Chandra Cycle 9

- 661 submitted proposals
- *5.5 oversubscribed (based on time)
- 48 LP, 10 VLP
- Fewer LPs cf Cycle 8 (72)
- 52 Archive, 42 Theory
Total Time Request

- **Change from Cycle 8**
  - Time request down: 9%
  - LP request down 35%
  - VLP request up 35%

![Graph showing time requested per cycle](graph.png)

![Graph showing oversubscription in time](oversubscription.png)
LP now closer to other categories
Time Allocated per Instrument

- ACIS-I: 42%
- ACIS-S: 47%
- HRC-S: 0%
- HRC-S/LETG: 2%
- HRC-I: 1%
- ACIS-S/HETG: 8%
- ACIS-S/LETG: 0%
Results by Science Category

Effective Oversubscription in Time

Surveys: Glc
Surveys: EgIc
Clusters
AGN
Gals: Poplns
Gals: Diffuse
SN, SNR
BH&NS Binrs
WD Binrs & CV
Stars & WD
Solar System

Director's Office  Chandra Users’ Committee, 19-20 Sept 2007
Grating Observations Statistics

• Oversubscription in grating time is constant until Cycle 9 when HETG success rate decreased substantially
• Grating time request is fairly constant, but in Cycle 9 the LETG request was substantially lower
Joint Chandra Proposals to other Observatories

- **Joint Proposals**
  - XMM TAC: 3 (of 17) approved: 180 ksec
  - HST TAC: 3 (of 12) approved: 85 ksec
  - Spitzer: 2 (of 8) approved: 180 ksec
Peer Review

- 18-22 June 2007, Hilton, Logan Airport
- 12 topical panels, 1 Big Project Panel (BPP)

Program:
- Tues, Wed: Topical panels
- Thurs, Frid: BPP

Changes from last year:
- Constrained Observations (next slide)
- Formal list of conflicts and their resolution:
  - Web page for each panel
  - Pre-loaded with known conflicts
  - Edited by deputy chair for additional conflicts and mitigation at review
- Worked well
Constrained Observations

- **Categories:** Easy, Average, Difficult
- **Allocations:**
  - 45, 35, 20
  - based on previous distribution of constraints
- **Allocation at review:** 32, 35, 15
- **Requests:** 345, 47, 52
- **Oversubscription ratio:**
  - **Easy:** 11; **Average:** 1.3, **Difficult:** 3.5
- **Results:**
  - Combined average and easy in accounting
  - Final allocation: 15 (of 15) difficult
    - 72 (of 67) easy+aver.
- **Next year:** review allocations+classes
Archive and Theory Proposals

• Survey of Archive and Theory PIs
  • Sent: 10 Aug 2007 to 122 PIs
  • Due date: 14 Sept 2007
  • Aim:
    – Enhance publication tracking
    – Assess adequacy of funding levels
    – Learn about alternate funding being used
• Responses:
  – 49 to date
  – Diverse responses on funding levels
  – Full Report next meeting
Archive and Theory Budgets

- Theory: 5% of GO budget (NASA mandated)
- Archive: about 10% of budget
- Cycle 9 GO Budget: $10.6M (w/o DDT, E/PO)
  - GO: $9M
  - Archive: $1M (Allocated $1.1M)
  - Theory: $0.6M (Allocated $0.7M)
- Passing Grade: generally higher than GO
- Grants (Cycle 9):
  - 17 archive: $40-127K
  - 12 theory: $40-80K
  - Levels similar to GO proposals (not LP/VLP)
- Oversubscription: lower than GO
Oversubscription for Archive+Theory

Proposal Cycle

Oversubscription

Archive
Theory
NASA: ADP

• Unlikely to have major impact on our archive program
• $2.5M budget, only 2.5 times our archive
• Specifically rules out primarily Chandra research
• 33 missions cited in list (w/o Great Obs)
• Requires that < a third of data is from any one Great Observatory
Responses to CUC Actions

- LP/VLP time: options discussed by Harvey
- Chandra Source Catalog: to be discussed by Ian Evans
- Archival Project Funding: discussed by me
- Chandra Long-term Future Science:
  - 8 years conference is 23-25 Oct.
  - Speakers have been asked to address this topic.
Alpha Cen. Chandra Data

• Position of stars good to 0.17"
• << 0.6" advertised

Courtesy Tom Ayres