



Cycle 15 Peer Review



- 18-21 June 2013, Hilton, Logan Airport
- No major changes in Cycle 15
- 13 topical panels, 1 BPP (LPs, XVPs)
- XVP Panel:
 - Pundits: met Wed, voted and wrote reports
- Program as last year:
 - Tues, Wed: topical panels (+XVP)
 - Thurs, Frid: BPP (+ initial organizational session Wed evening)
- Reviewer Stats: 110 reviewers, including 5 pundits, 13 chairs



Cycle 15: Final Proposal Statistics

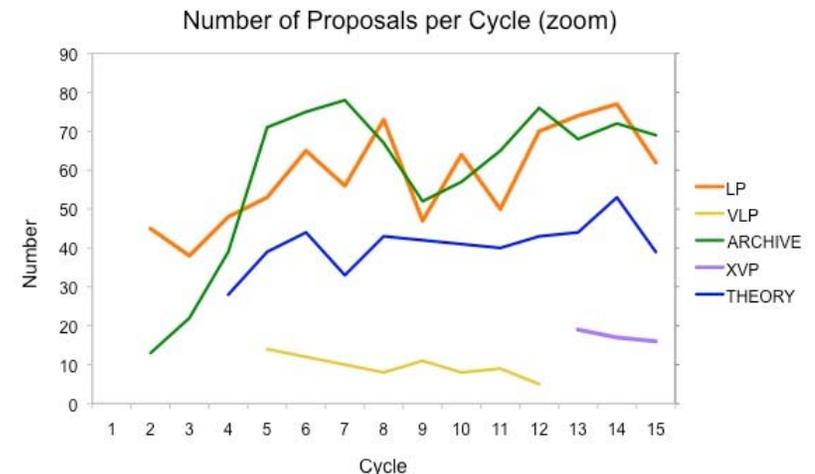
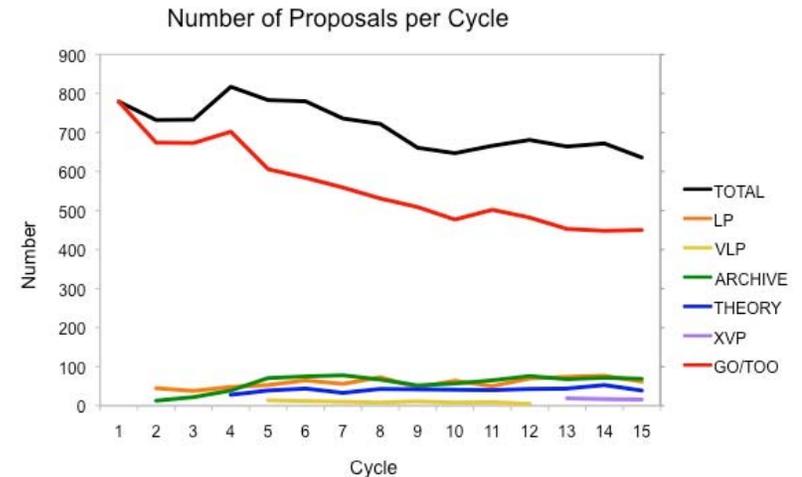


- 636 proposals submitted:
 - GO 450
 - LP 62
 - XVP 16
 - Archive 69 (72, Cyc 14)
 - Theory 39 (53, Cyc 14)

▪ 179 approved

▪ Oversubscription (time): 5.3

▪ Time allocation: 20 Ms



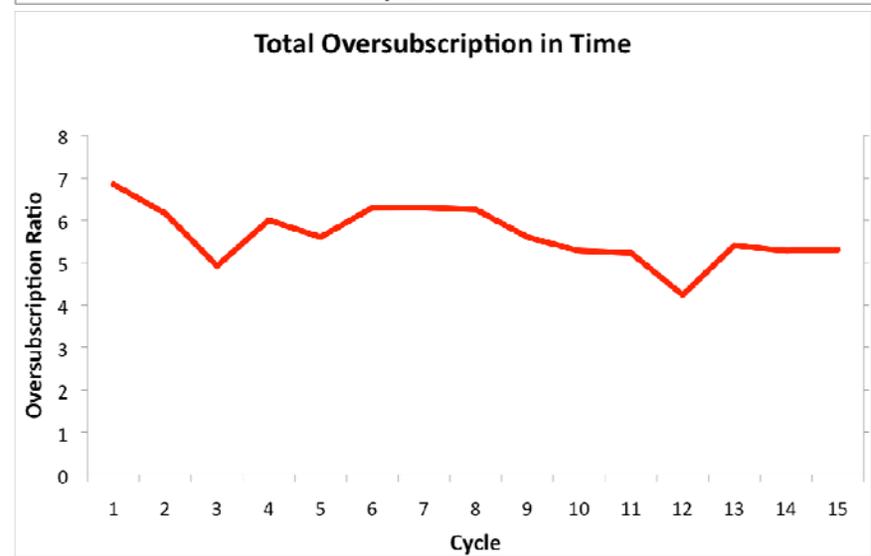
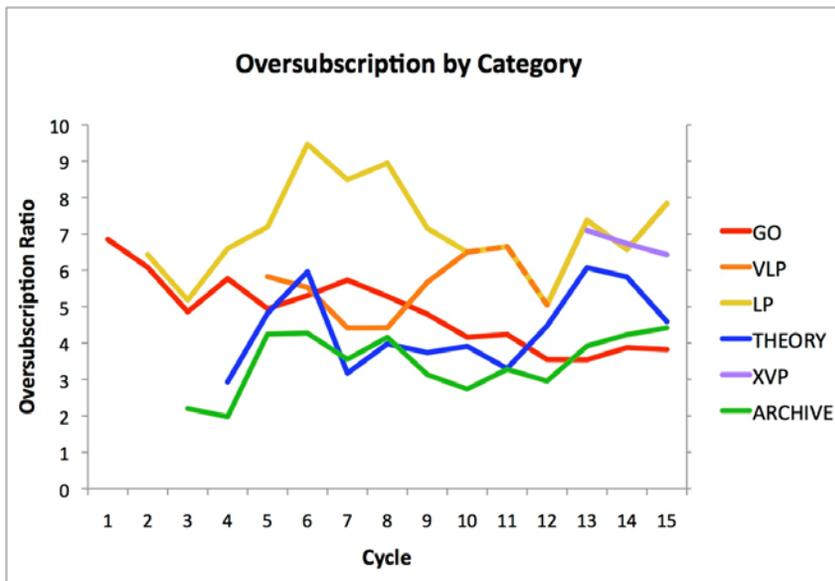
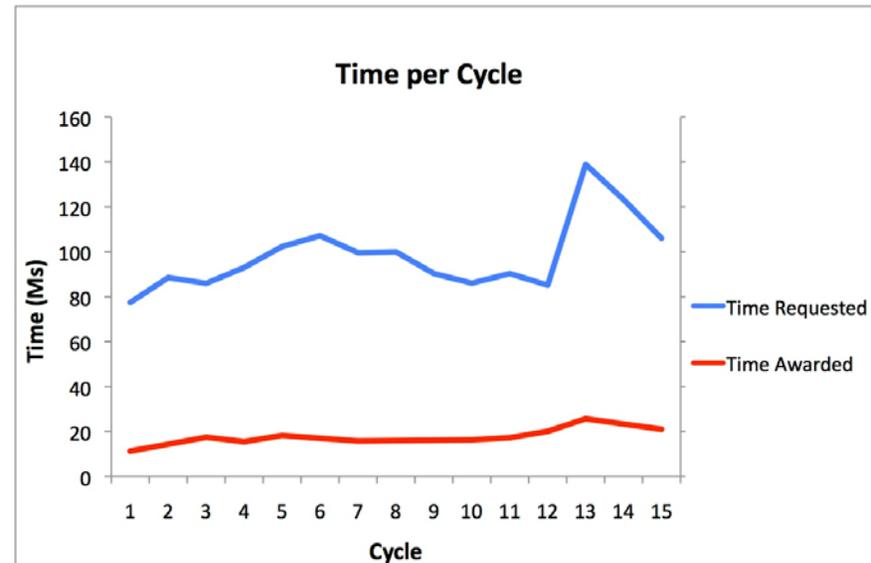


Cycle 15 Proposal Statistics (cont)



Time allocation:

- Total Time: 20 Ms
- LP: 3.6 Ms
- XVP: 5 Ms





Archive/Theory Results

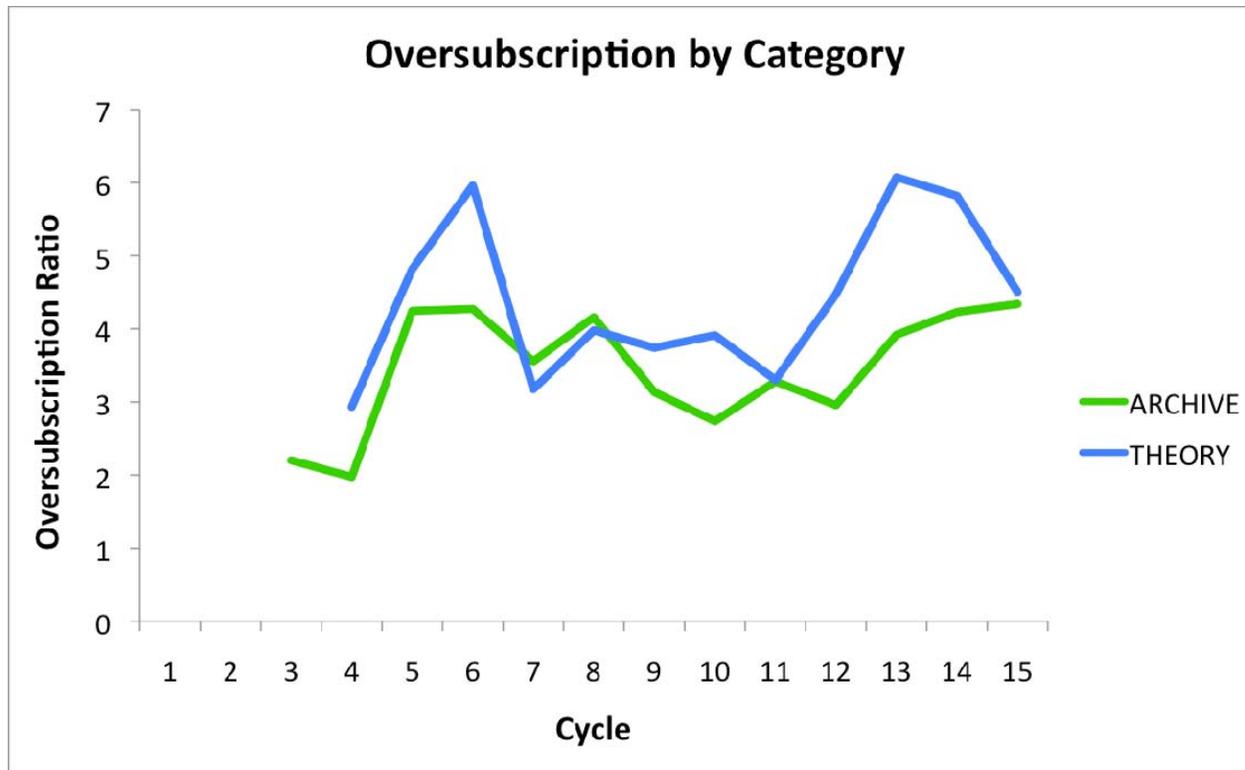


Archive:

- Budget: \$1050K
- Allocated \$1069K (17)
- Over-subscription: 4.3

Theory:

- Budget: \$600K
- Allocated: \$612K (8)
- Over-subscription: 4.5

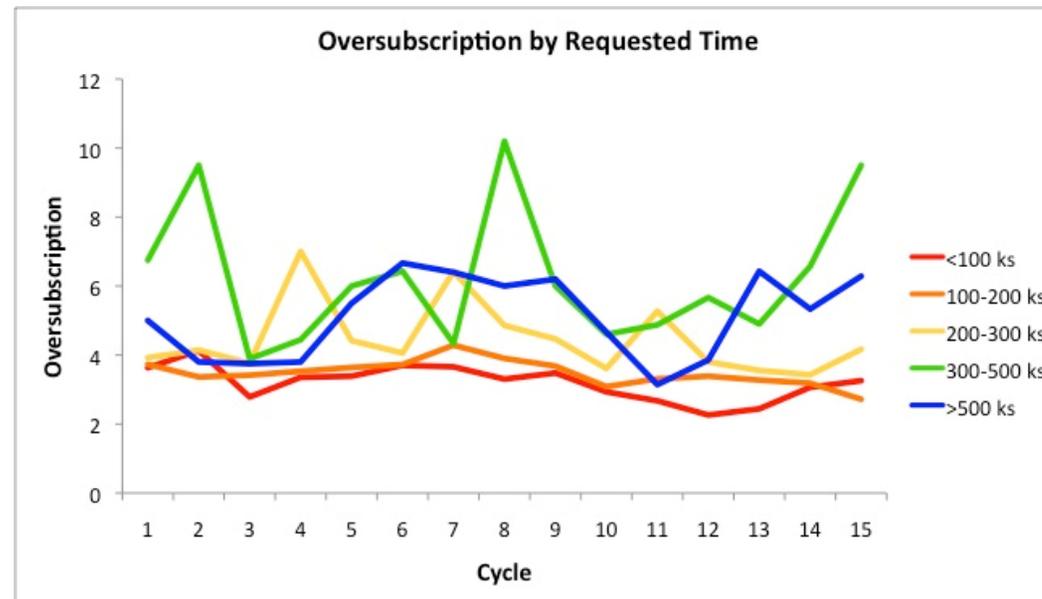




Oversubscription of proposals ~300ks



- LP have time >300 ks, how successful are proposals just below this line?
- Compared oversubscription (requested/accepted proposals) for proposals with total requested time between 0 and 500 ks
- 100-300 ks proposals:
 - comparable/lower oversubscription than small LPs
 - comparable/higher oversubscription than small GOs
- Large GO proposals are not disadvantaged by the current divisions





X-ray Visionary Projects (XVP)



Cycle 15:

- 16 proposals submitted, time range: 1-4 Ms
- Total request: 32.1 Ms (6.4* over-subscribed)
- 2 allocated, for 2,3 Ms, range of science topics:
 - *The Chandra Deep Field South: A Peerless Ultradeep Survey for Exploring the Distant X-ray Universe* (3 Ms, PI: Brandt)
 - *The Tarantula – Revealed by X-rays (T-ReX): A definitive Chandra Investigation of 30 Doradus* (2 Ms: PI Townsley)

Process (as last cycle):

- XVP panel (5 pundits) discussed all proposals and brought recommendations to BPP
- Topical panels discussed XVPs and LPs, as usual
- Final decisions made by BPP after discussion of highest-ranked proposals



XVP Projects from Cycles 13,14



Cycle 14, 4 proposals approved:

- *COSMOS sky survey expansion 1.7 deg² to 160 ks (2.8 Ms, PI Civano)*
- *Planck $z < 0.35$ cluster survey, to complete 165 (1 Ms, PI Jones)*
- *SMC: deep study of low Z populations (1.1 Ms, PI Zezas)*
- *PWNe: deep observations of Relativistic Schocks (1.3 Ms, PI Romani)*

Cycle 13, 4 proposals approved:

- *Resolve the Accretion Flow of Gas Captured by a Supermassive Black Hole in NGC3115 (1 Ms, PI Irwin)*
- *Chandra HETG Ultra-deep Gratings Spectroscopy of Sgr A* (CHUGSS) (3 Ms, PI Baganoff)*
- *The Cosmic Melting Pot in the Virialization Region of Rich Cluster, A133 (2 Ms, Vikhlinin)*
- *Cosmology and Cluster Evolution from the 80 Most Massive Clusters in the SPT Survey (2 Ms, Benson)*



Future of X-ray Visionary Projects



- Cycle 16 time allocation significantly lower: 19.5 Ms:
 - GO 12 Ms (11-12 Ms since Cycle 5)
 - LP 4 Ms (3-4 Ms since Cycle 3)
 - XVP 3.5 Ms (not enough)

- Proposal for future XVP calls:
 - Retain current time allocations for GO, LP
 - Include 2 Ms of Cycle 17 time → **5.5 Ms XVP**
 - Observations (if unconstrained) scheduled during Cycles 16, 17
 - No XVP call in Cycle 17
 - Review XVP call in advance of Cycle 18



Cycle 16: Planned Schedule



- CfP, POG etc. release: 12 Dec 2013
- Proposal Deadline: 13 Mar 2014
- Peer Review: 24-27 June 2014
- Results: 18 July 2014
- E-letters: by 15 August 2014
- Cost Deadline: 17 Sept 2014



Cycle 16: Joint Programs



- Continued:
 - HST, Spitzer, XMM-Newton, NOAO, NRAO, Suzaku
- New in Cycle 16:
 - NuSTAR: 500 ks, subject to SR2014
- Possible in the future:
 - NRAO/ALMA: discussions concerning adding ALMA and a time-exchange continue



Senior Review 2014

NASA Status:

- Draft Call for Proposals (CfP) released by NASA: 2nd August 2013, requesting input
- Schedule:
 - CfP expected November
 - proposal deadline 17 Jan 2014
- CXC Response sent 30 Aug (included request to delay deadline given timing cf. Thanksgiving, Christmas, AAS)

Major Changes:

- Chandra (and HST) will (each) have separate reviews from smaller missions
- Oral anticipated to be a site-visit

CXC Planning:

- Structure and content similar to past SR proposals
- Science team (HT,MW,BW,PE,WT) already in discussion



Workshops and Conferences



In response to sequestration budget cuts, NASA has placed limits on travel, conference funding etc. which have affected our activities:

▪ **Annual Science Workshop:**

- 2013 workshop “*X-ray View of Galaxy Ecosystems*” was canceled
- 2014 workshop: hope to resurrect same topic, not clear we will be able to do so

▪ **15 years of Chandra Science Symposium:**

- Tentatively planned for Nov 2014 in Boston
- Again unclear if this will be able to go ahead

▪ **AAS Meetings:**

- Exhibit continues, with emphasis on science support not E/PO
- Reduced attendees on CXC funds to fit within NASA limits

▪ **Science Meetings:** require prior approval of meeting, and traveler