VITA: PAUL J. GREEN

Education:

Ph.D. in Physics, 1992, University of Washington

Thesis Title: "Faint High Latitude Carbon Stars"

Thesis Advisor: Bruce Margon

M.S. in Physics, 1989, University of Washington

B.A. in Physics, 1981, Oberlin College

Research & Employment:

NASA Long Term Space Astrophysics Awardee, 1998-2002

Astrophysicist, AXAF Mission Planning, Smithsonian Astrophysical Observatory, 1996 –

Hubble Postdoctoral Fellow, Harvard-Smithsonian Center for Astrophysics, 1993 – 1995

NSF-NATO Postdoctoral Fellow in Science and Engineering, Fall 1992

Research Assistant, University of Washington, 1987 – 1992

Education-Related Experience:

Science Advisor, AXAF Image Investigations Lab, 1998

Coordinator, Peer Instruction ConcepTest Library, 1997-

Chair, Ph.D. Thesis Oversight Committee, Joasia Kuraszkiewicz, 1996–

Scientist, Science-By-Mail Program, Boston Museum of Science, 1996

Lecturer, CfA Public Observatory Nights, 1995

Project Advisor, Summer Intern Program, Harvard-Smithsonian CfA, Summer 1994

Astronomy Teaching Assistant, University of Washington, 1986

Physics Teaching Assistant, Physics Education Group, University of Washington, 1984 – 1985

Secondary Physics Teacher (in French), Peace Corps, Togo, West Africa 1982 – 1984

Awards and Honors:

Observatory during orbital activation

Henderson Prize for Outstanding Ph.D. Thesis, 1993

Hughes/Griffith Observatory Science Writing Award, 1993

Professional Societies:

American Astronomical Society

Astronomical Society of the Pacific

IN REFEREED JOURNALS:

○ Karl Forster, Paul J. Green, et al. 2000, ApJ, in press, *Emission Line Properties of the Large Bright Quasar Survey*

○ Massimo Cappi, et al. 2000, ApJ, in press, *Chandra Study of an Overdensity of X-ray Sources Around Two Distant (*$z \sim 0.5$*) Clusters*

○ John D. Silverman, Kris Eriksen, Paul J. Green, & Andrea Prestwich, A. 2000, MNRAS, in press, *Unprecedented X-ray Coverage of a Serendipitous Flare Star with ROSAT*

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• Paul J. Green, Babar Ali, & Ralf Napiwotzki 2000, ApJ, 540, 992 *Cool Companions to Hot White Dwarfs*

• Adam Riess, et al. 1999, ApJ, 117, 707, *BVRI Light Curves for 22 Type Ia Supernovae*

• Ralf Napiwotzki, Paul J. Green, & Rex A. Saffer 1999, ApJ, 517, 399 *A Comparative Study of the Mass Distribution of Extreme Ultraviolet-Selected White Dwarfs*

• Belinda J. Wilkes, J. Kuraszkiewicz, Paul J. Green, S. Mathur, & J.C. McDowell 1999, ApJ, **513**, 76, *An Investigation of the Relation between the Spectral Energy Distributions and the Emission lines in Low-Redshift Quasars*

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• Paul J. Green, Thomas L. Aldcroft, Smita Mathur & Norbert Schartel 1997, ApJ, **484**, 135, *Evidence Against BALS in the X-ray Bright QSO PG1416–129*

○ Norbert Schartel, Paul J. Green, Scott F. Anderson, Paul C. Hewett, Craig B. Foltz, Bruce Margon, Wolfgang Brinkmann, Henner Fink, & Joachim Trümper 1996, MNRAS, **283**, 1015, ROSAT *Soft X-Ray Properties of the Large Bright Quasar Survey: Modeling of Stacked X-ray Spectra.*

• Paul J. Green 1996, ApJ, **467**, 61, *The Relationship Between the High Energy Continuum and Emission Lines in QSOs: A Low-Redshift Sample*

• Paul J. Green, & Smita Mathur 1996, ApJ, **462**, 637, *The Soft X-Ray Properties of Broad Absorption Line QSOs Observed by the* ROSAT *PSPC.*

• Paul J. Green, Norbert Schartel, Scott F. Anderson, Paul C. Hewett, Craig B. Foltz, Henner Fink, Wolfgang Brinkmann, Joachim Trümper, & Bruce Margon 1995, ApJ, **450**, 51, *The Soft X-Ray Properties of a Large Optical QSO Sample:* ROSAT *Observations Of the Large Bright Quasar Survey.*

• Martijn deKool & Paul J. Green 1995, ApJ, **449**, 236, *A Model for the Space Density of Dwarf Carbon Stars.*

• Paul J. Green, Bruce Margon, Scott F. Anderson, & Kem Cook 1994, ApJ, **434**, 319, *A CCD Survey for Faint, High Latitude Carbon Stars.*

• Paul J. Green and Bruce Margon 1994, ApJ, **423**, 723, *Constraints on the Origin of Dwarf Carbon Stars.*

• Paul J. Green, Bruce Margon, Scott F. Anderson, and D. Jack MacConnell 1992, ApJ, **400**, 659, *Carbon Star Luminosity Indicators.*

• Doug Ingram, Peter Garnavich, Paul J. Green, and Paula Szkody 1992, PASP, **104**, 402, *Photometry and Spectroscopy of Nova Herculis 1991.*

• Peter M. Garnavich, Alberto Noriega-Crespo, and Paul J. Green 1992, Rev. Mex. Astr. Astrofis., **23**, 99, *Wide Field Imaging of the Star Forming Region Lynds 1551.*

• Paul J. Green, Scott F. Anderson, and Martin J. Ward 1992, MNRAS, **254**, 30, *A Compilation of Active and Normal Galaxies Observed in Both Infrared and X-Rays.*

• Paul J. Green, Bruce Margon, and D. Jack MacConnell 1992, ApJ Letters, **380**, L31, *Three Newly-Recognized Dwarf Carbon Stars.*

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OTHER PUBLICATIONS:

• "Understanding the Elusive Dwarf Carbon Star," P. J. Green 2000, Invited Talk, IAU Symposium 177: *The Carbon Star Phenomenon*, ed. R. F. Wing (Kluwer: Dordrecht), pp 27-35.

• "Optical Followup of Serendipitous Sources in Chandra Fields", P. J. Green et al. for the ChaMP Collaboration, 2000, *Bull. Amer. Astron. Society*, **31**, 1493.

◦ "ChaMP and the High Redshift Quasars in X-rays", S. Mathur, H. Marshall, N. Evans, P. Green, & B. Wilkes 2000, in *The Hy-Redshift Universe: Galaxy Formation and Evolution at High Redshift*, eds. Andrew J. Bunker & W. J. M. van Breugel (San Francisco: Astronomical Society of the Pacific), 2000, vol. 193, p.612.

• "Star" P. J. Green, 2000, World Book Encyclopedia (World Book: Chicago), pp 840-852.

• "Cool Companions to Hot White Dwarfs", P. J. Green & Babar Ali 1999, *Bull. Amer.*

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○ “*IRAS* Properties of Slew Survey AGNs, Galaxies, and Stars,” J. F. Schachter, P. J. Green, M. Elvis, and B. Margon 1993, *Bull. Amer. Astron. Society*, **25**, 868.

- “On the Binarity of Dwarf Carbon Stars,” P. J. Green and B. Margon 1993, *Bull. Amer. Astron. Society*, **25**, 876.

- “Faint High-Latitude Carbon Stars,” P. J. Green, PhD. Thesis, University of Washington, 1992.

○ “The X-Ray Properties of a Large, Uniform QSO Sample: *Einstein* Observations of the LBQS,” B. Margon, S. Anderson, Xiao-Yi Wu, P. J. Green, and C. Foltz 1992, *Proc. of the MPE Conf. on X-Ray Emission from AGN and the Cosmic X-Ray Background*, eds. W.

Brinkmann and J. Trümper, Garching: Max Planck, p. 81.

• "A CCD Search for Faint High-Latitude Carbon Stars: Dwarfs Among the Giants," P. J. Green, B. Margon, S. F. Anderson, P. M. Garnavich, K. Cook, and D. J. MacConnell, 1992, in *The Stellar Populations of Galaxies*, Proc. I.A.U. Symp. 149, p. 425, Barbuy, B., and Renzini, A. eds., (Kluwer: Dordrecht).

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• "A CCD Photometric Survey for Distant Halo Carbon Stars," P. J. Green, B. Margon, S. F. Anderson and K. Cook 1990, *Bull. Amer. Astron. Society*, **22**, 1205.