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
- 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

- CubeSats – Wallops technical expertise
- Program Directors – closer collaboration
- We are hoping to establish for FY 2015 a few NASA/NSF Centers of Excellence