

Andrea Heather Prestwich - Curriculum Vitae

Born: 1 April 1962, Bristol, England

Citizenship: United States

Education:

- Ph.D. in Astrophysics, Imperial College, London (1989)
- M.Sc in Radio Astronomy, University of Manchester (1985)
- B.Sc. (Hons) in Physics, Queen Mary College, London (1984)

Employment:

March 2014 - present	Team Lead, Chandra Peer Review
March 2010 - March 2014	Coordinator, NASA Einstein Postdoctoral Fellowship Program
March 2000 - present	Astrophysicist, Chandra Director's Office, CXC
January 1995 - Feb 2000	Astrophysicist, Chandra Users' Support Group, CXC
January 1992 - January 1995	Einstein Data Center Archive Scientist, SAO
December 1989-December 1991	NRC Post-doctoral Research Associate, NASA-MSFC
September 1988-June 1989	Lecturer, Harvard University
October 1985-1988	Graduate Student, Imperial College, London

Mentoring and Student Supervision:

December 2013 - present	Member Thesis Committee Matthew Brorby, University of Iowa
May 2012 - July 2012	Member Thesis Committee Blagoy Rangelov, University of Toledo
March 2012 - March 2013	Supervised SAO predoc Floyd Jackson
Sept - Dec 2010	Supervised SAO predoc Floyd Jackson
May 2008 - May 2011	Supervised SAO predoc Blagoy Rangelov
Sept 2003-Sept 2007	Co-supervised PhD work of Roy Kilgard

Professional Societies

- Fellow of Royal Astronomical Society
- Member of American Astronomical Society

Invited Talks

- May 2011, Ultra-Luminous X-ray Sources in the Most Metal Poor galaxies, invited talk at AAS topical session
- December 2009, Center for Astrophysics Observatory Night presentation on "10 Years of Science with Chandra"

- November 2009, Colloquium at Ritter Observatory, University of Toledo, on 'Ultra-Luminous X-ray Sources'
- April 2008, Invited Talk on 'The Mass of the Black Hole in IC 10 X-1', at the 10th High Energy Astrophysics Division Meeting in Los Angeles, CA
- November 2003, Invited Review on 'An X-ray View of Interacting Binaries Outside the Galaxy' at Compact Binaries in the Galaxy and Beyond', held in La Paz, Baja California Sur
- September 2001, Invited Review on 'Chandra Observations of Nearby Spiral Galaxies' at Two Years of Science with Chandra Symposium, held in Washington DC.
- July 2001, Invited Review on 'Chandra Observations of Nearby Spiral Galaxies' at the Universe at Sharp Focus; A Symposium of Chandra Science held in St Paul, MN.
- June 2000 AAS, invited talk on 'Chandra Observations of Nearby Galaxies' at Topical session on 'A new Era of X-ray Astronomy'

Grants held

- 2014: PI Chandra GO Project 'Is there an HLX in the Lyman-alpha Galaxy Haro 11?'
- 2010: PI Hubble GO Project 'Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies'
- 2010: PI Chandra Large Project 'Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies'
- 2009: PI Hubble GO Project 'Chandra Imaging of NGC 922 – the closest collisional ring galaxy'
- 2009: PI Chandra GO Project 'Chandra Imaging of NGC 922 – the closest collisional ring galaxy'
- 2008 PI Chandra Archival GO Project 'An Archival Study of High Mass X-ray Binaries and Young Star Clusters'
- 2007: PI Chandra GO Project 'A Deep Chandra Observation of Our Local Starburst, IC 10'
- 2004: PI XMM-Newton GO Project 'A Deep XMM-Newton Observation of the Fornax Dwarf Spheroidal galaxy'
- 2003: PI Chandra GO Project 'Chandra Observations of Rich LMC Clusters'

- 2000: PI Chandra GO Large Project 'A Chandra Survey of Nearby Spiral Galaxies'
- 1995: PI Astrophysics Data Program 'Spectral Calibration of the ROSAT HRI'
- 1992: PI ROSAT Guest Observer 'HRI imaging of Cooling Flows'
- 1993: PI ASCA Guest Observer, 'ASCA Spectroscopy of Cooling Flows'
- 1994: PI, ROSAT Guest Observer, 'Deep HRI Imaging of Abell 85'

Other professional experience

- Member Hubble Space Telescope Senior Review Panel March 2014
- Member of the Space Telescope Users Committee 2013-2016
- Served on ADAP Review Panel August 2013
- Served HST Cycle 20 Review Panel May 2012
- Member of the NASA Extragalactic Database Users Committee 2008-present
- Member of following SOCs:
 - 50 Years of X-ray Binaries (co-chair), Cambridge, MA
 - Two Years of Science with Chandra Symposium'
 - Eight Years of Science with Chandra
 - X-rays from Normal Galaxies, ESA Workshop, Madrid, 2007
- Served on Spitzer Time Allocation Committee for 2 cycles
- Member IRAF Users Committee 1996-98 (chair 1998)
- Panelist on several ROSAT, ASCA Peer Review Committees
- Member, AAS Astronomy News Committee, 1993-96
- Lecturer in Astronomy at Morley College, London (1987-1988)

Awards

- NASA-National Research Council Resident Research Associateship
- UK Science and Engineering Research Council Postgraduate Studentship

- UK Science and Engineering Research Council Advanced Studentship

Papers in Refereed Journals

Prestwich, A. H., Jackson, F., Kaaret, P., Brorby, M., Roberts, T. P., Saar, S. H., Yukilta, M., 2015, *Ultra-Luminous X-ray Sources in Haro 11 and the Role of X-ray Binaries in Feedback in Ly α Emitting Galaxies*, ApJ, submitted

Barnard, R., Steiner, J. F., Prestwich, A. H., Stevens, I. R., Clark, J. S., & Kolb, U. C. 2014, *Energy-dependent Evolution in IC10 X-1: Hard Evidence for an Extended Corona and Implications*, ApJ, 792, 131

Brorby, M., Kaaret, P., & Prestwich, A. 2014, *X-ray binary formation in low-metallicity blue compact dwarf galaxies*, MNRAS, 441, 2346

Prestwich, A. H., Tsantaki, M., Zezas, A., Jackson, F., Roberts, T. P., Foltz, R., Linden, T., & Kalogera, V. 2013, *Ultra-luminous X-Ray Sources in the Most Metal Poor Galaxies*, ApJ, 769, 92

Rangelov, B., Chandar, R., Prestwich, A., & Whitmore, B. C. 2012, *X-Ray Binaries and Star Clusters in the Antennae: Optical Cluster Counterparts*, ApJ, 758, 99

Prestwich, A. H., et al. 2012, *Chandra Observations of the Collisional Ring Galaxy NGC 922*, ApJ, 747, 150

Rangelov, B., Prestwich, A. H., & Chandar, R. 2011, *The Connection between X-Ray Binaries and Star Clusters in NGC 4449*, ApJ, 741, 86

Bulik, T., Belczynski, K., & Prestwich, A. 2011, *IC10 X-1/NGC300 X-1: The Very Immediate Progenitors of BH-BH Binaries*, ApJ, 730, 140

Linden, T., Kalogera, V., Sepinsky, J. F., Prestwich, A., Zezas, A., & Gallagher, J. S. 2010, *The Effect of Starburst Metallicity on Bright X-ray Binary Formation Pathways*, ApJ, 725, 1984

Prestwich, A. H., Kilgard, R. E., Primini, F., McDowell, J. C., & Zezas, A. 2009, *The Luminosity Function of X-ray Sources in Spiral Galaxies*, ApJ, 705, 1632

Prestwich, A. H., et al. 2007, *The Orbital Period of the Wolf-Rayet Binary IC 10 X-1: Dynamic Evidence that the Compact Object Is a Black Hole*, ApJL, 669, L21

Carpano, S., Pollock, A. M. T., Prestwich, A., Crowther, P., Wilms, J., Yungelson, L., & Ehle, M. 2007, *A 33 hour period for the Wolf-Rayet/black hole X-ray binary candidate NGC 300 X-1*, A&A, 466, L17

Maddox, L. A., Cowan, J. J., Kilgard, R. E., Lacey, C. K., Prestwich, A. H., Stockdale, C. J., & Wolfing, E. 2006, *A Study of Compact Radio Sources in Nearby Face-on Spiral Galaxies. I. Long-Term Evolution of M83*, AJ, 132, 310

Stockdale, C. J., Maddox, L. A., Cowan, J. J., Prestwich, A., Kilgard, R., & Immler, S. 2006, *A Radio and X-Ray Study of Historical Supernovae in M83*, AJ, 131, 889

Krauss, M. I., Kilgard, R. E., Garcia, M. R., Roberts, T. P., & Prestwich, A. H. 2005, *M74 X-1 (CXOU J013651.1+154547): An Extremely Variable Ultraluminous X-Ray Source*, ApJ, 630, 228

Kilgard, R. E., et al. 2005, *A Chandra Survey of Nearby Spiral Galaxies. I. Point Source Catalogs*, ApJS, 159, 214

Prestwich, A. H., Irwin, J. A., Kilgard, R. E., Krauss, M. I., Zezas, A., Primini, F., Kaaret, P., & Boroson, B. 2003, *Classifying X-Ray Sources in External Galaxies from X-Ray Colors*, ApJ, 595, 719

Kaaret, P., Corbel, S., Prestwich, A. H., & Zezas, A. 2003, *Radio Emission from an Ultraluminous X-ray Source*, Science, 299, 365

Kilgard, R. E., Krauss, M. I., Kaaret, P., Prestwich, A. H., & Ward, M. J. 2003, *A Chandra survey of nearby spiral galaxies*, Astronomische Nachrichten, 324, 121

Kilgard, R. E., Kaaret, P., Krauss, M. I., Prestwich, A. H., Raley, M. T., & Zezas, A. 2002, *A Minisurvey of X-Ray Point Sources in Starburst and Nonstarburst Galaxies*, ApJ, 573, 138

Seward, F. D., Butt, Y. M., Karovska, M., Prestwich, A., Schlegel, E. M., & Corcoran, M. 2001, *Early Chandra X-Ray Observations of η Carinae*, ApJ, 553, 832

Kaaret, P., Prestwich, A. H., Zezas, A., Murray, S. S., Kim, D.-W., Kilgard, R. E., Schlegel, E. M., & Ward, M. J. 2001, *Chandra High-Resolution Camera observations of the luminous X-ray source in the starburst galaxy M82*, MNRAS, 321, L29

Kraft, R. P., et al. 2000, *A Chandra High-Resolution X-ray Image of Cen-*

taurus A, ApJL, 531, L9

Worrall, D. M., Birkinshaw, M., Remillard, R. A., Prestwich, A., Tucker, W. H., & Tananbaum, H. 1999, *A Multiwavelength Study of the Extreme AGN J2310-437*, ApJ, 516, 163

Greiner, J., Tovmassian, G. H., Di Stefano, R., Prestwich, A., González-Riestra, R., Szentasko, L., & Chavarría, C. 1999, *Transient supersoft X-ray emission from V 751 Cygni during the optical low-state*, A&A, 343, 183

Riess, A. G., et al. 1999, *BVRI Light Curves for 22 Type IA Supernovae*, AJ, 117, 707

Prestwich, A. H., Joy, M., Luginbuhl, C. B., Sulkanen, M., & Newberry, M. 1997, *A Search for the Cooling Flow Accretion Population: Optical and Near-Infrared Imaging of NGC 1275*, ApJ, 477, 144

Tananbaum, H., Tucker, W., Prestwich, A., & Remillard, R. 1997, *The Unusual Galaxy J2310-43: an Active Nucleus without Optical Emission Lines and without a Substantial Optical Continuum*, ApJ, 476, 83

Joy, M., Prestwich, A. H., Burton, M., & Guimond, S. 1995, *Extended Infrared Emission in the Galaxy Cluster 1E 1111.9-3754: No Evidence for a Low-Mass Accretion Population*, ApJL, 449, L113

Prestwich, A. H., Guimond, S. J., Luginbuhl, C. B., & Joy, M. 1995, *ROSAT HRI images of Abell 85 and Abell 496: Evidence for inhomogeneities in cooling flows*, ApJL, 438, L71

Prestwich, A. H., Joseph, R. D., & Wright, G. S. 1994, *Starburst models of merging galaxies*, ApJ, 422, 73

Prestwich, A. H., Wright, G. S., & Joseph, R. D. 1992, *Variability of near-infrared emission lines in NGC 4151 - Implications for nuclear star formation*, ApJS, 80, 205

Prestwich, A. H., & Joy, M. 1991, *Cooling flows and the formation of massive halos in cD galaxies*, ApJL, 369, L1

Electronic Publications

A Prestwich, J. McDowell, D. Plummer, K. Manning, M. Garcia, *The Einstein Observatory Database of IPC Images in Event List Format*, CDROM 1992

J. McDowell, D. Plummer, A. Prestwich, K. Manning, D. Van Stone, M. Garcia *The Einstein Observatory Unscreened Data Archive*, CDROM 1994

Non-Refereed Publications

Brorby, M., Kaaret, P., & Prestwich, A. H. 2014, *X-ray Binaries in Blue Compact Dwarf Galaxies*, AAS/High Energy Astrophysics Division, 14, #122.17

Prestwich, A. H., Jackson, F., Kaaret, P., Brorby, M., Roberts, T. P., & Saar, S. H. 2014, *X-ray Binaries and Feedback in Lyman Alpha; Galaxies*, American Astronomical Society Meeting Abstracts #223, 223, #428.07

Prestwich, A. H., Jackson, F., Kaaret, P., Brorby, M., Roberts, T. P., & Saar, S. H. 2014, *X-ray Binaries and Feedback in Lyman- α Galaxies*, American Astronomical Society Meeting Abstracts, 223, #428.07

Beichman, C. A., Gelino, D. M., Allen, R. J., & Prestwich, A. H. 2013, *NASA's Postdoctoral Fellowship Programs*, American Astronomical Society Meeting Abstracts, 221, #127.05

Laycock, S., Balchunas, A., Cappallo, R., Oram, K., Prestwich, A., Williams, B., & Camero-Arranz, A. 2012, *Identifying the X-ray Source Population of our Nearest Starburst.*, American Astronomical Society Meeting Abstracts #220, 220, #329.08

Prestwich, A. 2012, *The Einstein Fellowship Program*, Chandra News, 19, 25

Prestwich, A. H., Chandar, R., Rangelov, B., & Jackson, F. 2011, *High Mass X-ray Binaries and Star Clusters in Starburst Galaxies*, AAS/High Energy Astrophysics Division, 12, #15.06

Balchunas, A. J., et al. 2011, *Optical Spectroscopy of Candidate X-ray Binaries in the Starburst IC 10*, AAS/High Energy Astrophysics Division, 12, #13.27

Linden, T., Kalogera, V., Sepinsky, J., Prestwich, A., Zezas, A., & Gallagher, J. 2011, *The Effect of Common Envelope Evolution on the Formation of High Mass X-Ray Binaries*, Evolution of Compact Binaries, 447, 121

Jackson, F., Prestwich, A., Chandar, R., & Rangelov, B. 2011, *Constraining the Ages of X-ray Binaries in the Ring Galaxy NGC 922*, The X-ray Universe 2011, 225

Rangelov, B., Chandar, R., & Prestwich, A. 2011, *The Connection Between*

X-ray Binaries and Star Clusters in the Antennae, Bulletin of the American Astronomical Society, #410.15

Jackson, F., Prestwich, A., Chandar, R., & Rangelov, B. 2011, *Constraining The Ages Of X-ray Sources In Ngc 922*, Bulletin of the American Astronomical Society, #410.11

Laycock, S., Camero, A., Wilson-Hodge, C., Williams, B., Garcia, M., & Prestwich, A. 2011, *Do Neutron stars Or Black Holes Dominate The X-ray Binary Population Of The Youngest Starburst Galaxies?*, Bulletin of the American Astronomical Society, #230.08

Prestwich, A. H., Chandar, R., Kuraszkiwicz, J., Zezas, A., Tsantaki, M., Foltz, R., Kalogera, V., & Linden, T. 2011, *Ultra-Luminous X-ray Sources in the Most Metal Poor galaxies*, Bulletin of the American Astronomical Society, #209.04

Desjardins, T. D., Kilgard, R. E., & Prestwich, A. H. 2011, *Characterizing X-ray Point Source Populations in Nearby Galaxies*, Bulletin of the American Astronomical Society, 43, #144.23

Prestwich, A. H., Galache, J., Kalogera, V., Linden, T., Kilgard, R., Zezas, A., Wolter, A., & Trinchieri, G. 2010, *Ultra-Luminous X-ray Sources in the Collisional Ring Galaxy NGC 922*, Bulletin of the American Astronomical Society, 36, #606.14

Placek, B., Kilgard, R. E., & Prestwich, A. H. 2010, *The X-ray Source Population of IC 10*, Bulletin of the American Astronomical Society, 42, #419.06

Prestwich, A. 2009, *Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies*, Chandra Proposal, 2857

Prestwich, A., et al. 2009, *New ULX in the collisional ring galaxy NGC 922*, Chandra's First Decade of Discovery,

Kilgard, R., Placek, B., & Prestwich, A. 2009, *The X-ray source population of IC 10*, Chandra's First Decade of Discovery,

Chandar, R., Rangelov, B., & Prestwich, A. 2009, *High Mass X-Ray Binaries in Nearby Starburst Galaxies*, Bulletin of the American Astronomical Society, 41, #445.06

Prestwich, A. 2008, *Chandra Imaging of NGC 922 – the closest collisional ring galaxy*, Chandra Proposal, 2688

Prestwich, A. 2008, *Ultra-Luminous x-Ray Sources in the Most Metal-Poor Galaxies*, HST Proposal, 12018

Prestwich, A. 2008, *Chandra Imaging of NGC 922 – the closest collisional ring galaxy*, HST Proposal, 11836

Carpano, S., Pollock, A. M. T., Prestwich, A., Kilgard, R., Crowther, P., Wilms, J., Yungelson, L., & Ehle, M. 2008, *The Extragalactic Wolf-Rayet/Black-Hole X-ray Binary Candidates NGC 300 X-1 and IC 10 X-1, A Population Explosion: The Nature & Evolution of X-ray Binaries in Diverse Environments*, 1010, 330

Prestwich, A. H. 2008, *Orbital Period Of Ic10-x1 – The Most Massive Known Stellar Black Hole?*, AAS/High Energy Astrophysics Division #10, 10, #19.06

Prestwich, A. H., et al. 2008, *IC 10 X-1 and NGC 300 X-1 - our nearest ULX*, X-rays From Nearby Galaxies, 54

Kilgard, R. E., Prestwich, A. H., & Carpano, S. 2007, *Is IC 10 X-1 A Quiescent ULX?*, Bulletin of the American Astronomical Society, 39, 723

Kilgard, R. E., Prestwich, A. H., & Ward, M. J. 2007, *Disentangling the X-ray Luminosity Functions of Nearby Galaxies*, Bulletin of the American Astronomical Society, 39, #114.03

Carpano, S., Pollock, A., Prestwich, A., Crowther, P., Yungelson, L., Wilms, J., & Ehle, M. 2007, *A 33 hour period for the Wolf-Rayet/black hole X-ray binary candidate NGC 300 X-1*, The Astronomer's Telegram, 974, 1

Kilgard, R. E., Soria, R., Prestwich, A. H., & Kalogera, V. 2006, *X-ray Binaries in the Fornax Local Group Dwarf*, Bulletin of the American Astronomical Society, 38, #155.02

Prestwich, A. H., et al. 2006, *Detection of Orbital Period in the Wolf-Rayet X-ray Binary IC 10 X-1*, The Astronomer's Telegram, 955, 1

Kilgard, R. E., Prestwich, A. H., Ward, M. J., & Roberts, T. P. 2006, *Optical Environments of M51 X-ray Sources*, Populations of High Energy Sources in Galaxies, 230, 189

Maddox, L. A., Kilgard, R. E., Schinnerer, E., Stockdale, C. J., Cowan, J. J., & Prestwich, A. H. 2005, *Multiwavelength Observations of the Nearby Galaxy M51*, Bulletin of the American Astronomical Society, 37, #178.03

Kilgard, R., Ward, M., Roberts, T., & Prestwich, A. 2005, *Optical Counterparts to X-ray sources in interacting galaxy systems*, Bulletin of the American Astronomical Society, 37, #138.04

Prestwich, A. 2005, *A Deep Chandra Observation of Our Local Starburst, IC 10*, Chandra Proposal, 2059

Prestwich, A. 2004, *XMM-Newton Proposal 03025001*, XMM-Newton Proposal, 92

Zeas, A., Georgantopoulos, I., Ward, M., Fabbiano, G., & Prestwich, A. 2004, *Chandra observations of the X-ray luminous star-forming galaxy NGC3310*, Bulletin of the American Astronomical Society, 36, 964

Prestwich, A. H. 2004, *An X-ray View of Interacting Binaries Outside the Galaxy*, Revista Mexicana de Astronomia y Astrofisica Conference Series, 20, 3

Yukita, M., Prestwich, A. H., & Kilgard, R. E. 2004, *A Study of the Stellar Environments of X-ray Sources in NGC 6822*, Bulletin of the American Astronomical Society, 36, 811

Zeas, A., Fabbiano, G., Ward, M., Schweizer, F., King, A., Kilgard, R., Kaaret, P., & Prestwich, A. 2004, *Chandra monitoring observations of the Antennae and M82 star-forming galaxies: the X-ray source populations and the shape of their luminosity function*, 35th COSPAR Scientific Assembly, 35, 4107

Kilgard, R. E., Prestwich, A. H., & Ward, M. J. 2003, *X-ray Binary Luminosity Functions and the Star-Formation History of Nearby Galaxies*, Bulletin of the American Astronomical Society, 35, #116.15

Yukita, M., Kilgard, R. E., & Prestwich, A. H. 2003, *Chandra Observations of LMC Star Clusters*, Bulletin of the American Astronomical Society, 35, 1324

Krauss, M. I., Kilgard, R. E., Garcia, M. R., Roberts, T. P., & Prestwich, A. H. 2003, *CXOU J013651.1+154547: An Extremely Variable ULX in M74*, Bulletin of the American Astronomical Society, 35, 630

Kilgard, R. E., Prestwich, A. H., Zeas, A., Krauss, M. I., & Ward, M. J. 2003, *The Luminous X-ray Binary Population of Nearby Spiral Galaxies*, Bulletin of the American Astronomical Society, 35, 626

Kaaret, P., Corbel, S., Prestwich, A. H., & Zeas, A. 2003, *Radio Emission*

from an Ultraluminous X-Ray Source, Bulletin of the American Astronomical Society, 35, 608

Kilgard, R. E., Krauss, M. I., Prestwich, A. H., Kaaret, P., Garcia, M., Zezas, A., Ward, M. J., & Roberts, T. 2002, *A Chandra Survey of Nearby Spiral Galaxies*, Bulletin of the American Astronomical Society, 34, 1121

Prestwich, A. 2002, *Chandra Observations of Rich LMC Star Clusters*, Chandra Proposal, 1244

Kilgard, R., Kaaret, P., Krauss, M., Prestwich, A., Roberts, T., & Ward, M. 2002, *Ultra-luminous X-ray Sources in Nearby Spiral Galaxies*, APS Meeting Abstracts, 17102

Prestwich, A. H. 2002, *Chandra Observations of Nearby Spiral Galaxies*, The High Energy Universe at Sharp Focus: Chandra Science, 262, 127

Ward, M., Roberts, T., Kilgard, R., & Prestwich, A. 2002, *Evidence for Black Hole Binary Systems in Spiral and Star Forming Galaxies*, 34th COSPAR Scientific Assembly, 34,

Kilgard, R. E., Kaaret, P. E., Krauss, M. I., McDowell, J. C., Prestwich, A. H., Raley, M. T., & Zezas, A. 2001, *A Mini-Survey of the X-ray Point Sources in Starburst and Non-Starburst Galaxies*, Bulletin of the American Astronomical Society, 33, 1349

Stockdale, C. J., et al. 2001, *Radio Counterparts to X-rays Sources in M83*, Bulletin of the American Astronomical Society, 33, 1338

Prestwich, A. H., et al. 2001, *Identifying X-ray Sources in Bulge and Disk Galaxies*, Bulletin of the American Astronomical Society, 33, 1338

Prestwich, A. H. 2001, *Chandra Observations of Nearby Spiral Galaxies*, Two Years of Science with Chandra,

Kilgard, R., Prestwich, A., Zezas, A., Kaaret, P., Raley, M., Krauss, M., & McDowell, J. 2001, *The X-Ray Luminosity Function of Starburst and non-Starburst galaxies*, Bulletin of the American Astronomical Society, 33, 868

Zezas, A., Fabbiano, G., Ward, M., Prestwich, A., & Murray, S. S. 2001, *The Population of Discrete Sources in the Antennae and M82 Star-Forming Galaxies*, Bulletin of the American Astronomical Society, 33, 858

Krauss, M., Zezas, A., Kaaret, P., Kilgard, R., Raley, M., McDowell, J., & Prestwich, A. 2001, *Chandra Observations of the nearby spiral galaxy NGC*

Prestwich, A., Kaaret, P., Zezas, A., Fabbiano, P., Lira, P., & Ward, M. 2001, *Science Highlight: Chandra Observations of Ultra-luminous Sources in Starbursts – Mid-Mass Black Holes or Microquasars?*, Chandra News, 8, 1

Prestwich, A., Zezas, A., Kaaret, P., Murray, S., Kilgard, R., Kim, D.-W., & Schlegel, E. 2001, *Chandra observations of starburst galaxies M82 and NGC 3256*, Galaxies and their Constituents at the Highest Angular Resolutions, 205, 208

Karovska, M., et al. 2001, *Deconvolving the nucleus of centaurus using a Chandra PSF library*, Galaxies and their Constituents at the Highest Angular Resolutions, 205, 66

Zezas, A., Fabbiano, G., Prestwich, A., Murray, S., & Ward, M. 2001, *Chandra Observations of the Stellar Populations and Diffuse Gas in Nearby Galaxies*, The Central Kiloparsec of Starbursts and AGN: The La Palma Connection, 249, 425

Zezas, A., Fabbiano, G., Ward, M., Prestwich, A., & Murray, S. 2000, *The population of discrete sources in star-forming galaxies: Chandra results on M82 and the Antennae galaxies*, Bulletin of the American Astronomical Society, 32, 1566

Prestwich, A. H., Silverman, J., McDowell, J., Callanan, P., & Snowden, S. 2000, *Calibration of the ROSAT HRI Spectral Response*, NASA STI/Recon Technical Report N, 1, 11063

Kim, D.-W., et al. 2000, *The Chandra Multi-wavelength Project (ChAMP): X-ray Data Analysis*, Bulletin of the American Astronomical Society, 32, 1223

Ward, M. J., Zezas, A., Lira, P., Prestwich, A., Murray, S., Alonso-Herrero, A., & Ueno, S. 2000, *The X-ray Starburst Zoo: Chandra observations of four starburst galaxies displaying a range of properties*, Bulletin of the American Astronomical Society, 32, 1209

Kaaret, P., Prestwich, A. H., Zezas, A., Murray, S. S., Kim, D.-W., Kilgard, R. E., Schlegel, E. M., & Ward, M. J. 2000, *Chandra HRC Observations of the Luminous X-Ray Source in the Starburst Galaxy M82*, Bulletin of the American Astronomical Society, 32, 1204

Prestwich, A. 2000, *The X-Ray Point Source Population in Spiral Galaxies*, Chandra Proposal, 645

- Matsumoto, H., Tsuru, T. G., Matsushita, S., Kawabe, R., & Prestwich, A. 2000, *The AGN candidate in M82: the remnant of a hypernova?*, Bulletin of the American Astronomical Society, 32, 751
- Prestwich, A. H. 2000, *Chandra Observations of Nearby Galaxies*, Bulletin of the American Astronomical Society, 32, 725
- Karovska, M., et al. 1999, *Detecting Multi-scale Structures in Chandra Images of Centaurus A*, Bulletin of the American Astronomical Society, 31, #116.02
- Seward, F. D., Evans, N. R., Karovska, M., Prestwich, A., Schlegel, E. M., Corcoran, M., & Townsley, L. 1999, *Chandra Observation of Eta Carina*, Bulletin of the American Astronomical Society, 31, 1482
- Kenter, A. T., et al. 1999, *X-ray Emission from Nucleus and Jet of Centaurus A (NGC5128)*, Bulletin of the American Astronomical Society, 31, 1403
- Kraft, R. P., et al. 1999, *A Chandra High Resolution X-ray Image of Centaurus A*, Bulletin of the American Astronomical Society, 31, 1403
- Prestwich, A., Kilgard, R., & Hayes, J. 1999, *The Origin of the Soft X-ray Emission in the Starforming Galaxy NGC 3310*, Bulletin of the American Astronomical Society, 31, 830
- Prestwich, A., Callanan, P., Snowden, S., McDowell, J., Silverman, J., Peterchev, A., David, L., & Elvis, M. 1996, *Spectral Calibration of the ROSAT HRI*, Bulletin of the American Astronomical Society, 28, 1285
- Prestwich, A. 1996, *Data Analysis: User Interface*, Chandra News, 4, 14
- Prestwich, A. 1995, *Revised World Wide Web Homepage*, Chandra News, 3, 14
- Thompson, H. S., & Prestwich, A. 1994, *A Search for X-Ray Substructure in Cooling Flows*, Bulletin of the American Astronomical Society, 26, 1427
- Prestwich, A., & Daines, S. 1994, *ASCA Spectroscopy of the Cooling Flow Cluster Abell 85*, Bulletin of the American Astronomical Society, 26, 1427
- Bohlen, E., Dow, K., Jones, C., & Prestwich, A. 1994, *SAO Summer Intern Program for Undergraduates*, Bulletin of the American Astronomical Society, 26, 1313

McDowell, J., Prestwich, A., Garcia, M., Plummer, D., van Stone, D., & Manning, K. 1993, *The Einstein IPC Unscreened Data Archive*, Bulletin of the American Astronomical Society, 25, 788

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