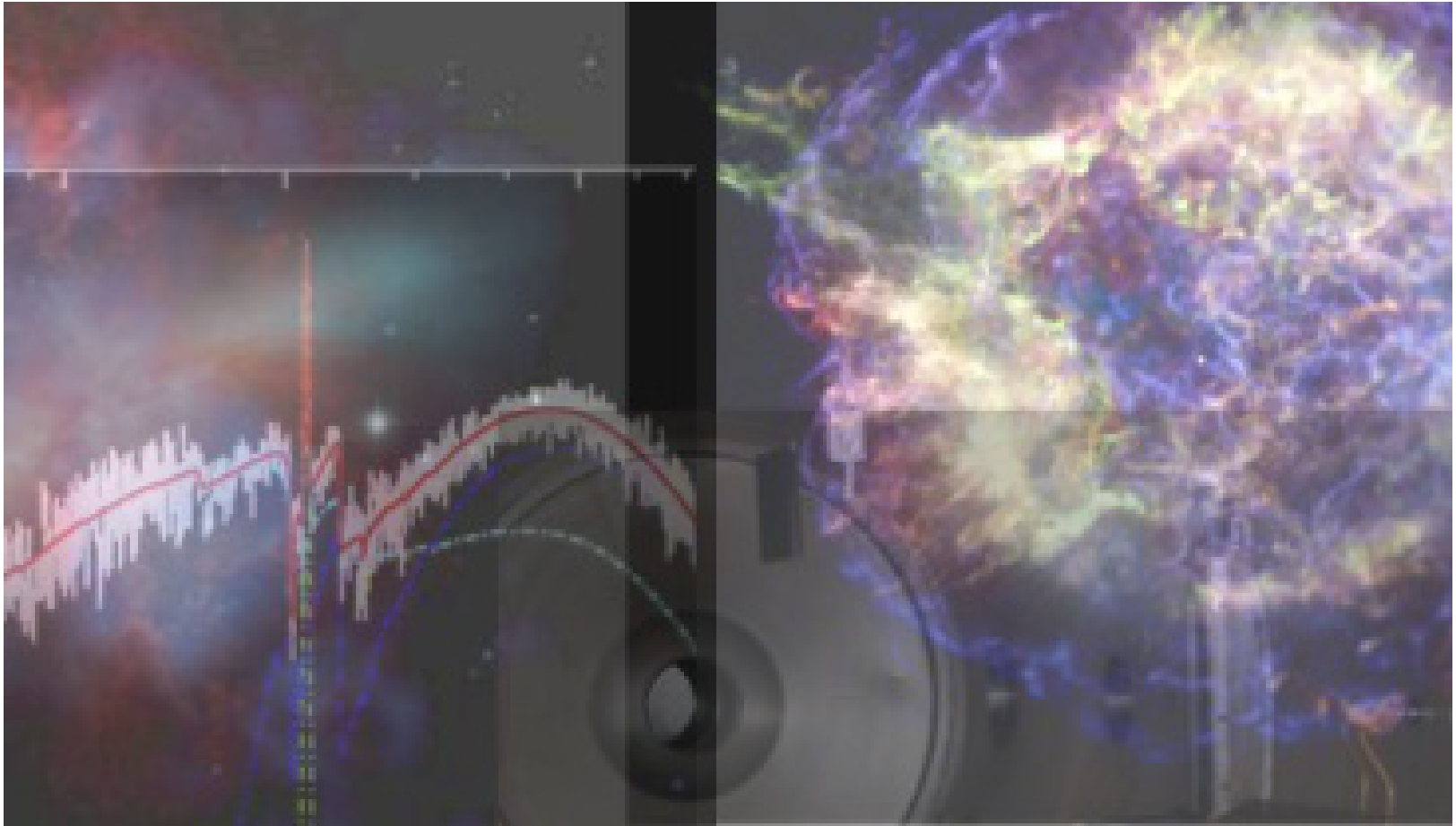


HIGH ENERGY ASTROPHYSICS DIVISION (HEAD)



"Advance and share our understanding of the hot and energetic Universe."

CURRENT HEAD EXECUTIVE COMMITTEE MEMBERS

- **Chair:** Nick White (2014-2016)
- **Vice-chair:** Chris Reynolds (2014-2016)
- **Past-Chair:** Joel Bregman (2014-2016)
- **Secretary:** Randall Smith (2012-2016)
- **Treasurer:** Keith Arnaud (2012-2016)
- **Executive Committee:**
 - Stephen Reynolds, Paolo Coppi (2012-2015)
 - Daryl Haggard; Henric Krawczynski (2013-2016)
 - Mark Bautz, Q. Daniel Wang (2014-2017)
- **Press:** Megan Watzke

OUTGOING HEAD EXECUTIVE COMMITTEE MEMBERS

Thanks to:

- Stephen Reynolds
 - Who stepped in for Josh Bloom, who resigned in July 2014
- Paolo Coppi

SECRETARY'S REPORT: ELECTIONS

- **4 nominees**
 - **Valerie Connaughton**
 - **Alessandra Corsi**
 - **Elizabeth Hayes**
 - **Colleen Wilson-Hodge**
- **Good turnout, ~30% of membership (~10% is typical for similar societies)**
- **Results....**

SECRETARY'S REPORT: ELECTIONS

Please Welcome:

- **Elizabeth Hayes**
- **Colleen Wilson-Hodge**

Who will serve from 2015-2018

HEAD Stats:

- The Division was established in 1969.
- Current Membership: 941 members (second after the DPS)

HEAD Recurring activities:

1. Electronic announcements: as needed; ~2 month lately
2. HEAD meeting every ~18 months
3. Three awards:

Rossi: 2014 Douglas Finkbeiner, Tracy Slayter, and Meng Su "for their discovery, in gamma rays, of the large unanticipated Galactic structure called the 'Fermi Bubbles.'"

Schramm: To Govert Schilling for his article "The Frozen Neutrino Catcher"

Dissertation To Reinout J. van Weeren for his thesis entitled "Radio emission from merging galaxy clusters: characterizing shocks, magnetic fields and particle acceleration."

HEAD & SOCIAL MEDIA

- HEAD now has a Facebook page:

<https://www.facebook.com/AAS.HEAD>

- A Twitter Account:

@AAS_HEAD

But we need an organizer interested in building HEAD's on-line presence. Interested? Contact Nick White & Chris Reynolds for more info.

Congressional Visits

- HEAD will help with travel expenses for up to 2 people to attend the next Congressional Visit Days
- 17-18 March 2015 (Tues & Wed)
<http://aas.org/content/congressional-visits-day-2015-sign-form>
- Aim to select at least 15 volunteers who balance the program by location, career stage, experience, and science focus area
- graduate students are especially encouraged to volunteer.

FINANCES

- The Chicago HEAD meeting made a loss of about \$25k due to 75 fewer attendees than we expected.
- However, we made a profit of \$56k on the Monterey meeting in 2013.
- At the end of November the HEAD funds stand at \$230k. Of this \$48k is in the BATSE/Fishman fund which is earmarked for childcare and younger person support at meetings.

NEW AFFILIATE MEMBERSHIP

- Affiliate members have same status as regular members, except they cannot be on the Exec Comm.
- Will bring HEAD into alignment with most of the other AAS divisions, and allow non-astronomers who are interested in High-Energy Astrophysics to join in on our activities.
- Membership is open now; please encourage your non-AAS member but High-Energy Astronomy-interested colleagues to consider joining.

AND NOW FOR SOMETHING
COMPLETELY DIFFERENT...

(drum roll)

Special HEAD Meeting: June 29th-July 1st, 2015

Location TBA

Mission Planning for the 2020 Decadal Survey

Community discussion of mission concepts relevant to the NASA HQ charge to the Program Analysis Groups to identify candidate large missions for NASA to study as input to the 2020 Decadal Survey

Seek consensus in the High Energy Astrophysics community on the highest science priorities for 2020-2030 and the best missions to address them

Tentative Schedule of Meeting

- Day 1:
 - Current Context – Planned High Energy Missions
 - Science Goals for the Next Decade
- Day 2:
 - Mission Concepts for the Next Decade
- Day 3:
 - Discussion Panels & Breakouts

HEAD FUTURE MEETING SITES

- April 3 – 7, 2016
 - Waldorf Astoria on the beach in Naples, FL.
- August 16-20, 2017
 - Snow King, Jackson Hole, WY
 - Morning of Aug 21, 2017: Total Solar Eclipse (first in the USA since 1970s)

HEAD Mid-Career Award

The HEAD Mid-Career Award is made for a significant advance or accomplishment (observational or theoretical) in High Energy Astrophysics by an individual astrophysicist within ten years of receiving their PhD.

The cited body of work should be published in a refereed journal within the past five years, and originally published within ten years of the nominee receiving their PhD (allowance will be made for time off because of maternity/paternity leave or other valid gaps).

The prize will amount to \$1500.

Awarded every 18 months with the awardee giving an invited talk at the HEAD meeting in the award year.

HEAD 2015 ROSSI PRIZE

(drum roll)

HEAD 2015 ROSSI PRIZE

To

Fiona Harrison for her groundbreaking work on supernova remnants, neutron stars, and black holes enabled by NuSTAR, the first satellite to focus X-rays above 10 keV. Her assembly and leadership of the extraordinary NuSTAR team has opened a new window on the Universe.