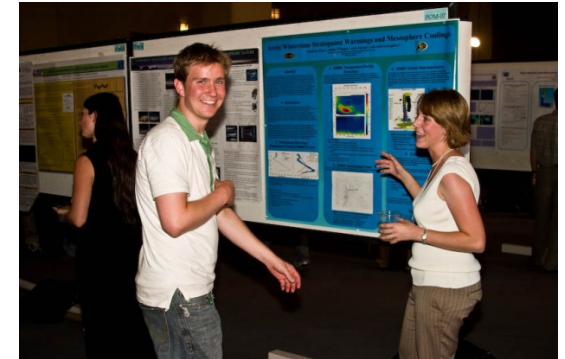


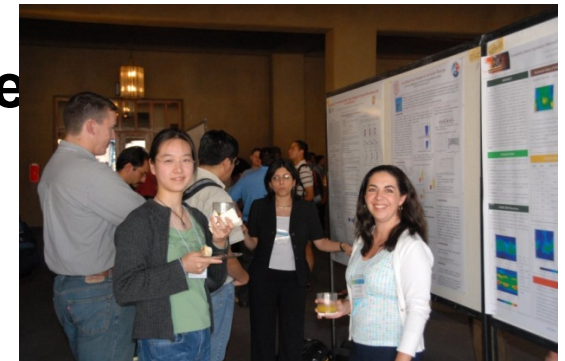
# Community Building: Providing Student Networks



**Annual Summer Workshop**  
~ 300 participants; ~100 students



**Annual Summer Workshop**  
~ 220 participants; ~60 students



**Annual Summer Workshop**  
~ 200 participants; ~60 students



# Some Educational Opportunities

- CAREER awards (deadline in July)
- Research Experience for Undergraduates (REU) and REU site proposals
- Research Experiences for Teachers (RET)
- NSF Graduate Research Fellowship (deadline in November)
  - ✓ our community needs to have more applicants!



# Graduate Research Fellowship Program (GRF)

## What is it? Who can apply?

- NSF sponsored, 3 year, fully funded fellowships awarded to **students** not PIs.
- eligibility: US citizen, US national, permanent resident
- eligibility: senior or first year grad student(\*)
- eligibility: intended for graduate study in NSF-sponsored field.

(\*) there are exceptions; they are rare.



## How, When to apply?

- <http://www.nsfgrfp.org/>
- [http://www.nsfgrfp.org/how to apply](http://www.nsfgrfp.org/how_to_apply)
- you'll use NSF Fastlane
- Applications due early November annually (see NSF WWW site for details).



## why apply? it's a lot of work!

- Super chance for first proposal writing experience
- Very prestigious resume bling
- Geospace doesn't have a large undergraduate presence; we're under served.
- Each GRF awarded in Geospace is worth about \$300k of \*new\* money in Geospace (tuition, stipend, overhead)
- If you get an NSF GRF while you're still an undergrad, you will be admitted to every grad school that you apply to (exceptions are very rare!!!)



# A few words about your GRF proposals...

- They're short; six pages (with three well defined sections).
- To have a chance, **the prose must be brilliant and flawless!**
- You are asked to lay out a research program that you will pursue: you are \*not\* expected to follow it; it just has to seem plausible.
- First Year grad applicants are held to a higher standard than undergrad seniors; awarded approximately equal numbers.
- Success rate ~ 1 in 10 to 1 in 20: very competitive!



# NSF/NASA Collaboration

- NASA/NSF Partnership: Collaborative Space Weather Modeling (FY2013 through FY2017)
- CubeSats – Wallops technical expertise
- Program Directors – closer collaboration
- We are hoping to establish for FY 2015 a few NASA/NSF Centers of Excellence