Jennifer L. Sokoloski
Curriculum Vitae

Columbia Astrophysics Laboratory
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Columbia University
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Education

Ph.D. Physics, University of California, Berkeley, 1999
M.S. Physics, University of California, Berkeley, 1996
S.B. Physics, Massachusetts Institute of Technology, 1989

Scientific Interests

- Accretion & Jets
- Stellar Explosions
- Supernovae used in Cosmology

Research Positions

Columbia Astrophysics Laboratory, Associate Research Scientist, 2008 –

NSF Astronomy & Astrophysics Postdoctoral Fellow, 2003 – 2007. Harvard-Smithsonian Center for Astrophysics (with S. Kenyon) and Columbia Astrophysics Laboratory (with F. Paerels).

NSF International Research Fellow and Visiting Scientist, 2000 – 2003. University of Southampton, UK (with P. Charles) and Harvard-Smithsonian CfA (with S. Kenyon).

University of California, Berkeley, Graduate Student, 8/1993–12/1999, Ph.D. thesis: *Magnetism and Rapid Photometric Variability in Symbiotic Binary Stars*, Advisor: L. Bildsten.

Princeton University, Graduate Student, 8/1991–8/1993.

Publications & Talks

Thirty-nine refereed publications, including papers in Science, Nature, ApJ, ApJ Letters, MNRAS, and A&A, with over 1000 citations

Thirty-five invited presentations — 15 at conferences on symbiotic stars, type Ia supernovae, novae, X-ray binaries, jets, asymmetric planetary nebulae, and X-ray and radio astronomy; and 20 colloquia

Talks & Colloquia

Invited speaker, Radio Meets Hard X-Rays: Two Skies in Comparison, Mysore, India, July 14 - 22, 2012

Invited panelist, Progenitors of Type Ia Supernovae: A Panel Discussion, HEAD meeting, Newport, RI, Sep, 2011

Invited speaker, Paths to Type Ia Supernova Explosion, IAU Symposium 281, Padova, Italy, July 4-8, 2011

Invited speaker, Observational signatures of type Ia supernova progenitors, Leiden, The Netherlands, September 20 – 24, 2010

Invited speaker, Asymmetrical Planetary Nebulae V, June 20-25, 2010, Lake District, UK

Invited speaker, Swift Mission Conference: Celebrating 5 Years, Penn State, November 17 – 20, 2009

Invited "Framing" talk, Towards Understanding Planetary Nebulae: Strategic Research Collaborations, June 17 – 19, 2009, Rochester, NY

Invited speaker, Supersoft X-ray Sources — New Developments, May 18 – 20, 2009, Madrid, Spain

Invited speaker, Protostellar Outflows in Context, July 7 – 11, 2008, Rhodes, Greece

Solicited speaker, A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments, October 28 – November 2, 2007, St. Petersburg Beach, Florida

Invited speaker, Asymmetrical Planetary Nebulae IV, June 18-22, 2007, La Palma, Canary Islands

Invited speaker, Paths to Exploding Stars: Accretion and Eruption, March, 2007, KITP, Santa Barbara

Invited speaker, Evolution and chemistry of symbiotic stars, binary post-AGB and related objects, August, 2006, Wierzba, Poland

Invited speaker, JINA Workshop on Classical Novae and Type Ia Supernovae, May, 2005, Santa Barbara, CA

Invited speaker, EuroConference on Symbiotic Stars Probing Stellar Evolution, May, 2002, La Palma, Canary Islands, Spain

Upcoming Astronomy Colloquium, U. Texas, Austin, Fall, 2012

Upcoming Astronomy Colloquium, Rutgers, December, 2011
Astronomy Colloquium, Penn State, December, 2010
Astronomy Colloquium, Villanova, December, 2009
Invited Seminar, Princeton, April, 2009
Institute-wide Colloquium, Goddard Space Flight Center, February, 2009
Invited Seminar, American Museum of Natural History, December, 2008
Astronomy Colloquium, University of Toronto, April, 2008
Astronomy Colloquium, University of Rochester, March, 2008
Astronomy Colloquium, University of Michigan, December, 2007
Astronomy Colloquium, Nat. Radio Astronomy Obs., February, 2007
Astronomy Colloquium, Rutgers University, December, 2006
Astronomy Colloquium, Columbia University, Septermber, 2006
Physics Colloquium, Bowdoin College, April, 2003
Invited Seminar, Lab. for High Energy Astr., GSFC, September, 2003
Invited Seminar, Naval Research Laboratory, July, 2001
Astronomy Colloquium, South African Astr. Observatory, January, 2001
Astronomy Colloquium, University of Southampton, October, 2000
Astronomy Colloquium, University of Utrecht, September, 2000
Astronomy Colloquium, University of Amsterdam, September, 2000

Fellowships and Awards

Columbia Science Fellow, Fall, 2007
NSF Astronomy & Astrophysics Postdoctoral Fellow, 2003-2007
NSF International Research Fellow, 2000-2001
Outstanding Graduate Student Instructor, 1995/1996
Department of Education Fellowship, 1993/1994 and 1994/1995
Princeton President's Fellowship, 1991/1992 and 1992/1993
Sigma Pi Sigma undergraduate physics honor society, 1988/1989

Teaching

PhD supervisor for Columbia graduate student Jennifer Weston (current)

Member of the teaching faculty for Columbia University's "Frontiers of Science" – the science component of the Core Curriculum, Fall, 2007

Research supervisor for Smithsonian Astrophysical Observatory predoctoral fellow Gerardo Luna (2005 – 2007), undergraduate student Cecelia Hedrick (2004 – 2006), and high school student Katie Burnham (2004).

Instructor, 4th International X-Ray Astronomy School, August 15-19, 2005

Volunteer teacher, Science Club for Girls, 2003, 2004

Guest lecturer, Bowdoin College Contemporary Astronomy course for undergraduate non-science majors, April, 2003.

Guest lecturer, U. Southampton graduate seminar Modern Topics in Astrophysics, November, 2000.

Graduate Student Instructor at U.C. Berkeley for Mechanics, Waves, & Heat; Optics & Modern Physics; Advanced Mechanics; and Quantum Mechanics (Fall 1993, Spring 1994, Fall 1994, and Fall 1995).

Professional Service

Colloquium Committee, Columbia University Department of Astronomy (2009–present)

Member, Users Group for the Swift Satellite, 2008 – present

Time Allocation and Review Committees (2003 – present): National Optical Astronomy Observatory, Rossi X-ray Timing Explorer, *Chandra*, NSF, NRAO, Chandra, Science and Technology Facilities Council (UK), *Kepler*

Referee: Science, Astrophysical Journal, Astronomical Journal, Monthly Notices, Astronomy & Astrophysics, Astronomische Nachrichten, International Bulletin of Variable Stars

Scientific Organizing Committee, Radio Meets Hard X-Rays: Two Skies in Comparison, Mysore, India, July, 2012

Scientific Organizing Committee, IAU Symposium 281, Binary paths to Type Ia Supernova Explosions, July, 2011, Padova, Italy

Scientific Organizing Committee, Accretion Processes in X-Rays: From White Dwafs to Quasars, Boston, July, 2010

Scientific Organizing Committee, RS Ophiuchi (2006) and the Recurrent Nova Phenomenon, Keele, UK, June, 2007

Scientific Organizing Committee, Evolution and chemistry of symbiotic stars, binary post-AGB and related objects, Wierzba, Mazury Lakes, Poland, August, 2006

Outreach & Advocacy for Women

American Association of Variable Star Observers, Member of Council, November, 2009 – October, 2011; Vice President, October, 2011 – present

Panelist, Postdoc Panel for Graduate Students, hosted by Women in Science at Columbia, 2007, 2008

PI for NASA-funded project "Rockets to Stars: Encouraging Girls' Interest in Astronomy and Technology", 2006

Moderator, CfA-sponsored panel discussion: The Challenges and Rewards for Women in Science, November, 2005

Member, U.S. Delegation, IUPAP International Conference on Women in Physics, UNESCO Headquarters, Paris, March 2002

Eyes to the Future Science Mentor for Girls, 2001/2002,2002/2003
SWPS Mentor for Berkeley women physics majors, 1997/1998
Founding member, Princeton Grad Women's Alliance, 1991
Founding member, Association for Women Students at MIT, 1989

Publication List
Jennifer L. Sokoloski

♢ Favorites

Refereed Publications

1. "X-ray Emission from an Asymmetric Blast Wave and a Massive White Dwarf in the Gamma Ray Emitting Nova V407 Cyg", T. Nelson, D. Donato, K. Mukai, J. L. Sokoloski, L. Chomiuk, 2011 **ApJ**, submitted

2. "Expanded Very Large Array Nova Project Observations of the Classical Nova V1723 Aquilae", M. I. Krauss, L. Chomiuk, M. Rupen, N. Roy, A. J. Mioduszewski, J. L. Sokoloski, T. Nelson, K. Mukai, M. F. Bode, S. P. S. Eyres, T. J. O'Brien, 2011 **ApJL**, 739, 6

3. "X-Ray and Ultraviolet Emission from the Recurrent Nova RS Ophiuchi in Quiescence: Signatures of Accretion and Shocked Gas", T. Nelson, K. Mukai, M. Orio, G. J. M. Luna, & J. L. Sokoloski, 2011 **ApJ**, 737, 7

4. "Detection of X-rays from the Symbiotic Star V1329 Cyg", M. Stute, G. J. M. Luna, & J. L. Sokoloski, 2011 **ApJ**, 731, 12

5. "Evidence for the White Dwarf Nature of Mira B", J. L. Sokoloski & Lars Bildsten, 2010 **ApJ**, 723, 1188

♢ 6. "Gamma-Ray Emission Concurrent with the Nova in the Symbiotic Binary V407 Cygni", A. A. Abdo and 219 co-authors, including J. L. Sokoloski, 2010, **Science**, 329, 817

7. "Chandra detection of extended X-ray emission from the recurrent nova RS Ophiuchi", G. J. M. Luna, R. Montez, J. L. Sokoloski, K. Mukai, & J. H. Kastner, 2009, **ApJ**, 707, 1168

8. "*Swift* Observations of hard X-ray emitting white dwarfs in symbiotic stars", J. A. Kennea, K. Mukai, J. L. Sokoloski, G. J. M. Luna, J. Tueller, C. B. Markwardt, D. N. Burrows, 2009, **ApJ**, 701, 1992

9. "New Young Planetary Nebulae in IPHAS", K. Viironen and 15 coauthors, including J. L. Sokoloski, 2009, **A&A**, 502, 113

10. "A Planetary Nebula around Nova V458 Vul Undergoing Flash Ionization", R. Wesson and 27 coauthors, including J. L. Sokoloski, 2008, **ApJL**, 688, 21

11. "An Expanding Shell and Synchrotron Jet in RS Ophiuchi", M. P. Rupen, A. J. Mioduszewski, & J. L. Sokoloski, 2008, **ApJ**, 688, 559

♢ 12. "Uncovering the Nature of Nova Jets: A Radio Image of Highly Collimated Outflows from RS Ophiuchi", J. L. Sokoloski, M. P. Rupen, & A. J. Mioduszewski, 2008, **ApJ**, 685, L137

13. "Milliarcsecond N-Band Observations of the Nova RS Ophiuchi: First Science with the Keck Interferometer Nuller", R. K. Barry, W. C. Danchi, W. A. Traub, J. L. Sokoloski, and 37 co-authors, 2008, **ApJ**, 677, 1253

14. "A Comparison of the Variability of the Symbiotic X-ray Binaries GX 1+4, 4U 1954+31, and 4U 1700+24 from Swift/BAT and RXTE/ASM Observations", R. H. D. Corbet, J. L. Sokoloski, K. Mukai, C. B. Markwardt, & J. Tueller, 2008, **ApJ**, 675, 1424

15. "IPHAS and the symbiotic stars. I. Selection method and first discoveries", R. L. M. Corradi, E. R. Rodríguez-Flores, A. Mampaso, R. Greimel, K. Viironen, J. E. Drew, D. J. Lennon, J. Mikolajewska, & J. L. Sokoloski, 2008, **A&A**, 480, 409

16. "The Nature of the Hard-X-Ray Emitting Symbiotic Star RT Cru", G. J. M. Luna & J. L. Sokoloski, 2007, **ApJ**, 671, 741

17. "Interferometric Observations of V1663 Aql (Nova Aql 2005)", B. F. Lane, A. Retter, J. A. Eisner, M. W. Muterspaugh, R. R. Thompson, & J. L. Sokoloski, 2007, **ApJ**, 669, 1150

18. "Outer Jet X-Ray and Radio Emission in R Aqr: 1999.8 to 2004.0", E. Kellogg, C. Anderson, K. Korreck, J. DePasquale, J. Nichols, & J. L. Sokoloski, 2007, **ApJ**, 664, 1079

19. "Interferometric Observations of RS Ophiuchi and the Origin of the Near-IR Emission", B. F. Lane , J. L. Sokoloski, R. K. Barry, W. A. Traub, A. Retter, M. W. Muterspaugh, R. R. Thompson, J. A. Eisner, E. Serabyn, and B. Mennesson, 2007, **ApJ**, 658, 520

20. "Discovery of Rapid Hard X-ray Variability and New Jet Activity in the Symbiotic Binary R Aqr", J. S. Nichols, J. DePasquale, E. Kellogg, C. S. Anderson, J. L. Sokoloski, & J. Pedelty, 2007, **ApJ**, 660, 651

♢ 21. "X-ray Emitting Blast Wave from the Recurrent Nova RS Ophiuchi", J. L. Sokoloski, G. J. M. Luna, K. Mukai, & Scott J. Kenyon, 2006, **Nature**, 442, 276

♢ 22. "Novae as a Mechanism for Producing Cavities around the Progenitors of SN 2002ic and Other Type Ia Supernovae", W. M. Wood-Vasey & J. L. Sokoloski, 2006, **ApJ**, 645, L53

23. "A 'Combination Nova' Outburst in Z Andromedae: Nuclear Shell Burning Triggered by a Disk Instability", J. L. Sokoloski, S. J. Kenyon, B. R. Espey, Charles D. Keyes, S. R. McCandliss, A. K. H. Kong, J. P. Aufdenberg, A. V. Filippenko, W. Li, C. Brocksopp, Christian R. Kaiser, P. A. Charles, & M. P. Rupen, 2006, **ApJ**, 636, 1002

24. "Is GRS 1915+105 A Microquasar?", Christian R. Kaiser, J. L. Sokoloski, Katherine F. Gunn, & Catherine Brocksopp, 2005, **Ap&SS**, 300, 283, astro-ph/0409669

25. "Discovery of a redshifted X-ray emission line in the symbiotic neutron-star binary 4U 1700+24", A. Tiengo, D. K. Galloway, T. di Salvo, M. Méndez, J. M. Miller, J. L. Sokoloski, & M. van der Klis, 2005, **A&A**, 441, 283

26. "The INT Photometric Hα Survey of the Northern Galactic Plane (IPHAS)", J. E. Drew and 34 coauthors, including J. L. Sokoloski, 2005, **MNRAS**, 362, 753

♢ 27. "An X-Ray Jet from a White Dwarf – Detection of the Collimated Outflow from CH Cygni with *Chandra*", Duncan K. Galloway & J. L. Sokoloski, 2004, **ApJ**, 613, L61

28. "Revision of the properties of the GRS 1915+105 jets: Clues from the large-scale structure", C. R. Kaiser, K. R. Gunn, C. Brocksopp, & J. L. Sokoloski, 2004, **ApJ**, 612, 332

29. "A Radio 'Jet' in the Prototypical Symbiotic Star Z Andromedae?", C. Brocksopp, J. L. Sokoloski, C. R. Kaiser, A. M. Richards, T. W. B. Muxlow, & N. Seymour, 2004, **MNRAS**, 347, 430

30. "CH Cygni I: Observational Evidence for a Disk-Jet Connection", J. L. Sokoloski & S. J. Kenyon, 2003, **ApJ**, 584, 1021

31. "CH Cygni II: Optical Flickering from an Unstable Disk", J. L. Sokoloski & S. J. Kenyon, 2003, **ApJ**, 584, 1027

32. "Correlated Radial Velocity and X-Ray Variations in HD 154791/ 4U 1700+24", D. Galloway, J. L. Sokoloski, & Scott J. Kenyon, 2002, **ApJ**, 580, 1065

33. "Four New Delta Scuti Pulsators from a Survey of 131 Stars", J. L. Sokoloski, Lars Bildsten, R. Chornock, & A. V. Filippenko, 2002, **PASP**, 114, 636

34. "A Search for Rapid Photometric Variability in Symbiotic Binaries", J. L. Sokoloski, Lars Bildsten, Wynn C. G. Ho, 2001, **MNRAS**, 326, 553

35. "Discovery of Eclipsing Binary Nature of SAO 31628 = BD+49 2997, Common Comparison Star for CH Cygni", J. L. Sokoloski & R. P. S. Stone, 2000, **IBVS**, 4983

♢ 36. "Discovery of a Magnetic White Dwarf the Symbiotic Binary Z Andromedae", J. L. Sokoloski & L. Bildsten, 1999, **ApJ**, 517, 919

37. "ROSAT HRI Observations of Four High-Redshift Clusters of Galaxies", J. L. Sokoloski, R. A. Daly, & S. J. Lilly, 1996, **ApJ**, 459, 142

38. "Further Probing of the X-Ray Source in NGC 4151: A New Constraint on the Nuclear Geometry", T. Yaqoob, R. S. Warwick, F. Makino, C. Otani, J. L. Sokoloski, I. A. Bond, & M. Yamauchi, 1993, **MNRAS**, 262, 435

39. "The X-Ray Spectral Variability of the BL Lacertae Type Object PKS 2155-304", S. Sembay, R. S. Warwick, C. M. Urry, J. Sokoloski, I. M. George, F. Makino, T. Ohashi, & M. Tashiro, 1993, **ApJ**, 404, 112

Invited Review Papers

1. "Symbiotic Stars", J. L. Sokoloski, PASP, in preparation

2. "Symbiotic Stars as Laboratories for the Study of Accretion and Jets: A Call for Optical Monitoring", J. L. Sokoloski, 2003, Journal of the AAVSO, 31, 89, astro-ph/0403004

3. "Rapid Variability as a Diagnostic of Accretion and Nuclear Burning in Symbiotic Stars and Supersoft X-Ray Sources", J. L. Sokoloski, 2003, in "Symbiotic Stars Probing Stellar Evolution", ASP Conf. Proceedings, Vol. 303, Eds. R. L. M. Corradi, J. Mikolajewska, & T. J. Mahoney (San Francisco: ASP), p. 202, astro-ph/0209101

Selected Conference Contributions

1. "The White Dwarf Mass and the Accretion Rate of Recurrent Novae: an X-ray Perspective", K. Mukai, J. L. Sokoloski, T. Nelson, G. J. M. Luna, 2011, to appear in the proceedings of IAU Symposium 281, "Binary Paths to Type Ia Supernovae Explosions", arXiv:1111.0625

2. "The Rochester White Paper: A Roadmap for Understanding Aspherical Planetary Nebulae", O. de Marco and 33 co-authors, including J. L. Sokoloski, 2011, in Asymmetric Planetary Nebulae 5 conference, A. A. Zijlstra, F. Lykou, I. McDonald, and E. Lagadec, eds.,

3. "Searching for the signatures of jet-ISM interactions in X-ray binaries", J. Miller-Jones, C. Kaiser, T. Maccarone, R. Fender, A. Kapińska, K. Gunn, D. Russell, C. Brocksopp, **J. Sokoloski**, B. Stappers, T. Muxlow, 2008, in "A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments", AIP Conf. Proc., 1010, 50, R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, eds., arXiv:0802.3446

4. "High energy X-ray emission from recurrent novae in quiescence: T CrB", G. J. M. Luna, **J. L. Sokoloski**, & K. Mukai, 2008, to appear in "RS Ophiuchi (2006)" ASP Conf. Series, N. Evans, M. Bode, & T. O'Brien, eds., arXiv:0711.0725

5. "A study of the mass loss rates of symbiotic star systems", K. Korreck, E. Kellogg, & **J. L. Sokoloski**, 2007, in "The Multicolored Landscape of Compact Objects and Their Explosive Origins", AIP Conference Proceedings, 924, 903

6. "X-Ray Jets from White Dwarfs – Detection of the Collimated Outflow from CH Cygni with Chandra", **J. L. Sokoloski** & D. K. Galloway, 2005, presented at the symposium Six Years of Science with Chandra," Nov. 2-4, 2005, Cambridge, MA

7. "A New Kind of Nova", **J. L. Sokoloski**, S. J. Kenyon, A. K. H. Kong, B. R. Espey, S. R. McCandliss, C. D. Keyes, W. Li, A. V. Filippenko, J. Aufdenberg, C. Brocksopp, C. R. Kaiser, P. A. Charles, R. P. S. Stone, 2005, in The Astrophysics of Cataclysmic Variables and Related Objects, ASP Conf. Proceedings, p.293, astro-ph/0410123

8. "Is GRS 1915+105 a microquasar?", Christian R. Kaiser, **J. L. Sokoloski**, Katherine F. Gunn, & Catherine Brocksopp, 2005, in the Proceedings of the Blackhole workshop in Amsterdam, July, 2004, ed. T. Maccarone & R. Fender (Kluwer), astro-ph/0409669

9. "Optical Variability of X-Ray Bright Southern Symbiotic Stars", C. Hedrick & **J. L. Sokoloski**, AAS Meeting 205, 107.06

10. "Short-term Changes in the R Aqr X-ray and Radio Jets", E. M. Kellogg, J. Nichols, **J. L. Sokoloski**, M. Krauss, J. Pedelty, 2004, AAS Meeting 204, 74.14

11. "Jets from Accreting White Dwarfs", **J. L. Sokoloski**, S. J. Kenyon, C. Brocksopp, C. R. Kaiser, & E. M. Kellogg, 2004, in the proceedings for IAU Colloquium 194, Compact Binaries in the Galaxy and Beyond, Revista Mexicana de Astronomia y Astrofisica Conference Series, p. 35, astro-ph/0403396

12. "X-Ray Jets from Compact Stars", E. M. Kellogg, J. Nichols, J. Pedelty, & **J. L. Sokoloski**, 2003, presented at symposium"Four Years of Chandra Observations", Sep. 16-18, 2003, Huntsville, AL

13. "A Radio 'Jet' in the Prototypical Symbiotic Star Z Andromedae?", **J. L. Sokoloski**, C. Brocksopp, C. R. Kaiser, & N. Seymour, 2003, AAS Meeting 201, 17.12

14. "Optical Disk Flickering in the Supersoft X-ray Binary MR Vel (RX J0925.7-4758)", **J. L. Sokoloski**, P. A. Charles, & W. I. Clarkson, 2002, AAS Meeting 200, 8.08

15. "Outbursts of Classical Symbiotics: Multi-Wavelength Observations of the 2000-2001 Outburst of Z Andromedae", **J. L. Sokoloski**, S. J. Kenyon, A. K. H. Kong, P. A. Charles, C. R. Kaiser, N. Seymour, B. R. Espey, C. D. Keyes, S. R. McCandliss, A. V. Filippenko, W. Li, G. G. Pooley, C. Brocksopp, R. P. S. Stone, 2002, in The Physics of Cataclysmic Variables and Related Objects, eds. B. T. Gansicke, K. Beuermann, K. Reinsch (ASP Conference Series), p. 667 astro-ph/0110042

16. "Disc Evolution of EX Draconis", E. T. Harlaftis, C. Papadimitriou, D. Steeghs, **J. Sokoloski**, R. G. M. Rutten, P. Niarchos, K. Gazeas, V. Manimanis, H. Boffin, C. Zurita, 2002, in The Physics of Cataclysmic Variables and Related Objects, eds. B. T. Gansicke, K. Beuermann, K. Reinsch (ASP Conference Series), p. 481

17. "Spectral Properties of the Flickering Optical Light in Symbiotic Recurrent Novae", **J. L. Sokoloski**, M. Eracleous, D. Steeghs, & Lars Bildsten, 2001, BAAS, Vol. 33, No. 2, 11.08

18. "X-Ray Luminosities of Distant Radio-Selected Clusters of Galaxies", **J. L. Sokoloski**, R. A. Daly, & S. J. Lilly, 1994, AIP Conference Proceedings (no. 313), 386

19. "A Search for Microvariability in Five OVV Quasars", H. R. Miller, J. C. Noble, M. T. Carini, C. M. Urry, **J. Sokoloski**, S. B. Howell, 1992, In: Testing the AGN Paradigm, Proceedings of the 2nd Annual Topical Astrophysics Conference, Univ. of Maryland, College Park, Oct. 14-16, 1991, p247

20. "Extreme Ultraviolet Observations of AGN/Active Galactic Nuclei", P. M. Gondhalekar, K. A. Pounds, S. Sembay, **J. Sokoloski**, C. M. Urry, L. Matthews, J. Quenby, 1992, Physics of Active Galactic Nuclei. Proceedings of the International Conference, held in Heidelberg, Germany, June 3-7, 1991. Editors, W.J. Duschl, S.J. Wagner, Springer-Verlag, New York, NY, p52

21. "Recent Observations of PKS2155-304 by *GINGA*", S. Sembay, R. S. Warwick, C. M. Urry, **J. Sokoloski**, I. M. George, T. Makino, & F. Ohashi, 1992, Physics of Active Galactic Nuclei. Proceedings of the International Conference, held in Heidelberg, Germany, June 3-7, 1991. Editors, W.J. Duschl, S.J. Wagner, Springer-Verlag, New York, NY, p100

22. "Extreme X-Ray Variability of the BL Lac PKS 2155-304", **J. Sokoloski**, C. M. Urry, R. Warwick, S. Sembay, & T. Ohashi, 1991, BAAS, 23, 923

Women in Science

23. "Progress on Gender Equity at Nine Top Research Universities", **J. L. Sokoloski**, January 2005, Status: A Report on Women in Astronomy (American Astronomical Society, Washington, D.C.), p. 21

24. "Women in Physics in the United States", C. M. Urry, S. Tobias, K. Budil, H. Georgi, K. Lang, D. Li, L. McNeil, P. Saeta, **J. Sokoloski**, S. Stephenson, A. Venkatesan, Y. Zastavker 2002, in Women in Physics, AIP Conference Proceedings, vol. 628, eds. B. K. Hartline & D. Li , p. 237