

GLAST Fellows Program

A Status Report

GUG Meeting, March 3, 2008

GLAST Fellows program

- Described at previous GUG meetings
(http://glast.gsfc.nasa.gov/news/2007/glast_fellows.html)
- http://cresst.umd.edu/GLAST_Fellows/
- Summary
 - 3 fellows selected per year, for three-year terms
 - similar to fellows programs of HST, Chandra and Spitzer
 - many thanks to the GUG Fellows advisory subgroup (Roger, Buell, Matthew, plus Janice Lee), to Sandy Barnes, Lee Mewshaw and CRESST Central (David Holdridge), and to the unnamed reviewers all of whom worked over the holidays.
 - proposals were due December 7, 2007. Followed AAS Guidelines.

GLAST Fellows Program

- Response
 - 45 proposal received, excellent candidates
 - Topics mixed
 - AGN 5
 - GRBs 13
 - Dark Matter and New Physics 8
 - Theory (plasmas, acceleration) 5
 - Populations, multiwavelength studies of a cross-topic nature 7
 - Galactic compact objects 3
 - Diffuse (gal and exgal) 3
 - Solar 1

GLAST Fellows Program

- Peer panel
 - 8 members
 - Mixed expertise to match proposal subjects
 - Two stage process
 - First stage-3 reviewers for each proposal
 - Top 17 were selected for second stage
 - All reviewers read each of the second stage proposals
 - Second stage proposals rescored
 - After the second scoring, top 3 were separated from the rest
 - Three fellows and three alternates were selected

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- Selected Fellows
 - No duplicate institutions
 - All already hold PhD
 - Called all three individually
 - All selected Fellows accepted
 - Alternates were released 2/19/2008 (one was selected as a Hubble Fellow)
 - will soon have a web story on selection, and a telecon with all three fellows + Project Scientists + GFPO + GUG Chair+ Instrument PIs

Some Interesting Issues

- best practices involving alternates (unanticipated issue, but worked out well)
- reasons for institution changes during Fellowship
- post-selection (but before start) institution changes
 - listed alternate institutions relevant or not?
- OK to have one fellow each year going to *same* institution?
- institutions courting our Fellows

GLAST Fellows Program

Charter Fellows

Dr. Nathaniel R. Butler

- Astronomy and Space Sciences Department, University of California, Berkeley
- Title: Timing, Spectroscopy, and Broadband Modeling of Bursting Transients
- Proposed Institution: UC Berkeley

GLAST Fellows (Continued)

- Dr. Vasiliki Pavlidou
 - Kavli Institute for Cosmological Physics, The University of Chicago
 - Title: Blazars and the GLAST extragalactic gamma-ray background: understanding the guaranteed contributions to constrain the unknown and exotic.
 - Proposed Institution: TBA imminently, pending endorsement (some personal logistics)
- Dr. Uri Keshet
 - Institute for Advanced Study, Princeton
 - Title: Collisionless Shocks in Astrophysics
 - Proposed Institution: Harvard University