

# EARLY CAREER CRUISE PARTICIPANTS



Emily Mellicant (NSF)  
with Caitlin Mandel and Hannah Dallas (UNOLS)

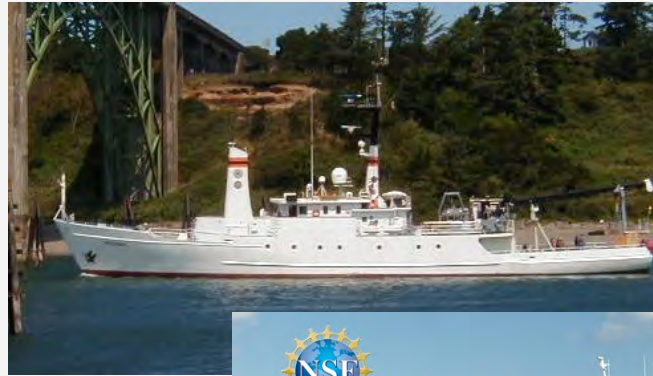
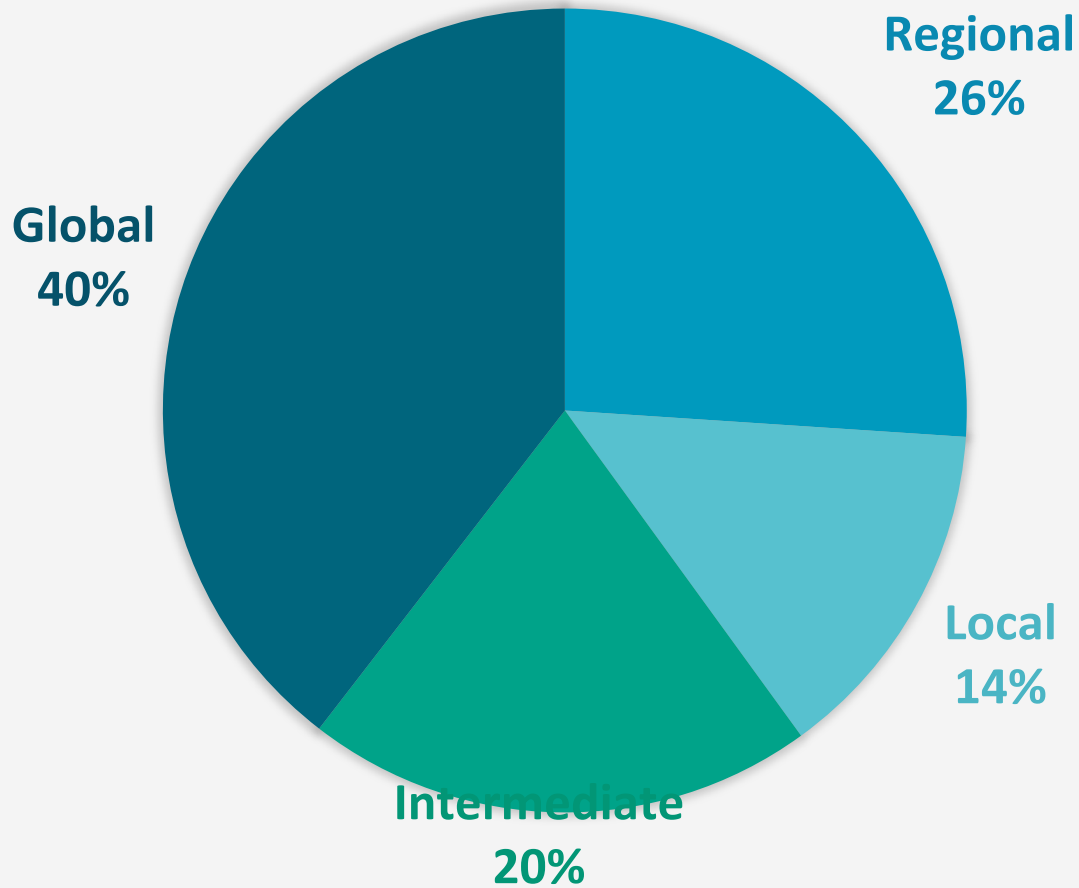


## EARLY CAREER CRUISES

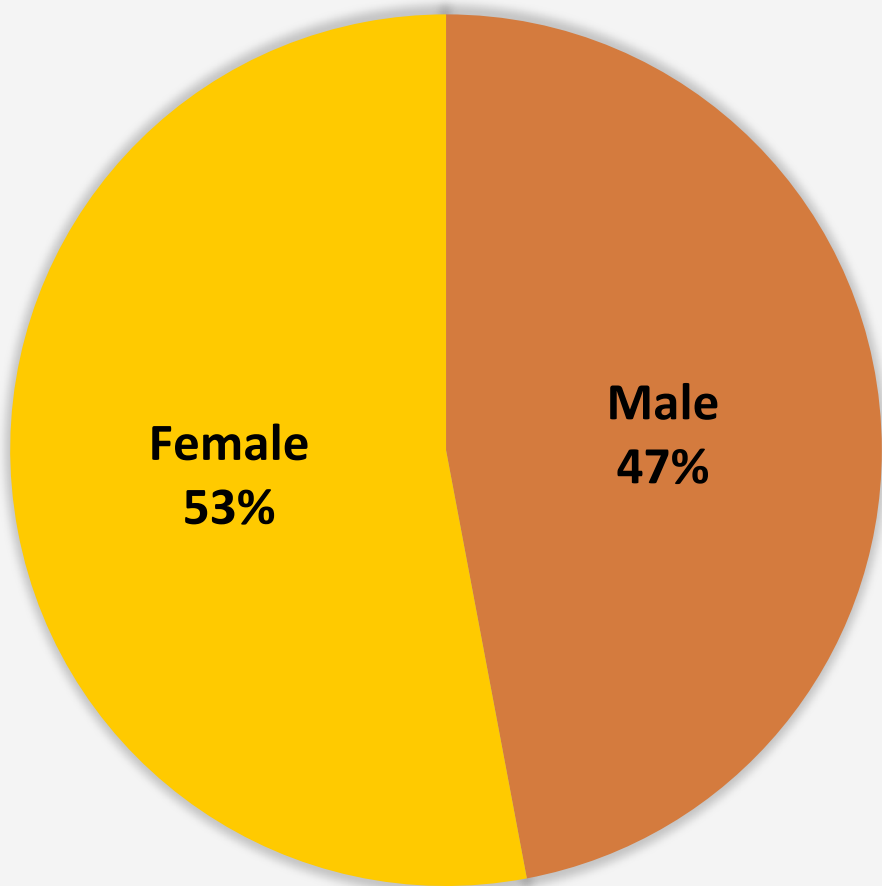
- 14 cruises run by 10 different PIs starting in 2011
- 218 participants in total, with 4 participants participating in multiple cruises
- Workshop cost: ~\$1.1 million at ~\$5,022 per participant
- 95 days spent at sea

# RESEARCH VESSELS

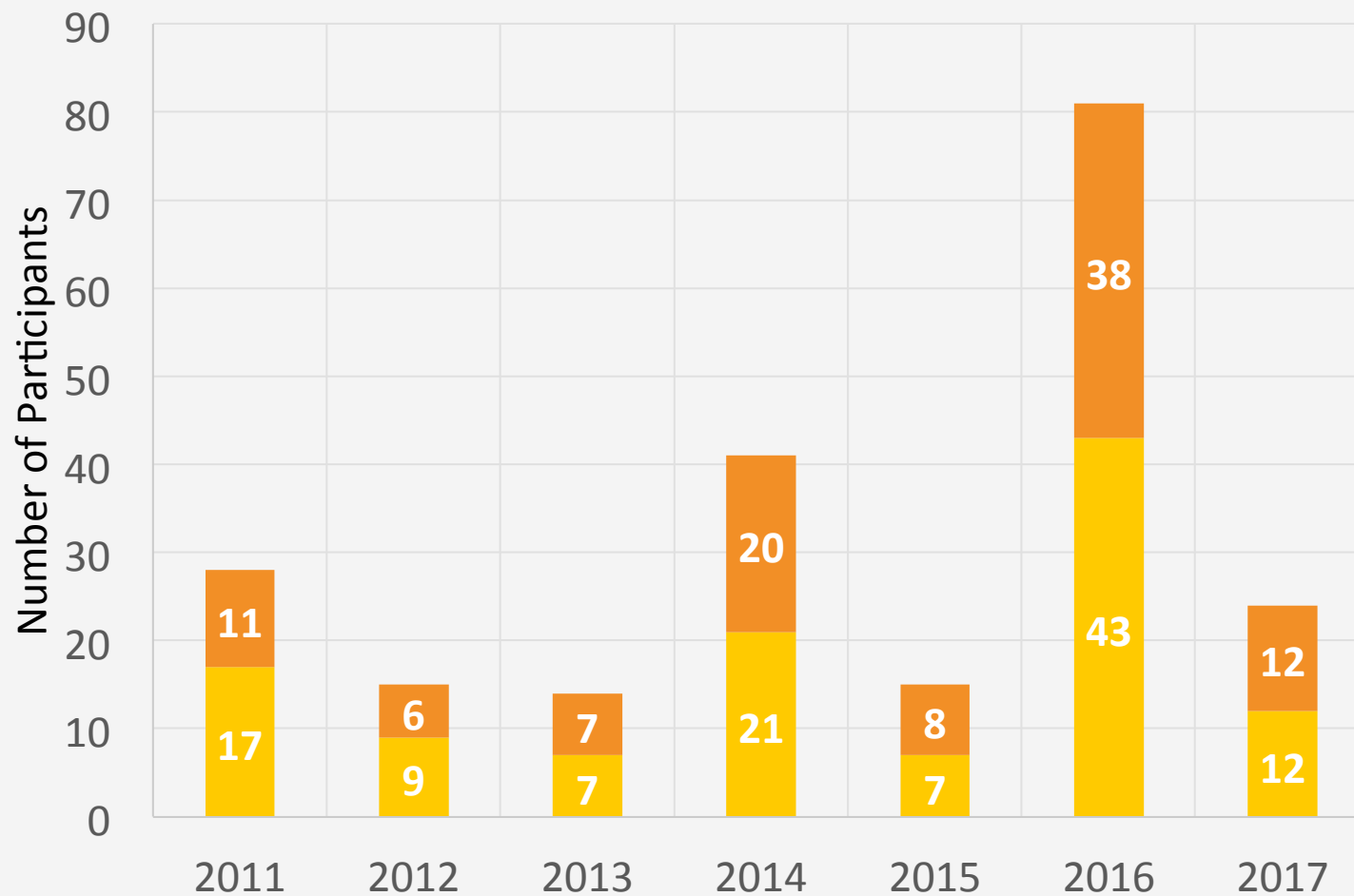
## PARTICIPANTS BY RESEARCH VESSEL SIZE



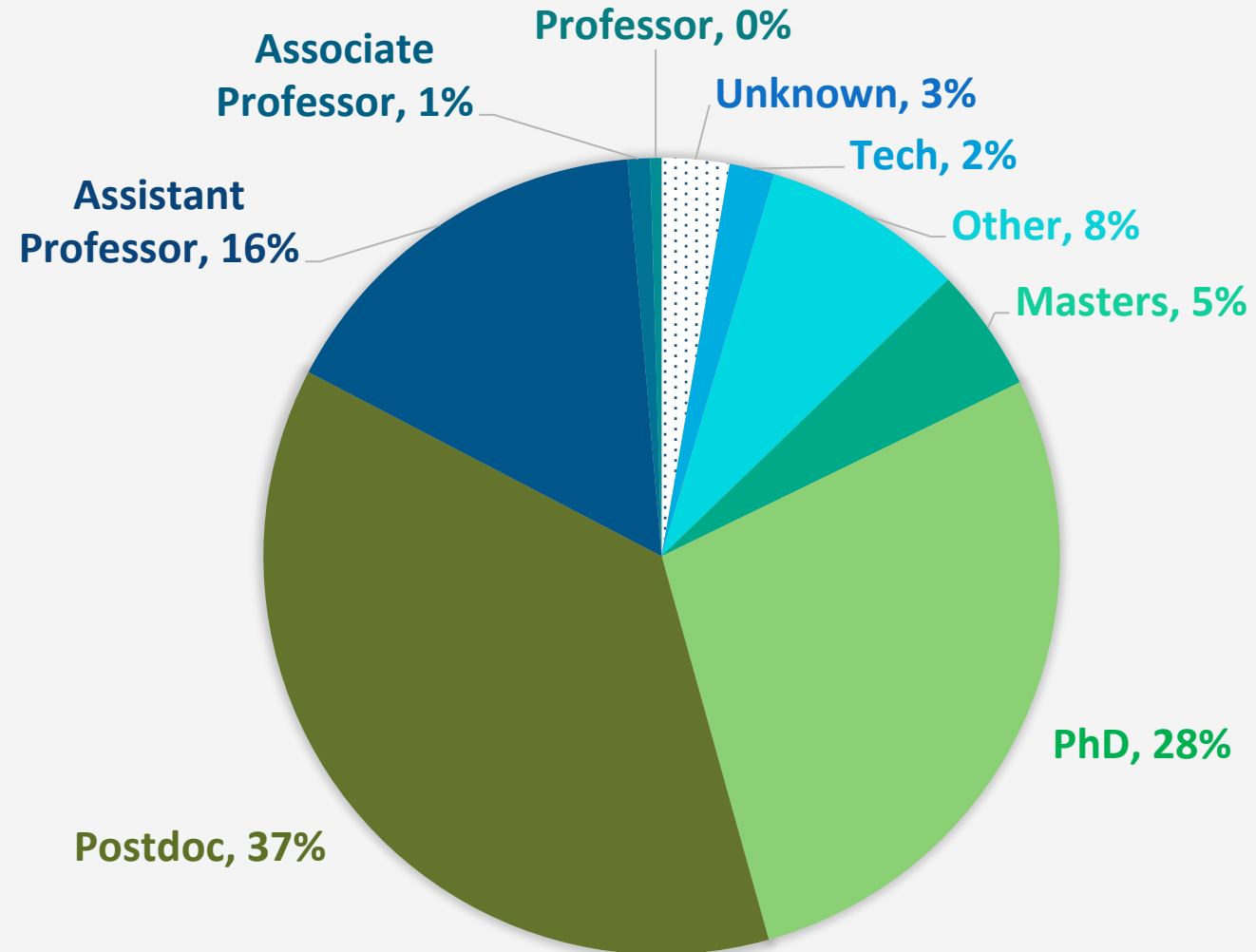
# GENDER OF PARTICIPANTS



Participants by Year and Gender



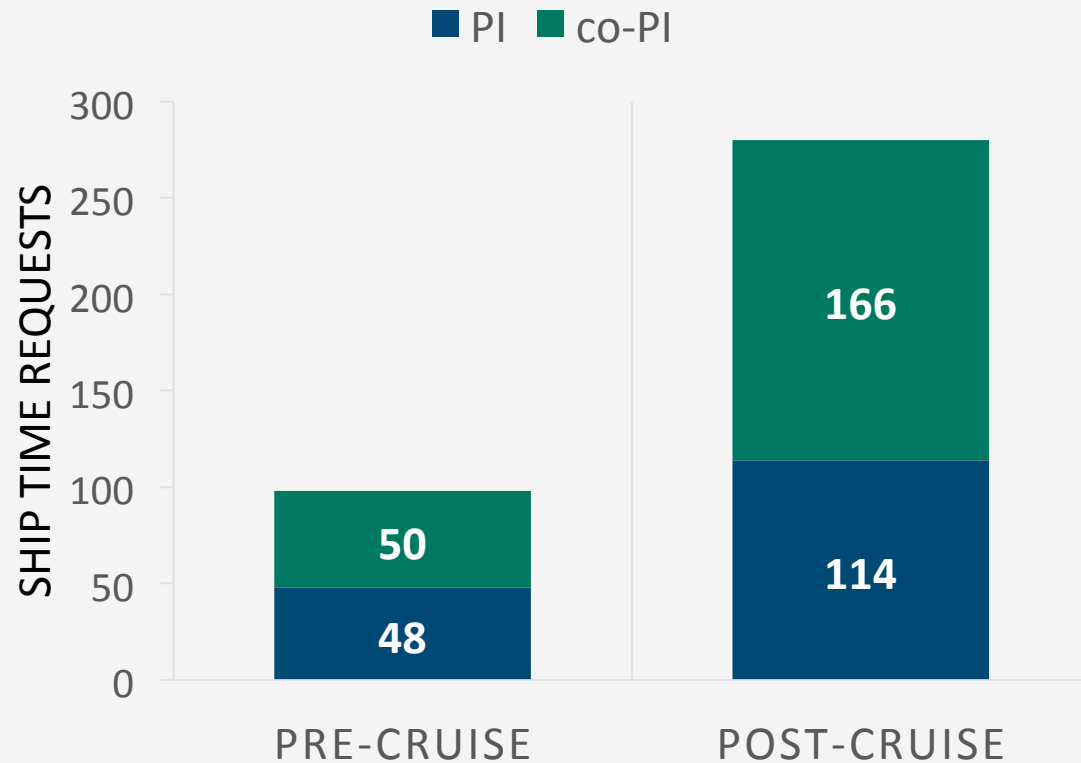
# CAREER STAGE OF PARTICIPANTS



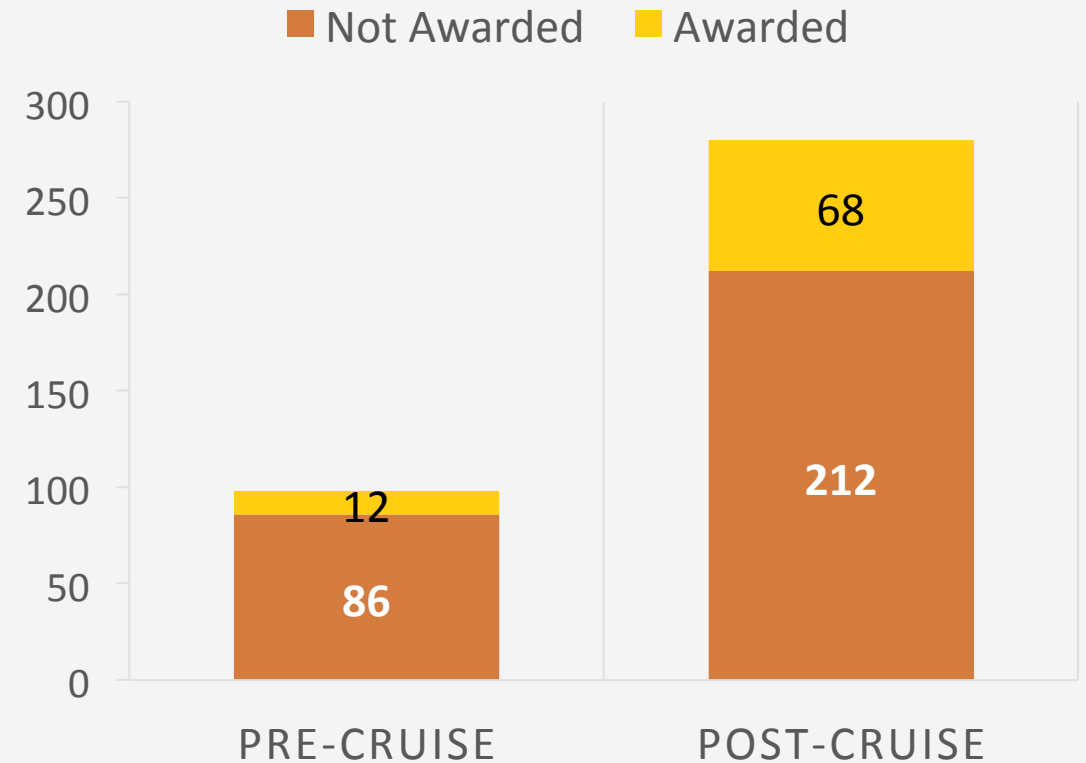


# MEASURES OF SUCCESS- SHIP TIME REQUESTS

**63 of 218 (29%)** participants submitted ship time requests, with **31 new investigators** submitting for the first time after their cruises



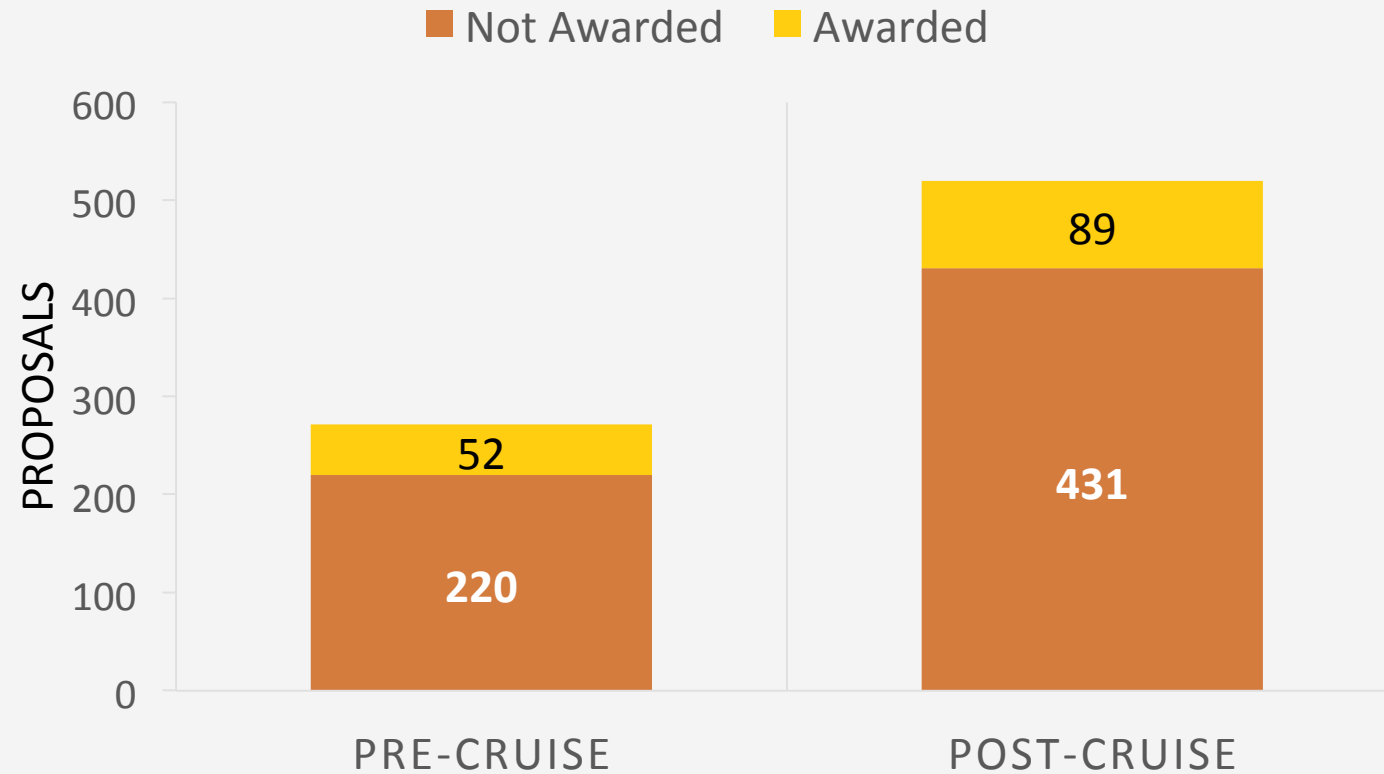
Submissions as a PI increased by ~138% while submissions as a co-PI increased by ~232%



Success rates prior to the training cruise were around 12%, while post-cruise success rates doubled to 24%

# MEASURES OF SUCCESS- PROPOSALS

**111 of 218 (50%)** participants submitted proposals with **41 new investigators** submitting for the first time after their cruises



Submission of NSF proposals doubled post cruise. Success rates prior to the training cruise were around 24%, while post-cruise success rates were 21%



## MOVING FORWARD

- A COV recently recommended that a specific solicitation should be created for early career cruises to move away from using EAGER awards as a way to increase mentor diversity and ensure project competitiveness
- NSF may begin requesting a post-cruise survey of participants with participant gender, career stage, institution and previous experience submitting proposals
- This information is often included in the Final Reports submitted by PIs, but is sometimes absent or incomplete
- New requirements for branding

