



Spitzer Cycle-12 Proposal Submission Statistics



Cycle-12 Call for Proposals



- **As in Cycle-11, priority will be given to observing programs that highlight:**
 - *Astro2010 science themes*
 - *Planetary science programs observing targets in our Solar System.*
 - *Investigations that concentrate on developing the scientific landscape that JWST will explore, or will help maximize the JWST scientific return*
- **Innovative investigations with scientific high risk/gain are particularly encouraged**



Overview



- **Cycle-12 is an incremental call for proposals offering an additional 1,000 hours of priority 1 observing time**
 - *Executes December 2015 – September 2016*
 - *9000+ hours selected in Cycle-11 to execute through FY16*
- **Maximum proposal size is 100 hours**
- **Maximum data analysis funding available per program = \$10,000 (total \$200-300k)**



Proposals Received



- **104 proposals requesting 3408 hours**
 - *Includes 4 high-risk/gain proposals*

Hours Requested	< 10	10 - 50	50-100
Number of Proposals	34	46	24
Total Hours	165	1128	2115

For comparison, Cycle-7 had a maximum proposal size (200 hrs)

- 123 proposals requesting < 100 hours received (3802 hours)
- \$2 million data analysis funding available in Cycle-7



Science Overview



- **Galactic** **68 proposals** **2326 hours**
 - *majority (65% hours) in exoplanets*
 - *4 high-risk/high-gain proposals*

- **Extragalactic** **32 proposals** **993 hours**
 - *majority (60% hours) in high-z galaxies/cosmology*

- **Solar System** **4 proposals** **90 hours**
 - *85 hours KBOs and 5 hours asteroids*



Joint Time



- **14 proposals request HST time - total 149 orbits**
 - *up to 60 orbits available*
- **2 proposals request Chandra - total 226 ksecs**
 - *up to 200 ksecs available*
- **Several request simultaneous Spitzer-HST or Spitzer-Chandra observations**



Cycle-12 Schedule



- **Review underway - external reviewers providing grades and comments**
 - *Same process as utilized in Cycle-11 for < 100 hr proposals*
- **Review inputs due October 16**
- **Results released by October 30**
- **Observations begin executing in December**