


“A statistical approach to identifying compact objects in X-ray binaries” AAS/HEAD 13th Meeting, Monteray, CA, April 9, 2013.


“Putting X-ray Binaries in their Proper Place” HEAD Lunch Talk, CfA, February 8, 2012.


”Hot Topics in Astronomy”, presentation at AAAS planning meeting, St. Louis, MO. February 19, 2006.

“The Chandra View of X-ray Binaries” Talk presented at Six Years of Chandra conference.


“Coordinated Chandra/HST observations of stellar wind X-ray Binaries” Talk given at conference held at MIT Draper Labs Extension, Cambridge, MA. (Nov. 14, 2002).

“SMC X-1 with Chandra and HST”, Head Lunch Talk, Jan 30, 2002.


“X-ray Binaries: Beyond the Decade of Discovery”, (invited review) HTXS Workshop, Boston, MA (Oct 1, 1996)


“Her X-1/HZ Her: A Simultaneous Look at Four Decades of the Spectrum”, Physics and Astronomy Colloquium, University of Toledo, Toledo, OH, (Feb 2, 1995)

“Multiwavelength Observations of Hercules X-1”, Laboratory for Gamma-Ray Astrophysics, NASA/GSFC, Greenbelt, MD, (Feb 28, 1994)

“Multiwavelength Observations of Hercules X-1: A Simultaneous Look at Four Decades of the Spectrum” Astronomy Colloquium, University of Maryland, College Park, MD, (Feb 16, 1994)
Simultaneous Multiwavelength Observations of Hercules X-1”, Washington Area Astronomer’s Meeting (invited talk), NASA/GSFC, Greenbelt, MD, (Nov 4, 1993)

“Illuminating the Accretion Process: Lines and Edges in the Spectra of X-ray Binaries”, Astrophysics Colloquium, University of Wisconsin, Madison, WI, (Sep 26, 1991)


“X-ray and UV emission Lines from Galactic Bulge Sources” Department of Physics Colloquium, Bucknell University, Lewisburg, PA. (Jan 20, 1988)


“A new periodicity in Her X-1?” Laboratory for High Energy Astrophysics, NASA/GSFC, Greenbelt, MD, (Mar 7, 1985)

“A new periodicity in Her X-1?” Space Science Division, Naval Research Lab., Washington DC. (Mar 6, 1985)
Public Talks (Chronological Order):


“X-ray Binaries”, Bunting Institute, Radcliffe College. (Nov 8, 1988).


“X-ray Binaries”, Bedford-Lexington Division of the AAUW, Bedford, MA. (Dec 4, 1991)

“Why Science?”, Panel Member at WAGSEM meeting. UMD Department of Computer Science, College Park, MD, (Nov 11, 1994)


“Women in Science” AAAS Annual Meeting, Boston, MA. Introduction to session as chair and organizer. (February 16, 2002).


“NASA’s Great Observatories: Challenges and Rewards” AAAS Annual Meeting, St. Louis, MO. Introduction to session as chair and organizer. (February 19, 2006).

Panel member for presentation on “How to get into Graduate School” Center for Astrophysics, July 17, 2006.


Served as member on panel discussion about foreign women in science for CCTV (Cambridge Cable Television Station), Aug 9, 2006, Cambridge, MA.


“On Common Ground, Uncommon Ground: Martin Luther King, Gandhi, and Women.” Harvard Summer School Lecture, Jul 23, 2013. I have also given numerous talks on my work at high schools and secondary schools in Massachusetts, Maryland, and Virginia.