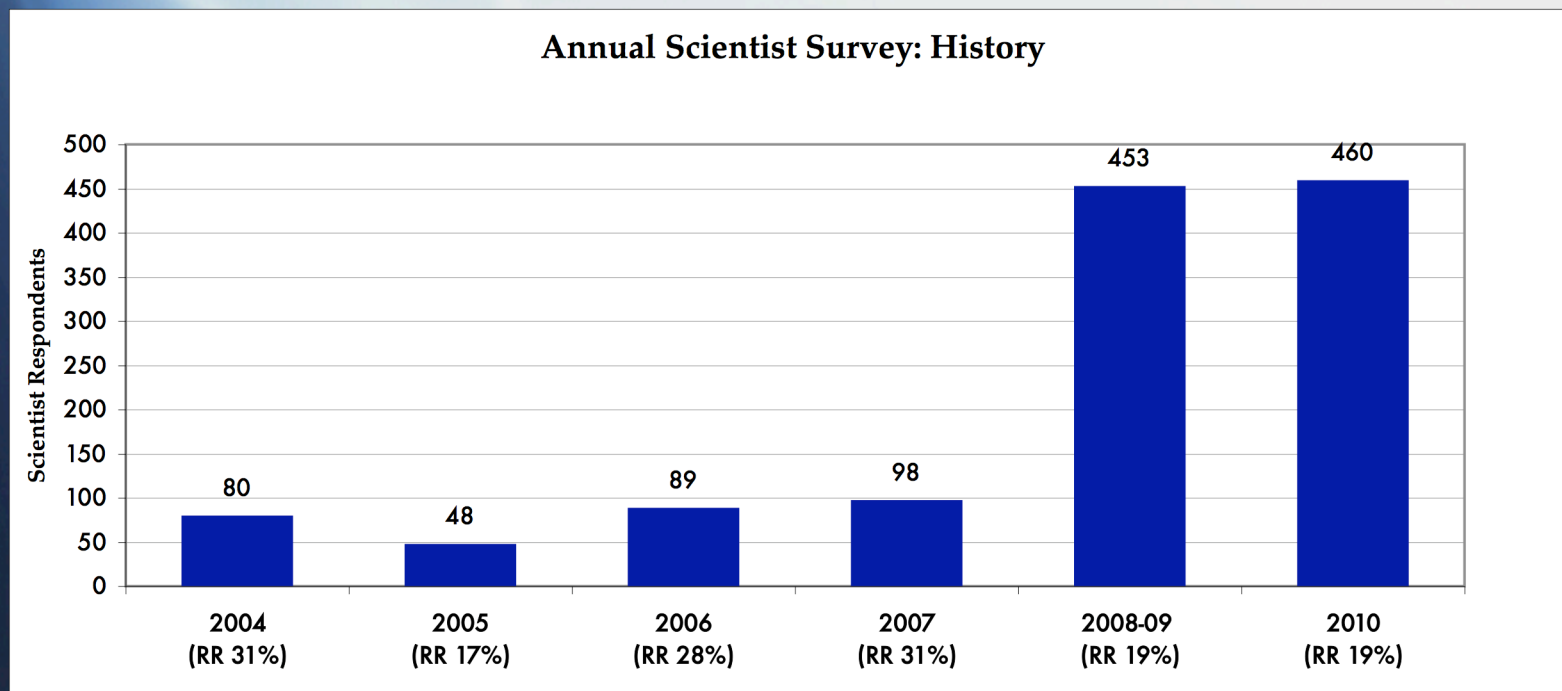
What are they up to & what do they need?

Annual Scientist Survey

Same baseline questions each year
Different annual focus

Scientist Survey History

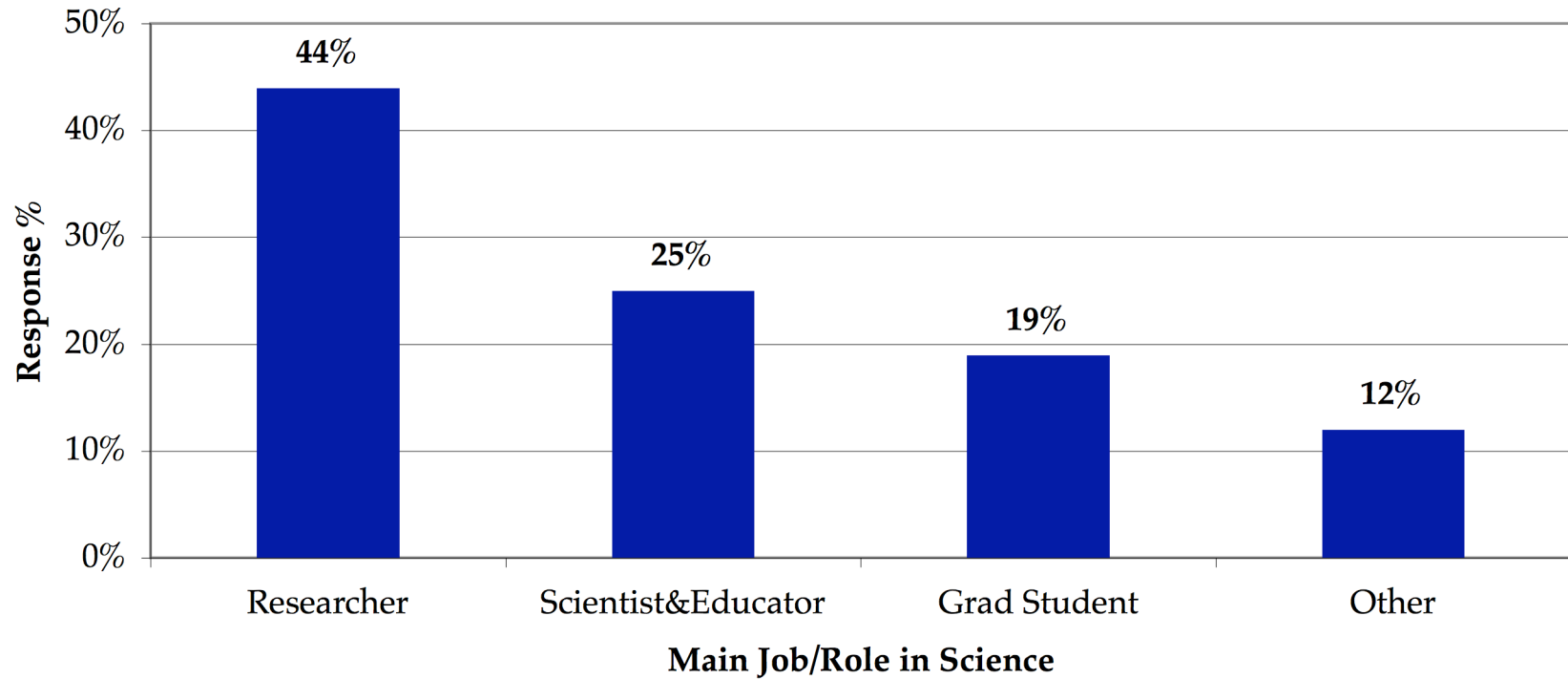
- ◆ Began in 2004
- ◆ Early scientist surveys with ORION
- ◆ Past two years with ASLO (n = 670 & 700)
- ◆ Invitations by email with link to online survey



Survey Respondents

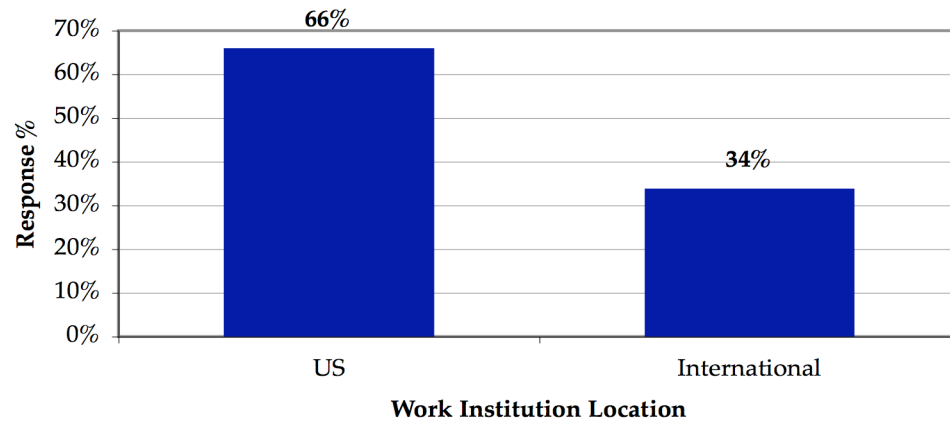
2010 n \approx 700

Scientist Survey 2010: Job/Role

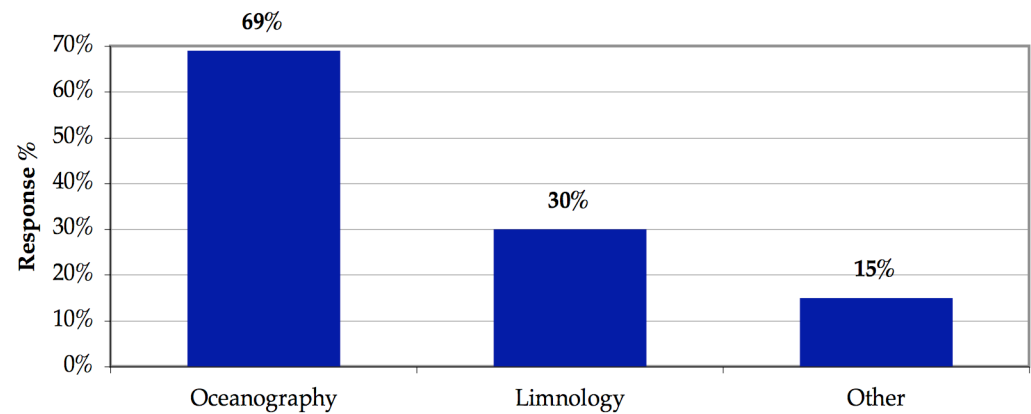


Scientist Respondents 2010

Scientists 2010: Location



Scientists 2010: Science Field

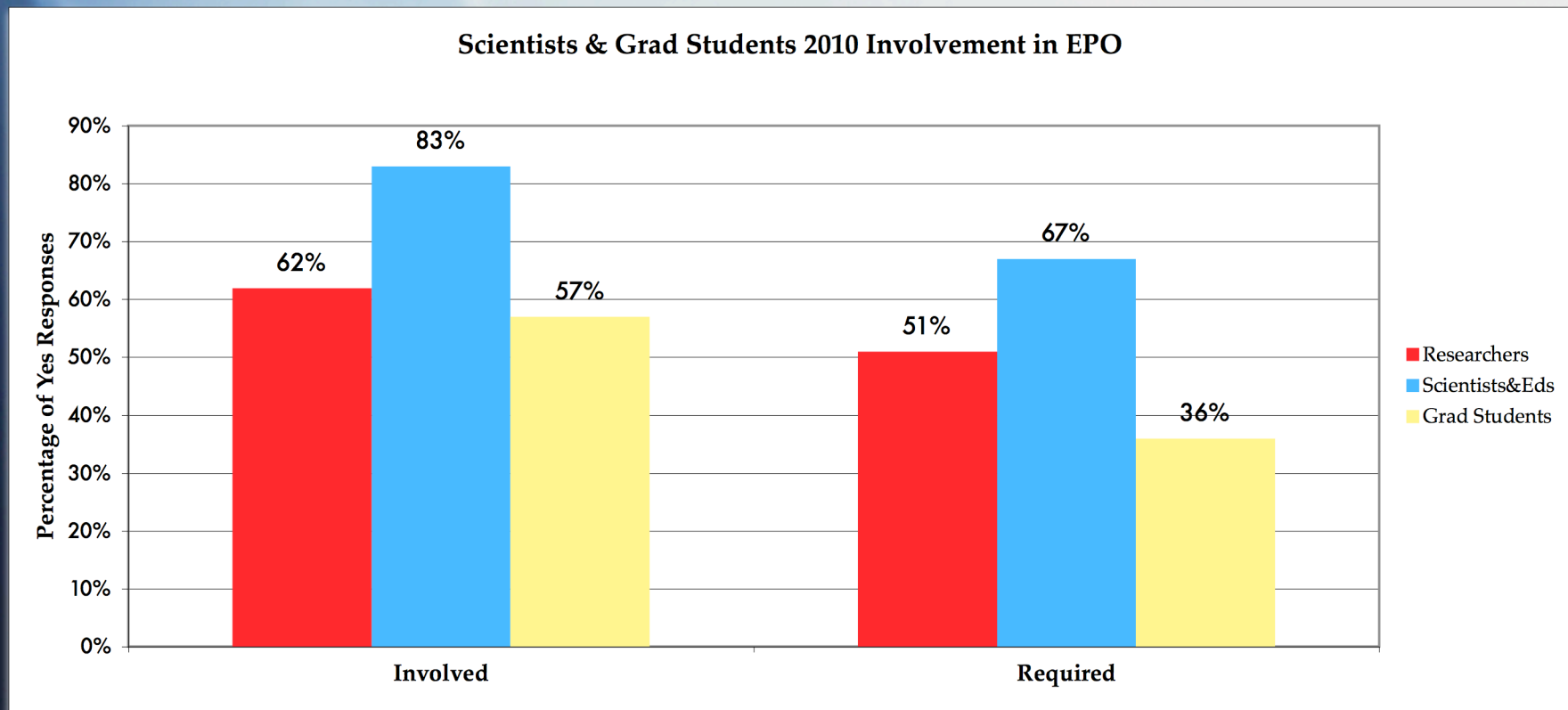


The background of the slide is an abstract composition of diagonal lines and gradients. On the left side, there is a dark blue vertical band that transitions into lighter shades of blue and white as it moves towards the right. Several bright, glowing diagonal lines cut across the frame, creating a sense of movement and depth. The overall aesthetic is clean, modern, and professional.

Results Highlights

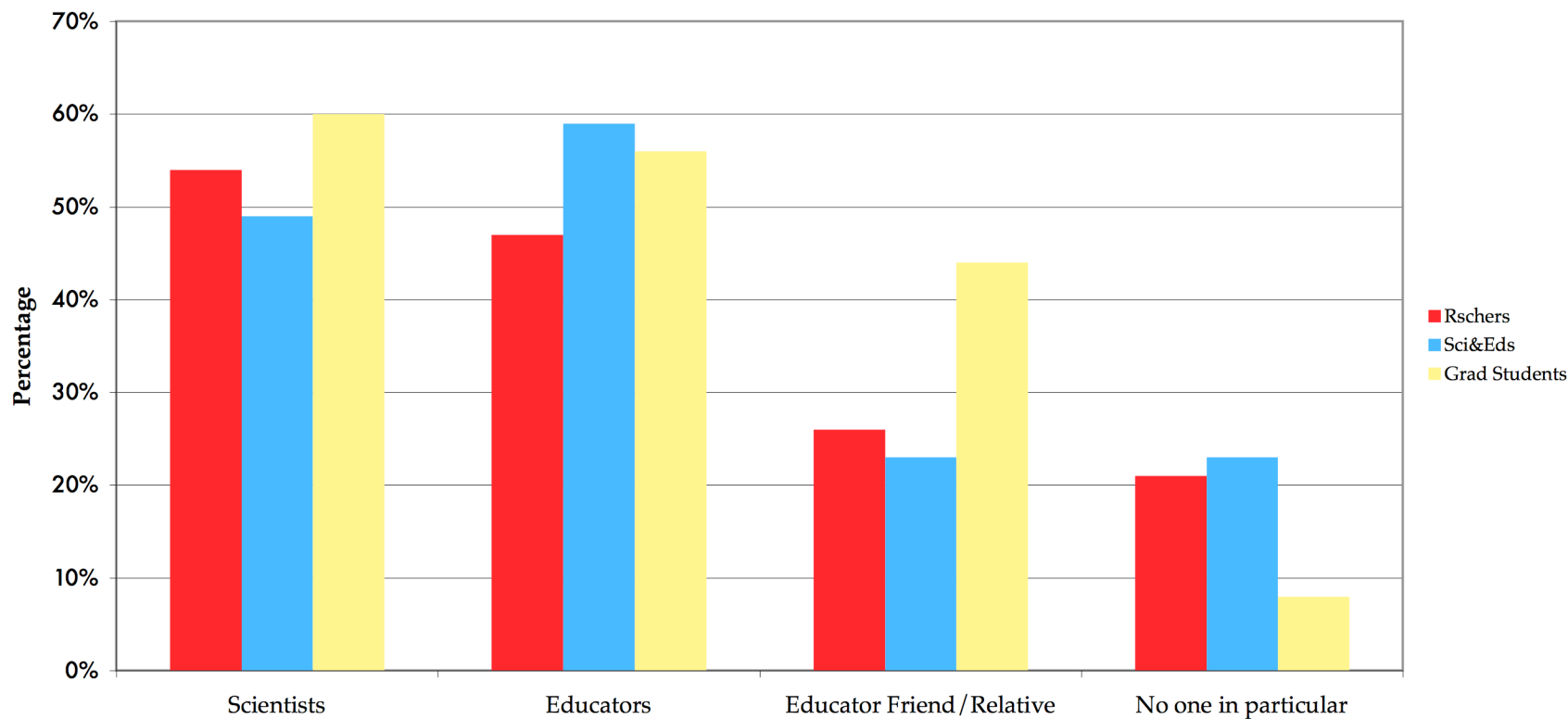
Involved in EPO & Required

Overall, 67% involved;
51% required (by research funding)



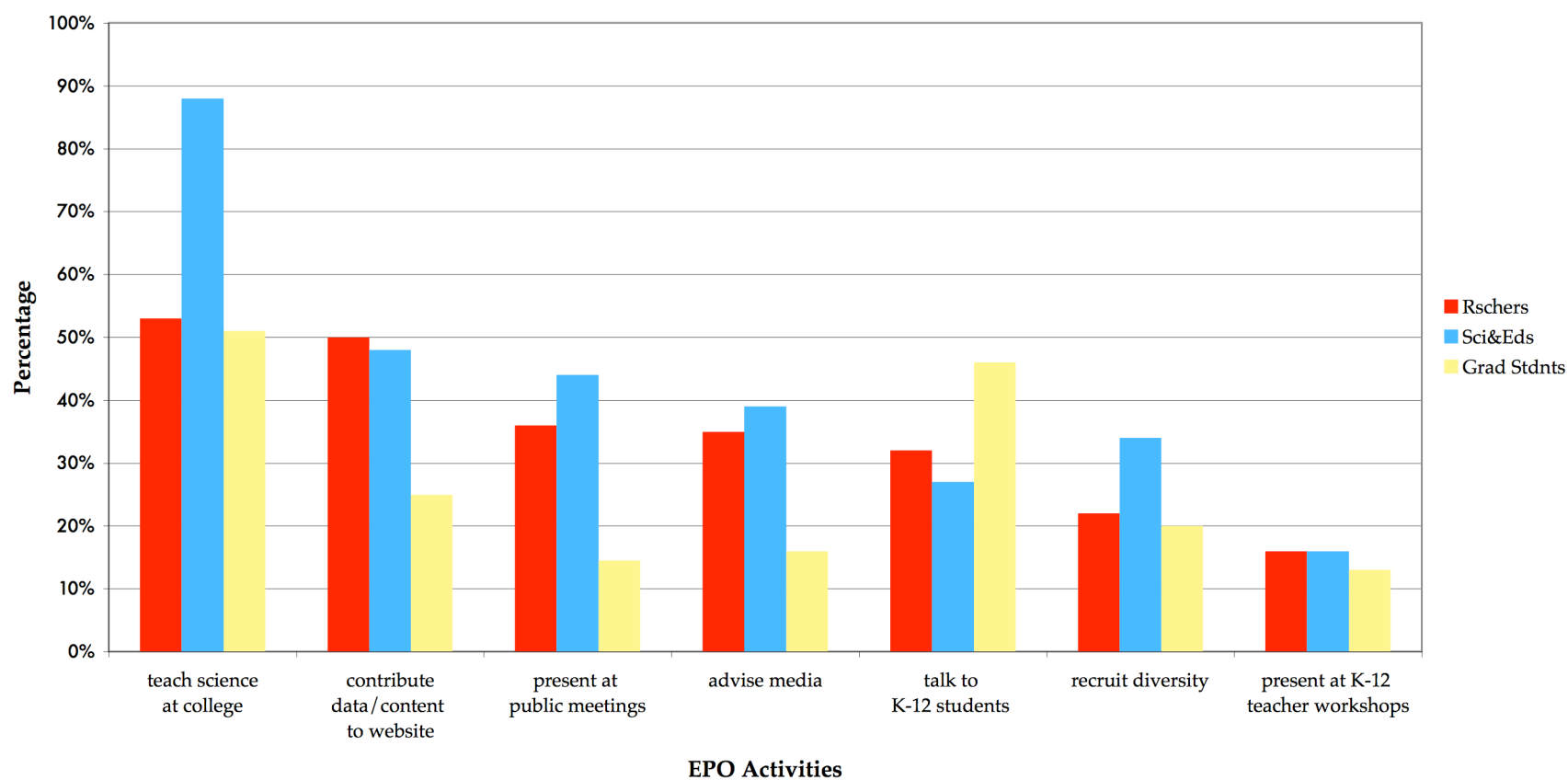
Sources of EPO Advice/Help

Scientists & Grad Students 2010: Turn to for EPO Help



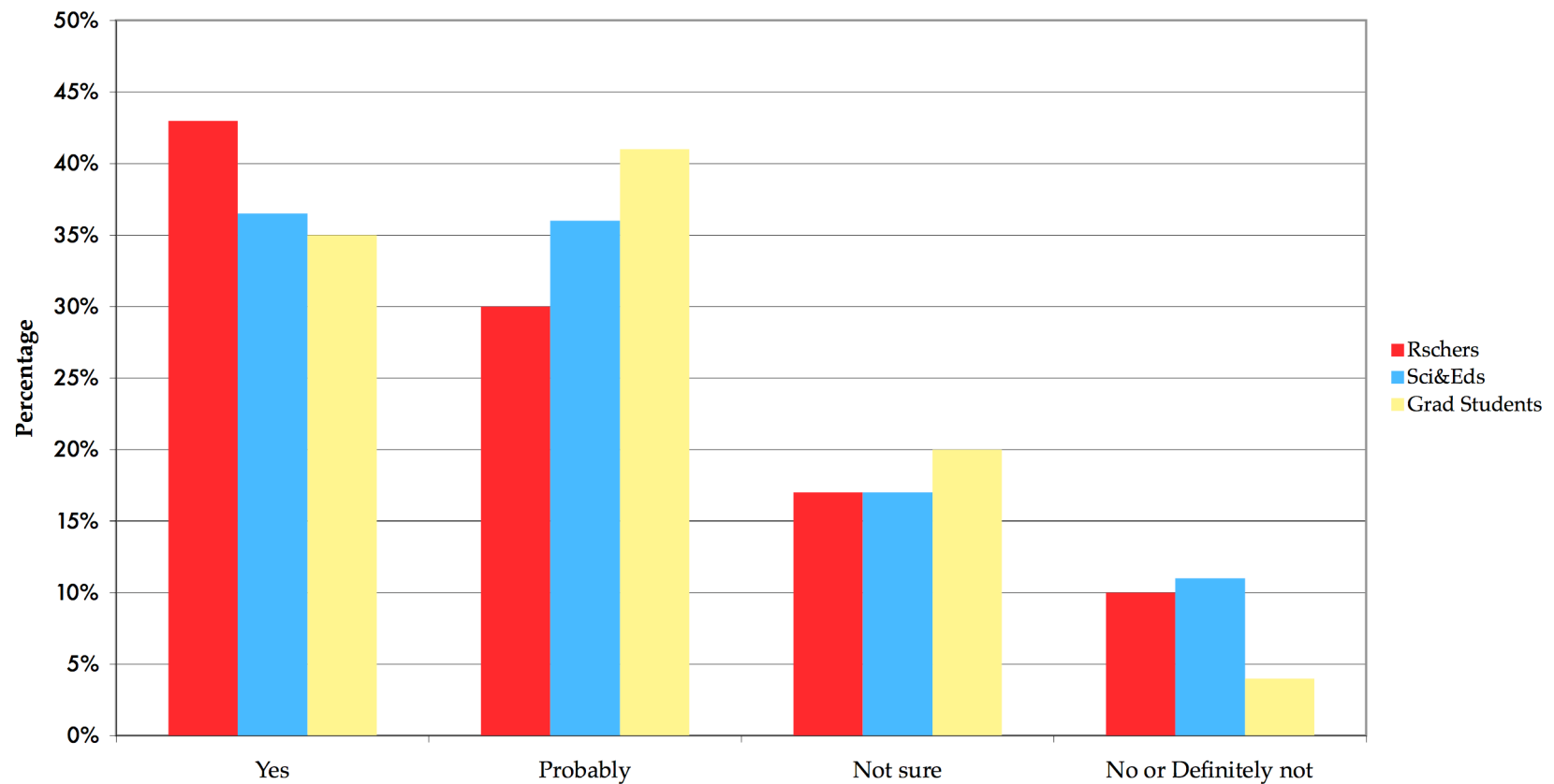
Which EPO Activities

Scientists & Grad Students 2010: Involvement in EPO



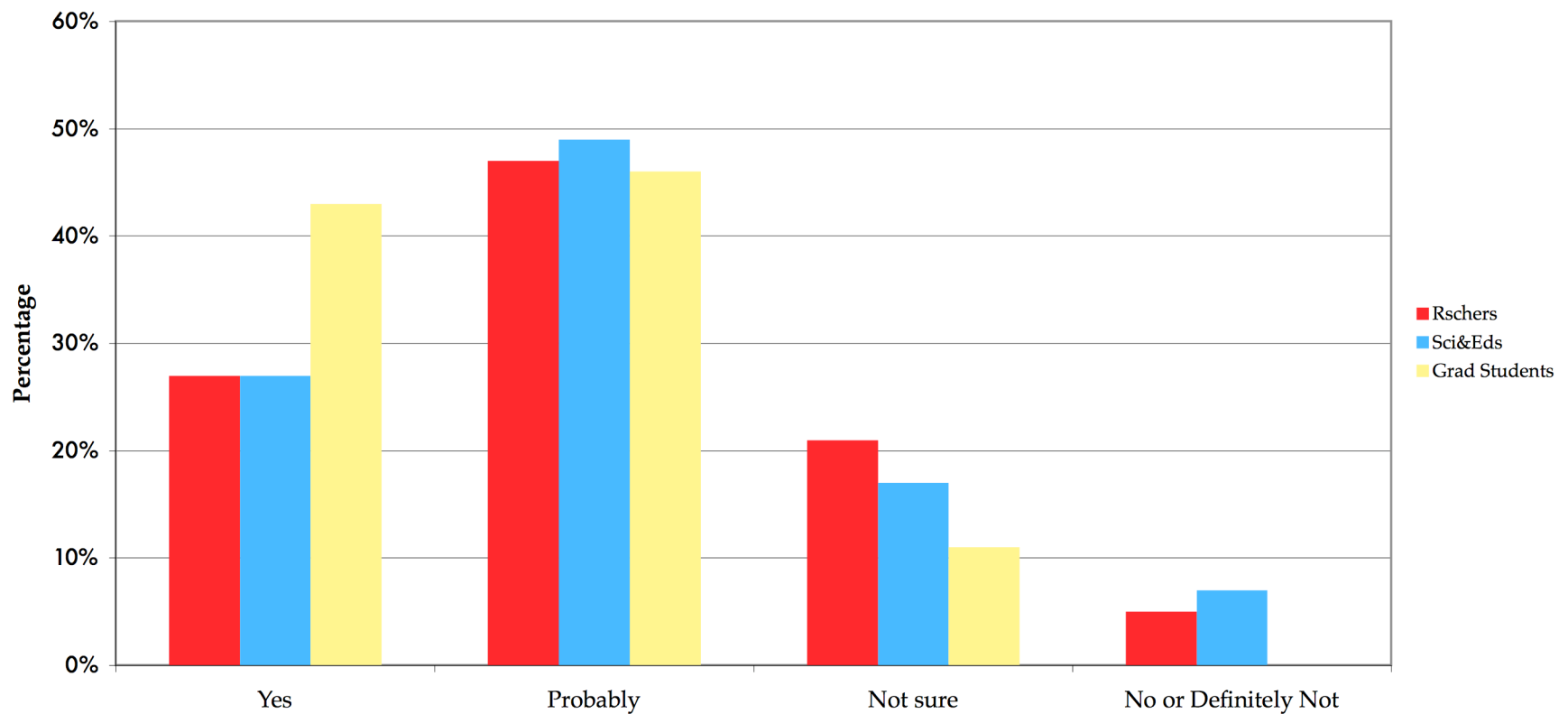
Research, Broader Impacts & EPO

Scientists & Grad Students 2010: Broader Impact Good Way to Facilitate Research/EPO Link?



Broader Impact Help

Scientists & Grad Students 2010: Need Help With Broader Impact?



Broader Impact Needs

(no percentages yet)

- Good examples, good models of BI sections & projects
- Projects to plug into
- What's realistic for the money
- Projects other than websites and teachers
- How to engage at the right audience level
- What really works
- Are BIs working
- Specifics on what funders want
- How to find help
- Training, advice



What We've Learned: Scientists Are Different From One Another



- Drawn into science for different reasons
- Have different EPO views, interests, skills & commitment
- Have different needs (including requirements)

Need to understand our collaborators better
and tailor to their needs!

Thanks to All
who have contributed to
our annual surveys!

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