



Spitzer Cycle-12 Program Selection



Cycle-12 Overview



- **Cycle-12 is an incremental call for proposals offering an additional 1,000 hours of priority 1 observing time**
 - *Maximum proposal size = 100 hours*
- **Priority given to**
 - *Astro 2010 science themes*
 - *Planetary science programs observing targets in our Solar System*
 - *Investigations that will develop the scientific landscape that JWST will explore, or help maximize the JWST scientific return*
- **High scientific risk/gain programs encouraged**
- **104 proposals received requesting 3408 hours**



Scheduling Priorities



- **Priority 1**

- *SSC will endeavor to schedule all priority 1 programs*
- *Since many are highly constrained, some priority 1 programs may not be fully completed*

- **Priority 2**

- *Will execute in gaps in the schedule where no priority 1 programs are available to schedule*



Selected Programs



- **31 Priority 1 programs selected, 945 hours**
 - *Priority 1 time oversubscribed by ~ 3.5*

Type	Submitted		Selected	
	#	Hours	#	Hours
Galactic	68	2326	19	617
Extragalactic	32	993	8	238
Solar System	4	90	4	90
Total	104	3409	31	945

- *65% of the submitted and selected Galactic proposals are exoplanet programs (400 hours)*
- **An additional 240 hours of priority 2 observations (13 programs) were identified**



Director's Discretionary Time



- 3 high-risk/gain programs were selected as Director's Discretionary Time programs

PID/Title	Principal Investigator	Hours	Science Category
12015	Andrew Gould, Ohio State	50	exoplanets
<i>Degeneracy Breaking for K2 Microlens Parallaxes</i>			
12034	Giovanni Fazio, SAO	49.6	compact objects
<i>Understanding How a Black Hole Feeds: Sgr A*</i>			
12082	Jason Dittman, Harvard	100	exoplanets
<i>A Search for Sub-Earth Sized Transiting Planets 12 Parsecs from the Sun</i>			

PID 12034 also includes joint Chandra time