

# Geospace Science Update

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# Outline

- Section Update
  - Staffing
  - Need for Space Weather Program Officer
- FY18 & FY19 Activities
  - Budgets
  - Solicitations
  - Anti-harassment policy
  - Need for reviewers



# AGS and the Geospace Section



AGS Division Director  
Anjuli Bamzai



Section Head  
Michael Wiltberger



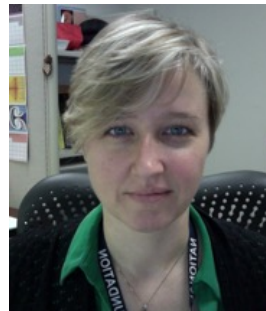
Aeronomy  
Roman Makarevich



Magnetosphere  
Lisa Winter



Solar Terrestrial Research  
Iliia Roussev



Geospace Facilities  
Carrie Black



Expert  
John Meriwether



Space Weather  
We Need You!



# Thanks for their service



Space Weather Research  
S. Irfan Azeem

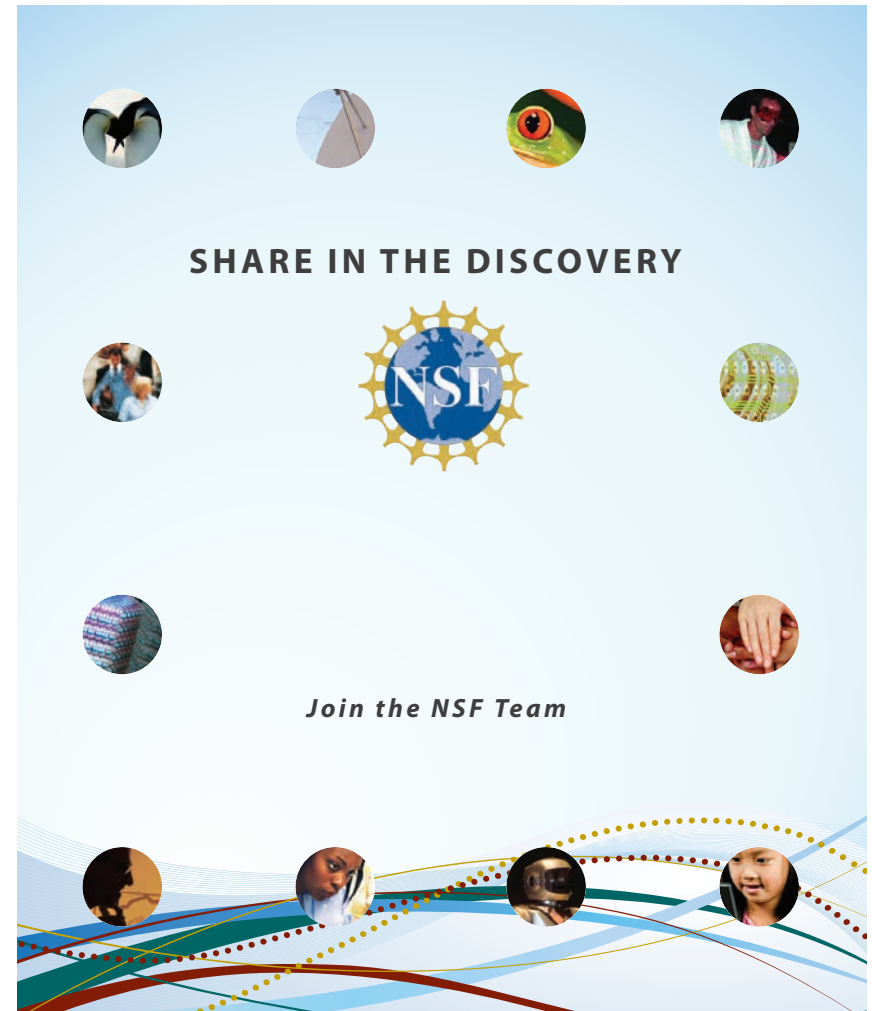


Geospace Expert  
Sunanda Basu



# Call for rotators

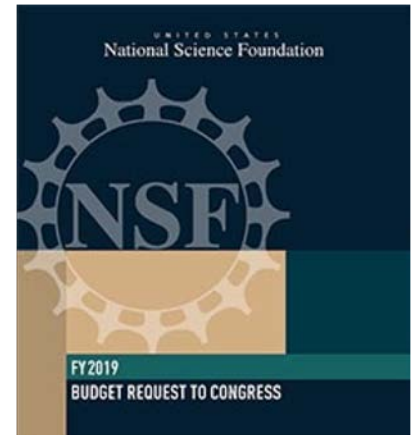
- Need to fill in remaining position with IPA rotators
  - Initial term is 1 year with options for up to 4 years in total
  - Checkout
    - DCL – [AGS 19-002](#)
    - Google [NSF Rotators](#) for more information
- Looking for scientists with expertise in space weather
- Seek out me or any GS PO for more information





# NSF and AGS Budgets

- Funding and operations were impacted by the prolonged government shutdown
  - Prior to that we operated through a series of CRs
    - Received a fraction of FY18 appropriation levels
  - Final budget appropriation has a 4% increase over FY18 to \$8.1B
- Budget details for the Directorates and Divisions are still being finalized
  - Expecting a significant fraction of the increase to be targeted towards the Big Ideas
  - Currently we have received about 98% of the FY18 level





# Quick Facts about FY18

- Overall spending in section was \$50.3M up 4% from FY17

- Support for CubeSat program from AGS Division Director
- Funds from division to pay down mortgage rates

AER	MAG	STR	SWR	FAC
12.6M	7.9M	8.3M	3.5M	17.9M

- These reflect “loans” from SWR to AER (1.5M) and FAC (2.7M)
- Additional facts about AER, MAG, STR, SWR grants in 2018
  - 56 new awards made in FY18
  - ~70% of new awards made as standard grants
  - ~25% average mortgage rate for the section



# Facility Update

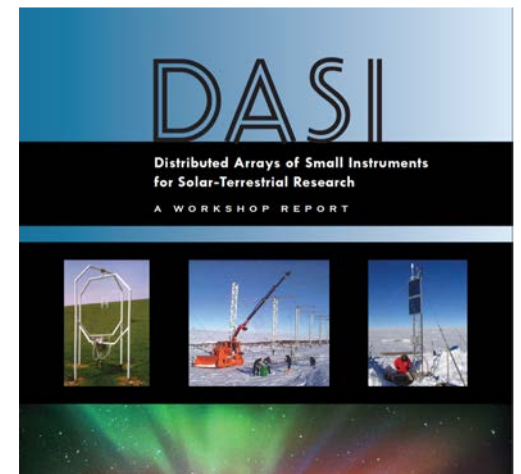
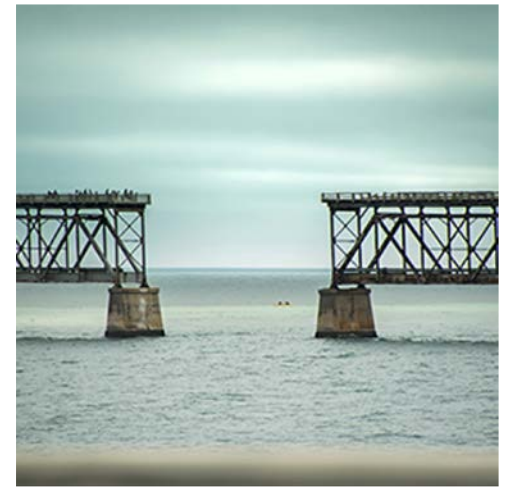






# FY19 Solicitations

- Mid-scale
  - R1 – Design and Implementation projects
    - ~250 proposals requesting \$2.5B and 42 were invited to submit full proposals
  - R2 – Major shared infrastructure
    - Received 48 proposals requesting \$2B and 14 were invited to submit full proposals
- FDSS
  - Supports new tenure track faculty positions
    - Evaluation of robust response underway
- DASI
  - Instrument development and deployment of arrays
    - Currently reviewing submissions





# AGS Postdoctoral Research Fellowships

- After a hiatus the AGS-PRF program has returned to support highly qualified early career investigators independent research efforts
- Solicitation Information
  - Provides two years of support
    - 94K in year 1 and 96K in year 2
  - Award made directly to PI, but need to identify a host institution
  - Graduate student or less than 2 years since PhD to apply
  - No deadlines
  - Google [NSF AGS PRF](#) for more information





# Steps against Harassment

- The National Science Foundation (NSF) will not tolerate sexual harassment, other forms of harassment, or sexual assault, within the agency, at awardee organizations, field sites or anywhere science or education is conducted.
- New terms and conditions going into effect on Oct 21 require awardee organizations to report findings of sexual harassment
  - Currently applies to PIs and CoPIs
  - New CGI increments will trigger the reporting requirements
- See [NSF Harassment Page](#) for more details





# We need you!



- The heart and soul of the NSF proposal review process is the participation of experts such as yourself
  - Please, please, please agree to contribute ad hoc reviews and join panels
- New solicitations and cross directorate activities are increasing the demand for reviewers
- Thanks to all who have already stepped up!



# Thank you – Questions?

- Happy to provide answers 😊

