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, Fri: 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 by Category

CUC 22-23 Oct 2013
Chandra Director’s Office
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
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
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