

# GammaSAG Status

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- **Compiled a strawman high-level proposal for a GammaSAG**
  - **Proposal intended to define goals and deliverables broadly, leaving details to be refined by the group**
- **Informal discussions with members of the community**
  - **To help with perspectives that Liz and I don't have ourselves.**
  - **These discussions are ongoing**
- **Option for expansion will be left open to future discussions**
- **Web page will be developed similarly to other SAGs**

# Goals

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- Provide an assessment to NASA HQ and the PCOS program office of the current status and the current and future needs of the gamma-ray astrophysics community.
- Act as a focal point and forum for the gamma-ray community.

# Deliverables

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- 1) White paper briefly surveying current state-of-the-art capabilities (Aeff, PSF, polarization sensitivity, energy range, sky coverage), major open science questions, reasonable possibilities for leaps in capabilities over the next 10-15 years, and possible science return corresponding to those capabilities. The paper would separately cover the techniques used in each gamma-ray band -- Compton telescopes in medium energy and pair conversion telescopes in high energy -- and both balloon and satellite platforms. A summary of ground-based very-high energy instruments will be included to set context.
- 2) List of technology development needs based on the white paper discussions with possible timelines
- 3) Suggestions to help support the specific needs of this community: organizational, scientific, funding.

# Timeline

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- February - May 2012: one or two mini-jamborees with presentations followed by one synthesis. (Teleconferences or associated with major meetings.)
- May - July 2012: compile/write white paper.