

# Legacy Proposals for GLAST GI Program?

(Aug. 04 AI # 11, Josh and Rita)

The GI program for GLAST should allow for *Legacy Projects* defined as:

- very large surveys or major investigations, usually with multi-team efforts
- multi-year investigations, as required by the science (e.g. long-term variability)

Given the projected level of support required (~\$250K/yr), the GI program will be able to support only ~3 such programs at any time. The science and promised return must therefore be of exceptional quality and importance for the overall legacy of the GLAST mission.

Given the limitations imposed by Instrument checkout and initial operations during year 1, the first call for Legacy Proposals should be with the Cycle 2 call for proposals, which should be released ~6mo. after launch so that Legacy Programs can begin early in Year 2 of Observatory operations.

# Spitzer Legacy Programs

- **Motivation: maximize science for cryogenic**
- **No pre-selected science areas**
- **Time: \_ in first year 3000/6000 hours**
- **Total of 4000 hours in first 18 months**
- **Total funds: \$20M over 3 years (6 projects)**
- **No more than 10% of funds for ground based  
NOAO**

- **Spitzer Legacy Programs defined by 3 criteria:**
  1. **Large amount of time**
  2. **Broad, long-lasting science database**
  3. **Raw & pipeline data public immediately**
- **No ToO**
- **Follow-up observations in 2<sup>nd</sup> year as “predictable 2<sup>nd</sup> look”**

# GLAST Legacy Program

## 1. Starting first year

- maximize use & publication of survey data
- database of products ?

**Guarantees reliable science results from well-formed teams**

## **2. Starting 2<sup>nd</sup> year**

- 20-30% of GO time**
- science that does not duplicate survey data**
- broader in scope than GO proposals**

**More similar to “classical” Legacies**

**Survey data will provide input IF reliable results will be published in time**

# Legacy Workshop...?

- Mid/end 2006
- **Define key science areas**
- **Form Teams**
- Location TBD (GSFC?)