

Fermi GI Program Update

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- Cycle-12 proposal submission March 20, 2019
 - Delayed 1 month by gov. shutdown
 - Review slipped only 1 week *wrt* initial plan
- Final selections were delayed ~1 month awaiting SR2019 outcome
 - Awards made in early August
 - Grant administration ongoing
- Cycle13 deadline is February 19, 2020
 - Small NRA edits still possible, but SOON
- Cycle-14 → DAPR

Cycle 12 Summary

- 98 proposals received, 36 selected (41 grants)
- Response to proposal call trending downwards
 - Government shutdown → scheduling issues; HEAD meeting, 3 deadlines in < 2-week period
- 36% approval rate, improvement *wrt* recent cycles when rate was as low as 20%
- This rate nearly equals the average for NASA GO programs

Cycle 12 Proposal Statistics

98 proposals received, involving 275 individual investigators and 180 institutions

includes: 1 Large, 1 Progress Report

\$6.29M requested, \$65k/yr average award anticipated

Assuming \$2.5M new funds (and \$0.15M obligation) oversubscription is ~2.7X (or ~37% selection rate)

Joint programs (proposals/obstime) / quotas

Requested / Total Allocation

NRAO: (14/380) / (450-600 hrs on GBT, VLA & VLBA)

NOAO: (5/720) / (3-5% for various telescopes)

VERITAS: (1/30?) / (120 hrs)

INTEGRAL: (2/450) / (250 ksec)

Awarded:

36 Programs (35 grants) plus
Progress Report continuation
1 Large Project

Total grants: \$2.48M (+ \$0.15M obligations)

NOAO: 1

NRAO: 9 (6 VLA/VLBA, 3 GBT)

INTEGRAL: 0

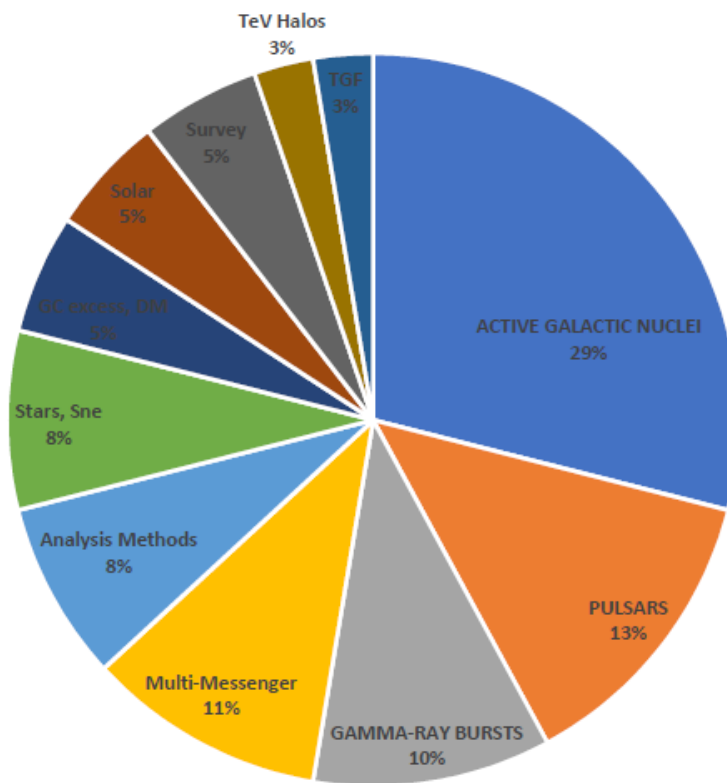
VERITAS: 0

Topical Distribution

Diverse and balanced range of science topics & activities selected.

Note growth of M-M wedge.
AGN remain predominant

Topical Breakdown

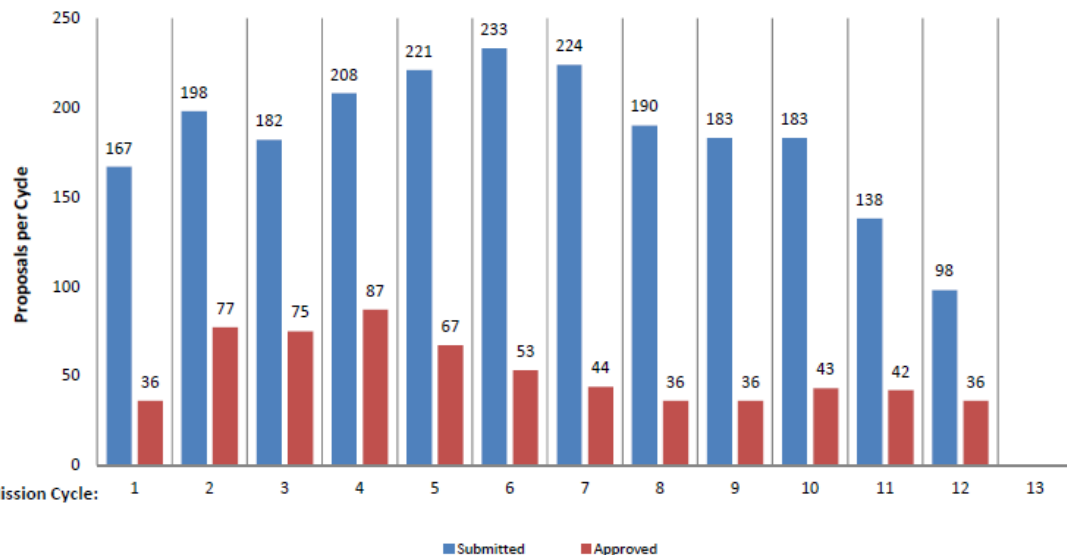


Cycle12 Budgeting

- Funding levels:
 - \$2.5M: \$2.35M new awards, \$0.15M cycle10-11 obligations
 - Dollar over subscription, 2.8X
 - With revised caps average grant \$65k (compared to ~\$55k cycles 8-11)
- Fermi is unique among mission GI programs in that we effectively set the oversubscription level
 - **Question for For FUG:** Are the current caps (\$70k/\$150k) an optimal strategy?

GI Program History

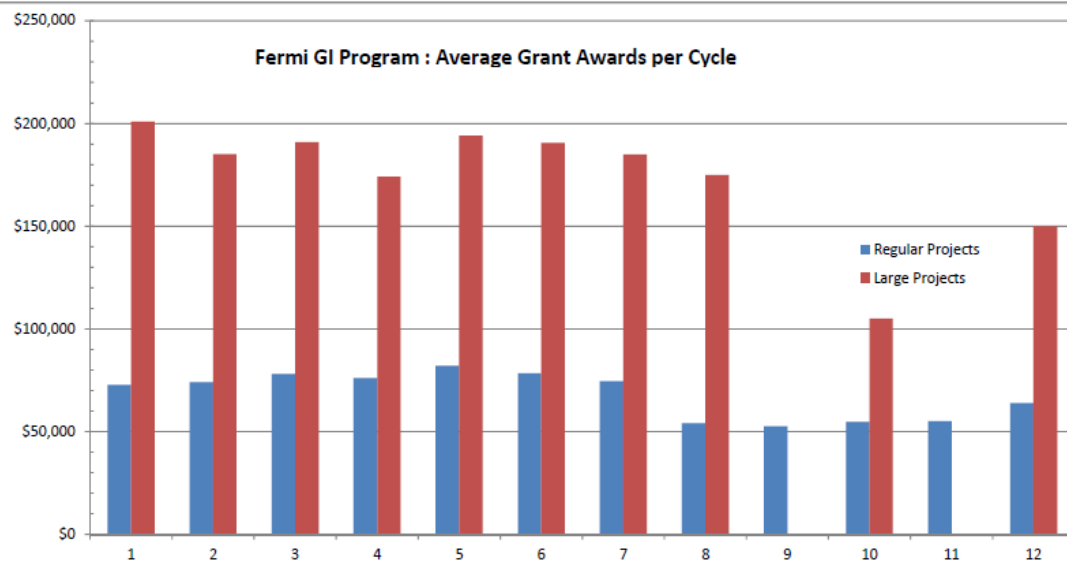
Fermi GI Proposal History



Selection rate was more favorable ($\sim 1/3$) and now similar to that of overall NASA GO programs (30%).

17% increase in grant level as result of last years increase caps (as per FUG recommendation).

Fermi GI Program : Average Grant Awards per Cycle



Cycle 13

- Schedule: Feb. 19, 2020 proposal due date
 - ~early May review, July stage-II awards
- Budgeting tbd, hopefully program can continue to select 30-40 programs
- No significant policy changes anticipated
 - Unless FUG consensus on new caps? other issues?