

Publications involving W. P. Blair, as of October 2011

- 2011 “The Far Ultraviolet Spectroscopic Explorer Global Survey of Interstellar O VI in the Large Magellanic Cloud,” **Blair, W. P.**, LaMassa, S., Oliveira, C. M., Sankrit, R., Danforth, C. W., & Dixon, W. V. in preparation.
- 2011 “Spitzer Imaging and Spectral Mapping of the Oxygen-Rich Supernova Remnant G292.0+1.8,” Ghavamian, P., Long, K. S., **Blair, W. P.**, Park, S., Fesen, R., Gaensler, B. M., Hughes, J. P., Rho, J., & Winkler, P. F. *ApJ*, submitted, Oct. 2011.
- 2011 “Ablation and Wind Mass-Loading in the Born-Again Planetary Nebula A 30,” Guerrero, M. A., Chu, Y.-H., Hamann, W.-R., Oskinova, L., Schoenberner, D., Todt, H., Steffan, M., Ruiz, N., Gruendl, R., & **Blair, W. P.** in Proc. IAU Symposium No. 283, Planetary Nebulae: an Eye to the Future, edited by A. Manchado, D. Schoenberner, & L. Stanghellini, in press.
- 2011 “The Intersection of NASA Astrophysics Education & Public Outreach and Higher Education: Results of a Special Interest Group Meeting,” Sharma, M., Smith, D., Schultz, G. Bianchi, L., & **Blair, W. P.** ASP Conf. Series, submitted.
- 2011 “RCW86: A Type Ia Supernova in a Wind-Blown Bubble,” Williams, B. J., **Blair, W. P.**, Blondin, J. M., Borkowski, K. J., Ghavamian, P., Long, K. S., Raymond, J. C., Reynolds, S. P., Rho, J., & Winkler, P. F. *ApJ*, 741, 96.
- 2011 “The Chandra ACIS Survey of M33 (ChASeM33): The Final Source Catalog,” Tüllmann, R., Gaetz, T. J., Plucinsky, P. P., Kuntz, K. D., Williams, B., Pietsch, W., Haberl, F., Long, K. S., **Blair, W. P.**, Sasaki, M., Winkler, P. F., Challis, P., Pannuti, T. G., Edgar, R. J., Helfand, D. J., Hughes, J. P., Kirshner, R. P., Mazeh, T., & Shporer, A. *ApJS*, 193, 31.
- 2011 “Large-scale Shock-ionized and Photo-ionized Gas in M83: The Impact of Star Formation,” Hong, S., Calzetti, D., Dopita, M. A., **Blair, W. P.**, Whitmore, B. C., Balick, B., Bond, H. C., Carollo, M., Disney, M., Frogel, J. A., Hall, D., Holtzman, J. A., Kimble, R. A., McCarthy, P., OConnell, R., Paresce, F., Saha, A., Silk, J., Trauger, J., Walker, A. R., Windhorst, R., Young, E., & Mutchler, M. *ApJ*, 731, 45.
- 2011 “Dusty Blastwaves of Two LMC Supernova Remnants: Constraints on Postshock Compression,” Williams, B. J., Borkowski, K. J., Reynolds, S. P., Ghavamian, P., Raymond, J. C., Long, K. S., **Blair, W. P.**, Sankrit, R., Smith, R. C., Points, S., Winkler, P. F., & Hendrick, S. P. *ApJ*, 729, 65.
- 2010 “Spitzer Observations of Dust Destruction in the Puppis A Supernova Remnant,” Arendt, R. G., Dwek, E., **Blair, W. P.**, Ghavamian, P., Hwang, U., Long, K. S., Petre, R., Rho, J., & Winkler, P. F. *ApJ*, 725, 585.
- 2010 “The Accreting White Dwarf in SS Cygni Revealed,” Sion, E. M., Godon, P., Myzcka, J., & **Blair, W. P.** *ApJ*, 716, L157.
- 2010 “The Antennae Galaxies (NGC 4038/4039) Revisited: ACS and NICMOS Observations of a Prototypical Merger,” Whitmore, B. C., Chandar, R., Schweizer, F., Rothberg, B., Rieke, M., Rieke, G., **Blair, W. P.**, Mengel, S., & Alonso-Herrero, A. *AJ*, 140, 75; see also astro-ph: <http://arxiv.org/abs/1005.0629>.
- 2010 “Supernova Remnants, Planetary Nebulae, and the Distance to NGC 4214,” Dopita, M. A., Calzetti, D., Maiz-Apellaniz, J., **Blair, W. P.**, Long, K. S., Mutchler, M., Whitmore, B. C., Bond, H. E., MacKenty, J., Balick, B., Carollo, M., Disney, M., Frogel, J. A., OConnell, R., Hall, D., Holtzman, J. A., Kimble, R. A., McCarthy, P., Paresce, F., Saha, A., Walker,

- A. R., Silk, J., Sirianni, M., Trauger, J., Windhorst, R., & Young, E. *Ap&SS*, online first, <http://www.springerlink.com/content/y002r38201451807/>.
- 2010 “Resolved Shock Structure of the Balmer-Dominated Filaments in Tycho: Cosmic Ray Precursor?,” Lee, J. J., Raymond, J. C., Park, S., **Blair, W. P.**, Ghavamian, P., Winkler, P. F., & Korreck, K. *ApJ*, 715, L146; see also astro-ph: <http://arxiv.org/abs/1005.3296>.
- 2010 “The Chandra ACIS Survey of M33: X-ray, Optical, and Radio Properties of the Supernova Remnants,” Long, K. S., **Blair, W. P.**, Winkler, P. F., Gaetz, T. J., Ghavamian, P., Helfand, D. J., Hughes, J. P., Kirshner, R. P., Kuntz, K. D., McNeil, E. K., Panutti, T. G., Plucinsky, P. P., Saul, D., Tüllmann, R., & Williams, B. *ApJS*, 187, 495.
- 2010 “Dust Destruction in a Non-Radiative Shock in the Cygnus Loop Supernova Remnant,” Sankrit, R., Williams, B. J., Borkowski, K. J., Gaetz, T. J., Raymond, J. C., **Blair, W. P.**, Ghavamian, P., Long, K. S., & Reynolds, S. P. *ApJ*, 712, 1092.
- 2010 “Non-Maxwellian H α Profiles in Tycho’s Supernova Remnant,” Raymond, J. C., Winkler, P. F., **Blair, W. P.**, Lee, J. J., & Park, S. *ApJ*, 712, 901.
- 2010 “Supernova Remnants and the Interstellar Medium of M83: Imaging and Photometry With the WFC3 on HST,” Dopita, M. A., **Blair, W. P.**, Long, K. S., Mutchler, M., Whitmore, B., Kuntz, K. D., Balick, B., Bond, H., Calzetti, D., Carollo, M., Disney, M., Frogel, J., O’Connell, R., Hall, D., Holtzman, J. A., Kimble, R. A., MacKenty, J., McCarthy, P., Paresce, F., Saha, A., Silk, J., Sirianni, M., Trauger, J., Walker, A. R., Windhorst, R., & Young, E. *ApJ*, 710, 964.
- 2009 “Dust Destruction in a Non-Radiative Shock in the Cygnus Loop Supernova Remnant,” Sankrit, R., Williams, B. J., Borkowski, K. J., Raymond, J. C., Gaetz, T. J., **Blair, W. P.**, Ghavamian, P., Long, K. S., & Reynolds, S. P. *AIPC*, 1183, 95.
- 2009 “Chandra ACIS Survey of M33 (ChASeM33): The Enigmatic X-ray Emission from IC131,” Tüllmann, R., Long, K. S., Pannuti, T. G., Winkler, P. F., Plucinsky, P. P., Gaetz, T. J., Williams, B., Kuntz, K. D., Pietsch, W., **Blair, W. P.**, Haberl, F., & Smith, R. K. *ApJ*, 707, 1361.
- 2009 “The FUSE Archival Web Site Moves to MAST,” Levay, K. L., **Blair, W. P.**, Thompson, R. W., Romelfanger, M. L., Kruk, J. W., Dixon, W. V., Caplinger, J. C., & Smith, M. A. in “Future Directions in Ultraviolet Spectroscopy,” AIP Conf. Proc. 1135, ed. by G. Sonneborn, H. W. Moos, M. van Steenberg, & W. P. Blair, p. 225.
- 2009 “The FUSE/MAST Magellanic Cloud Legacy Project: A New Resource for Magellanic Clouds Researchers,” **Blair, W. P.**, Oliveira, C. M., LaMassa, S. M., Gutman, S., Danforth, C. W., Fullerton, A. W., Sankrit, R., Gruendl, R. D., & Levay, K. in “Future Directions in Ultraviolet Spectroscopy,” AIP Conf. Proc. 1135, ed. by G. Sonneborn, H. W. Moos, M. van Steenberg, & W. P. Blair, p. 43.
- 2009 “FUSE Observations of O VI Absorption in the Large Magellanic Cloud,” **Blair, W. P.**, Oliveira, C. M., LaMassa, S. M., Sankrit, R., & Danforth, C. W. in “Future Directions in Ultraviolet Spectroscopy,” AIP Conf. Proc. 1135, ed. by G. Sonneborn, H. W. Moos, M. van Steenberg, & W. P. Blair, p. 40.
- 2009 “The *FUSE* Legacy in the Magellanic Clouds: An On-line Stellar Sight Line Atlas,” **Blair, W. P.**, Oliveira, C., LaMassa, S., Gutman, S., Danforth, C. W., Fullerton, A. W., Sankrit, R., & Gruendl, R. D. *PASP*, 121, 634.
- 2009 “Spitzer Spectroscopy of the Galactic Supernova Remnant G292.0+1.8: Structure and Composition of the Oxygen-rich Ejecta,” Ghavamian, P., Raymond, J. C., **Blair, W. P.**, Long, K. S., Tappe, A., Park, S., & Winkler, P. F. *ApJ*, 696, 1307.

- 2009 “*FUSE* Observations of KPD 2055+3111, a Star Behind the Cygnus Loop,” **Blair, W. P.**, Sankrit, R., Torres, S. I., Chayer, P., Danforth, C. W., & Raymond, J. C. *ApJ*, 692, 335.
- 2008 “Project Lyman,” McCandliss, S. R., Kruk, J. W., **Blair, W. P.**, Kaiser, M. E., & 19 others *Proc. S.P.I.E.*, 7011, 57.
- 2008 “Chandra ACIS Survey of M33 (ChASem33): Investigating the Hot Ionized Medium in NGC 604,” Tüllmann, R., Gaetz, T. J., Plucinsky, P. P., Long, K. S., Hughes, J. P., **Blair, W. P.**, Winkler, P. F., Pannuti, T. G., Breitschwerdt, D. & Ghavamian, P. *ApJ*, 685, 919.
- 2008 “Ejecta, Dust, and Synchrotron Radiation in SNR B0540-69.3: A More Crab-like Remnant than the Crab,” Williams, B. J., Borkowski, K. J., Reynolds, S. P., Raymond, J. C., Long, K. S., Morse, J., **Blair, W. P.**, Ghavamian, P., Sankrit, R., Hendrick, S. P., Smith, R. C., Points, S., & Winkler, P. F. *ApJ*, 687, 1054.
- 2008 “Chandra ACIS Survey of M33 (ChASem33): A First Look,” Plucinsky, P. P., Williams, B., Long, K. S., Gaetz, T. J., Sasaki, M., Pietsch, W., Tüllmann, R., Smith, R. K., **Blair, W. P.**, Helfand, D., Hughes, J. P., Winkler, P. F., de Avillez, M., Bianchi, L., Breitschwerdt, D., Edgar, R. J., Ghavamian, P., Grindlay, J., Haberl, F., Kirshner, R., Kuntz, K., Mazeh, T., Pannuti, T. G., Shporer, A., & Thilker, D. *ApJS*, 174, 366.
- 2008 “HST/ACS Narrowband Imaging of the Kepler Supernova Remnant,” Sankrit, R., **Blair, W. P.**, Frattare, L. M., Rudnick, L., DeLaney, T., Harrus, I., & Ennis, J. A. *AJ*, 135, 538.
- 2007 “FUSE Astronomy Satellite Decommissioned After Eight Year Mission,” **Blair, W. P.**, & Kruk, J. W. *SPIE Newsroom*, DOI: 10.1117/2.1200712.0958; available online at <http://spie.org/x18357.xml>.
- 2007 “A High Resolution Ultraviolet Absorption Spectrum of Supernova Ejecta in SN1006,” Hamilton, A. J. S., Fesen, R. A., & **Blair, W. P.** *MNRAS*, 381, 771.
- 2007 “The Detection of Far Ultraviolet Line Emission from Balmer-Dominated Supernova Remnants in the Large Magellanic Cloud,” Ghavamian, P., **Blair, W. P.**, Sankrit, R., Raymond, J. C., & Hughes, J. P. *ApJ*, 664, 304, astro-ph/0703809.
- 2007 “Chandra ACIS Survey of M33 (ChASem33): X-ray Imaging Spectroscopy of M33SNR 21: The brightest X-ray Supernova Remnant in M33,” Gaetz, T. J., **Blair, W. P.**, Hughes, J. P., Winkler, P. F., Long, K. S., Pannuti, T. G., Williams, B., Edgar, R. J., Ghavamian, P., Plucinsky, P. P., Sasaki, M., Kirshner, R. P., Avillez, M., & Breitschwerdt, D. *ApJ*, 663, 234.
- 2007 “Spitzer Space Telescope Observations of Kepler’s Supernova Remnant,” **Blair, W. P.**, Ghavamian, P., Long, K. S., Borkowski, K. J., Reynolds, S. P., Williams, B. J., & Sankrit, R. *ApJ*, 662, 998, astro-ph/0703660.
- 2007 “The Pre-shock Gas of SN1006 from HST/ACS Observations,” Raymond, J. C., Korreck, K. E., Sedlacek, Q. C., **Blair, W. P.**, Ghavamian, P., & Sankrit, R. *ApJ*, 659, 1257, astro-ph/0701311.
- 2007 “FUSE Spectroscopy of the XA Region in the Cygnus Loop Supernova Remnant,” Sankrit, R., **Blair, W. P.**, Cheng, J. Y., Raymond, J. C., Gaetz, T. J., & Szentgyorgyi, A. *AJ*, 133, 1383.
- 2006 “Operations with the New FUSE Observatory: Three-axis Control with One Reaction Wheel,” Sahnou, D. J., Kruk, J. W., Ake, T. B., Andersson, B-G., Berman, A. **Blair, W. P.**, Boyer, R., Caplinger, J., Calvani, H., Civeit, T., Dixon, W. V. D., England, M. E., Kaiser, M. E., Kochte, M., Moos, H. W., & Roberts, B. A. in “Space Telescopes and Instrumentation II: Ultraviolet to GammaRay,” edited by J. L. Martin & G. H. Turner, *Proceedings of SPIE Vol. 6266 (SPIE, Bellingham, WA) #626602*.

- 2006 “Dust Destruction in Fast Shocks of Core-Collapse Supernova Remnants in the Large Magellanic Cloud,” Williams, B. J., Borkowski, K. J., Reynolds, S. P., **Blair, W. P.**, Ghavamian, P., Sankrit, R., Hendrick, S., Long, K. S., Raymond, J. C., Smith, R. C., Points, S., & Winkler, P. F. *ApJ*, 652, L33, astro-ph/0610166.
- 2006 “The UV Spectrum of HS 1700+6414 II. FUSE Observations of the He II Lyman alpha Forest,” Fechner, C., Reimers, D., Kriss, G. A., Shull, J. M., Baade, R., Songaila, A., Simcoe, R., Scott, J. E., Moos, H. W., **Blair, W. P.**, Morton, D. C., & Zheng, W. *A&A*, 455, 91 (astro-ph/0605157).
- 2006 “What is the Total Deuterium Abundance in the Local Galactic Disk?,” Linsky, J. L., Draine, B. T., Moos, H. W., Jenkins, E. B., Wood, B. E., Oliveira, C., **Blair, W. P.**, Friedman, S. D., Knauth, D., Lehner, N., Redfield, S., Shull, J. M., Sonneborn, G., Williger, G. M. *ApJ*, 647, 1106, astro-ph/0608308.
- 2006 “Far Ultraviolet Spectroscopic Explorer Survey of Magellanic Cloud Supernova Remnants,” **Blair, W. P.**, Ghavamian, P., Sankrit, R., & Danforth, C. W. *ApJS*, 165, 480, astro-ph/0605508.
- 2006 “Possible Detection of O VI Absorption from the Large Magellanic Cloud Superbubble N70,” Danforth, C. W., & **Blair, W. P.** *ApJ*, 646, 205 (astro-ph/0603809).
- 2006 “Hubble Space Telescope Observations of Oxygen-rich Supernova Remnants in the Magellanic Clouds. III. WFPC2 Imaging of the Young, Crab-like Supernova Remnant SNR0540-69.3,” Morse, J. A., Smith, N., **Blair, W. P.**, Kirshner, R. P., Winkler, P. F., & Hughes, J. P. *ApJ*, 644, 188.
- 2006 “Dust Destruction in Type Ia Supernova Remnants in the Large Magellanic Cloud,” Borkowski, K. J., Williams, B. J., Reynolds, S. P., **Blair, W. P.**, Ghavamian, P., Sankrit, R., Hendrick, S., Long, K. S., Raymond, J. C., Smith, R. C., Points, S., & Winkler, P. F. *ApJ*, 642, L141 (astro-ph/0602313).
- 2006 “FUV and X-ray Observations of the Reverse Shock in the SMC SNR 1E 0102.2-7219,” Sasaki, M., Gaetz, T. J., **Blair, W. P.**, Edgar, R. J., Morse, J. A., & Plucinsky, P. P. *ApJ*, 642, 260 (astro-ph/0602094).
- 2006 “FUSE at 5: Status and Future Prospects,” **Blair, W. P.** in *Astrophysics in the Far Ultraviolet*, ed. by G. Sonneborn, H. W. Moos, & B-G Andersson (ASP Conf. Series), 348, 535.
- 2006 “An Unbiased Far Ultraviolet Survey of Magellanic Cloud Supernova Remnants,” Ghavamian, P., **Blair, W. P.**, Sankrit, R., Danforth, C., & Sembach, K. R. in *Astrophysics in the Far Ultraviolet*, ed. by G. Sonneborn, H. W. Moos, & B-G Andersson (ASP Conf. Series), 348, 331.
- 2006 “The Hot Gas Content of LMC Superbubble N70,” Danforth, C. W., **Blair, W. P.**, Sembach, K. R., & Chu, Y-H. in *Astrophysics in the Far Ultraviolet*, ed. by G. Sonneborn, H. W. Moos, & B-G Andersson (ASP Conf. Series), 348, 325.
- 2006 “FUSE Observations of Supernova Remnants,” Sankrit, R., **Blair, W. P.**, & Raymond, J. C. in *Astrophysics in the Far Ultraviolet*, ed. by G. Sonneborn, H. W. Moos, & B-G Andersson (ASP Conf. Series), 348, 319.
- 2006 “The FUSE Legacy in the Magellanic Clouds,” **Blair, W. P.**, Sankrit, R., Hoopes, C., Fullerton, A. W., Danforth, C. W., Sembach, K. R., Walborn, N., Chu, Y.-H., Howk, J. C., Welty, D., Massa, D., Staveley-Smith, L., & Crowther, P. in *Astrophysics in the Far Ultraviolet*, ed. by G. Sonneborn, H. W. Moos, & B-G Andersson (ASP Conf. Series), 348, 127.

- 2006 “Deuterium Abundance Towards SS Cygni,” Sahnou, D. J., **Blair, W. P.**, McCandliss, S. R., Froning, C. S., & Long, K. S. in *Astrophysics in the Far Ultraviolet*, ed. by G. Sonneborn, H. W. Moos, & B-G Andersson (ASP Conf. Series), 348, 91.
- 2006 “Deconvolving the γ^2 Vel Sight Line Using IX Vel as a Foreground Probe,” **Blair, W. P.**, Oliveira, C., Hébrard, G., Sembach, K. R., Friedman, S. D., & Moos, H. W. in *Astrophysics in the Far Ultraviolet*, ed. by G. Sonneborn, H. W. Moos, & B-G Andersson (ASP Conf. Series), 348, 73.
- 2005 “FUV Spectroscopy of SS Cygni and WX Hydrī in Quiescence,” Long, K. S., Froning, C. S., Knigge, C., **Blair, W. P.**, Kallman, T. R., & Ko, Y-K. *ApJ*, 630, 511.
- 2005 “HST/ACS Imaging of a Balmer-dominated Shock in Kepler’s Supernova Remnant,” Sankrit, R., **Blair, W. P.**, DeLaney, T., Rudnick, L., Harrus, I. M., & Ennis, J. A. *Adv. in Space Research (COSPAR)*, 35, 1027.
- 2005 “HST and FUSE Observations of Young Supernova Remnants in the Magellanic Clouds,” **Blair, W. P.**, Sankrit, R., Morse, J. A., & Beasley, M. in proceedings of 2003 STScI May Symposium “The Local Group as an Astrophysical Laboratory,” ed. by M. Livio and T. M. Brown, STScI publication, pg. 15.
- 2005 “Kepler’s Supernova Remnant: The View at 400 Years,” **Blair, W. P.** in *Supernovae as Cosmological Lighthouses*, ed. by M. Turrato, S. Benniti, L. Zampieri & W. Shea, ASP Conference Series, 342, 416.
- 2005 “Far Ultraviolet Spectroscopic Explorer,” **Blair, W. P.** World Book Online Reference Center, World Book Inc., 20 Oct. 2005
<http://www.worldbookonline.com/wb/Article?id=ar749334j>.
- 2005 “STIS Spectroscopy of Young Star Clusters in “The Antennae” Galaxies (NGC 4038/4039),” Whitmore, B. C., Gilmore, D., Leitherer, C., Fall, S. M., Chandar, R., **Blair, W. P.**, Schweizer, F., Zhang, Q., & Miller, B. W. *AJ*, 130, 2104.
- 2005 “Revealing the Supernova Remnant population of M33 with Chandra,” Ghavamian, P., **Blair, W. P.**, Long, K. S., Sasaki, M., Gaetz, T. J., & Plucinsky, P. P. *AJ*, 130, 539.
- 2005 “Hubble Space Telescope Imaging of the Primary Shock Front in the Cygnus Loop Supernova Remnant,” **Blair, W. P.**, Sankrit, R., & Raymond, J. C. *AJ*, 129, 2268.
- 2004 “The Evolution of the FUSE Spike Long Range Planning System,” Calvani, H., Berman, A. F., **Blair, W. P.**, Caplinger, J., England, M. N., Roberts, B. A., Hawkins, R., Ferdous, N., & Krueger, T. IW PSS, in Proceedings of June 2004 IW PSS-04, “Fourth International Workshop for Planning and Scheduling for Space,” ESA-ESOC, Darmstadt, Germany, (WPP-228, ESA Publication Division).
- 2004 “An Optical Survey of Supernova Remnants in M83,” **Blair, W. P.**, & Long, K. S. *ApJS*, 155, 101.
- 2004 “FUSE Spectroscopy of the LMC Supernova Remnant N49,” Sankrit, R., **Blair, W. P.**, & Raymond, J. C. *AJ*, 128, 1615.
- 2004 “FORTIS: Pathfinder to the Lyman Continuum,” McCandliss, S. R., France, K., Feldman, P., Glazebrook, K. G., Meurer, G., Bianchi, L., Moos, H. W., Kruk, J. W., **Blair, W. P.**, & Baldry, I. in *UV-Gamma Ray Space Telescope Systems*, Proc. SPIE 5488 (117).
- 2004 “Two New Low Galactic D/H Measurements from FUSE,” Wood, B. E., Linsky, J. L., Hébrard, G., Williger, G. M., Moos, H. W., & **Blair, W. P.** *ApJ*, 609, 838.
- 2004 “FUSE Observations of Highly Ionized Gas in the Vela Supernova Remnant,” Slavin, J. D., Nichols, J. S., & **Blair, W. P.** *ApJ*, 606, 900.

- 2004 “The Deuterium-to-Hydrogen Ratio in a Low-Metallicity Cloud Falling onto the Milky Way,” Sembach, K. R., Wakker, B. P., Tripp, T. M., Richter, P., Kruk, J. W., **Blair, W. P.**, Moos, H. W., Savage, B. D., Shull, J. M., York, D. G., Sonnenborn, G. S., Hebrard, G., Ferlet, R., Vidal-Madjar, A., Friedman, S. D., & Jenkins, E. B. *ApJS*, 150, 387.
- 2003 “Operation of the Far Ultraviolet Spectroscopic Explorer Mission,” Moos, H. W., Joyce, J. B., Silva, C. J. **Blair, W. P.**, Kruk, J. W. & Ake, T. B. 2003 IEEE Aerospace Conference Proceedings, (distributed only on CD-ROM).
- 2003 “Optical and Far-UV Spectroscopy of Knot D in the Vela Supernova Remnant,” Sankrit, R., **Blair, W. P.**, & Raymond, J. C. *ApJ*, 589, 242.
- 2003 “Far Ultraviolet Spectra of a Non-radiative Shock Wave in the Cygnus Loop,” Raymond, J. C., Ghavamian, P., Sankrit, R., **Blair, W. P.**, & Curiel, S. *ApJ*, 584, 770.
- 2003 “High Resolution Observations of Supernova Remnants,” **Blair, W. P.**, in Proceedings of the conference “Hubble’s Science Legacy: Future Optical-Ultraviolet Astronomy from Space”, eds. K.R. Sembach, J.C. Blades, G.D. Illingworth, & R.C. Kennicutt, ASP Conference Series, 291, 343.
- 2003 “The FUSE Survey of O VI Absorption In and Near the Galaxy,” Wakker, B. P., Savage, B. D., Sembach, K. R., Richter, P., Meade, M., Jenkins, E. B., Shull, J. M., Ake, T. B., **Blair, W. P.**, Dixon, W. V., Friedman, S. D., Green, J. C., Kruk, J. W., Moos, H. W., Murphy, E. M., Oegerle, W. R., Sahnou, D. J., Sonneborn, G., Wilkinson, E., & York, D. G. *ApJS*, 146, 1.
- 2003 “The FUV/H α Kinematics of the SNR 0057-7226 and SMC N66,” Danforth, C. W., Sankrit, R., **Blair, W. P.**, Howk, J. C., & Chu, Y.-H. *ApJ*, 586, 1179.
- 2003 “FUSE Observations of the Cygnus Loop: Probing Shock-Cloud Interactions,” Sankrit, R., & **Blair, W. P.**, in Proceedings of the conference “Winds, Bubbles, & Explosions,” Ed. by S. J. Arthur & W. J. Henney, *RevMexAA*, 15, 249.
- 2003 “Operations with the FUSE Observatory,” **Blair, W. P.**, Kruk, J. W., Moos, H. W., & Oegerle, W. R. in *Proc. SPIE*, 4854, ed. by J. C. Blades & O. H. W. Siegmund, p. 241.
- 2002 “Chandra Observations of the Eastern Limb of the Vela Supernova Remnant,” Plucinsky, P. P., Smith, R. K., Edgar, R. J., Gaetz, T. J., Slane, P. O., & **Blair, W. P.**, in “XMM-Newton New Visions,” ESA WPP Conference Series, ed. by F. Jansen (distributed on CD-ROM).
- 2002 “A FUSE Survey of Interstellar Molecular Hydrogen in Translucent Clouds,” Rachford, B. L., Snow, T. P., Tumlinson, J., Shull, J. M., **Blair, W. P.**, Ferlet, R., Friedman, S. D., Gry, C., Jenkins, E. B., Morton, D. C., Savage, B. D., Sonneborn, G., Vidal-Madjar, A., Welty, D. E., & York, D. G. *ApJ*, 577, 221.
- 2002 “Chandra Observations of the Eastern Limb of the Vela Supernova Remnant,” Plucinsky, P. P., Smith, R. K., Edgar, R. J., Gaetz, T. J., Slane, P. O., **Blair, W. P.**, Townsley, L. K., & Broos, P. S. in “Neutron Stars in Supernova Remnants,” ed. by P. O. Slane & B. M. Gaensler, ASP Conf. Series 271, (San Francisco: ASP), p. 407.
- 2002 “Far Ultraviolet Spectroscopic Explorer and Hopkins Ultraviolet Telescope Observations of Radiative Shocks in the Cygnus Loop,” **Blair, W. P.**, Sankrit, R., & Tulin, S. *ApJS*, 140, 367.
- 2002 “Abundances of Deuterium, Nitrogen, and Oxygen in the Local Interstellar Medium: Overview of First Results from the FUSE Mission,” Moos, H. W., Sembach, K. R., Vidal-Madjar, A., York, D. G., Friedman, S. D., Hebrard, G., Kruk, J. W., Lehner, N., Lemoine, M., Sonneborn, G., Wood, B. E., Ake, T. B., Andre, M., **Blair, W. P.**, Chayer,

- P., Gry, C., Dupree, A. K., Ferlet, R., Feldman, P. D., Green, J. C., Howk, J. C., Hutchings, J. M., Jenkins, E. B., Linsky, J. L., Murphy, E. M., Oegerle, W. R., Oliveira, C., Roth, K., Sahnou, D. J., Savage, B. D., Shull, J. M., Tripp, T. M., Weiler, E. J., Welsh, B. Y., Wilkinson, E., & Woodgate, B. E. *ApJS*, 140, 3.
- 2002 “Deuterium Abundance Toward G191-B2B: Results from the FUSE Mission,” Lemoine, M., Vidal-Madjar, A., Hebrard, G., Desert, J.-M., Ferlet, R., Lecavalier des Etangs, A., Howk, J. C., Andre, M., **Blair, W. P.**, Friedman, S. D., Kruk, J. W., Lacour, S., Moos, H. W., Sembach, K. R., Chayer, P., Jenkins, E. B., Koester, D., Linsky, J. L., Wood, B. E., Oegerle, W. R., Sonneborn, G., & York, D. G. *ApJS*, 140, 67.
- 2002 “Deuterium Abundance Toward WD2211-495: Results from the FUSE Mission,” Hebrard, G., Lemoine, M., Vidal-Madjar, A., Desert, J.-M., Lecavalier des Etangs, A., Ferlet, R., Wood, B. E., Linsky, J. L., Kruk, J. W., Chayer, P., Lacour, S., **Blair, W. P.**, Friedman, S., Moos, H. W., Sembach, K. R., Sonneborn, G., Oegerle, W. R., & Jenkins, E. B. *ApJS*, 140, 103.
- 2002 “An Atlas of Magellanic Cloud Sightlines Observed with FUSE,” Danforth, C. W., Howk, J. C., Fullerton, A. W., **Blair, W. P.**, & Sembach, K. R. *ApJS*, 139, 81.
- 2002 “FUSE Observations of the Cygnus Loop: O VI Emission from a Nonradiative Shock,” Sankrit, R., & **Blair, W. P.** *ApJ*, 565, 297.
- 2001 “Supernova Remnants and Shock Dynamics,” **Blair, W. P.** in IAP XVII, Gaseous Matter in Galaxies and Intergalactic Space, ed. by R. Ferlet, M. Lemoine, J.-M. Desert & B. Raban (Frontier Group), p. 157.
- 2001 “Ultraviolet Broad Absorption Features and the Spectral Energy Distribution of the QSO PG1351+64,” Zheng, W., Kriss, G. A., Wang, J.-X., Brotherton, M. Oegerle, W., Blair, W. P., Davidsen, A. F., Green, R. F., Hutchings, J. B., & Kaiser, M. E. *ApJ*, 562, 152.
- 2001 “Shock Wave Emission at Miller’s Position 1 in the Cygnus Loop,” Raymond, J. C., Li, J., Blair, W. P., & Cornett, R. H. *ApJ*, 560, 763.
- 2001 “FUSE Observations of O VI Emission from the Diffuse Interstellar Medium,” Shelton, R. L., Kruk, J. W., Murphy, E. M., Andersson, B-G, Blair, W. P., Dixon, W. V., Edelstein, J., Fullerton, A. W., Gry, C., Howk, J. C., Jenkins, E. B., Linsky, J. L., Moos, H. W., Oegerle, W. R., Oey, M. S., Roth, K. R., Sahnou, D. J., Sankrit, R., Savage, B. D., Sembach, K. R., Shull, J. M., Siegmund, O. H. W., Vidal-Madjar, A., Welsh, B. Y., & York, D. G. *ApJ*, 560, 730.
- 2001 “FUSE Observations of a Supernova Remnant in the Line of Sight to HD 5980 in the Small Magellanic Cloud,” Hoopes, C. G., Sembach, K. R., Howk, J. C., & Blair, W. P. *ApJ*, 558, L35.
- 2001 “Molecular Hydrogen Depletion in the β Pictoris Disk and Evaporating Planetesimals,” Lecavelier des Etangs, A., Vidal-Madjar, A., Roberge, A., Feldman, P. D., Deleuil, M., Andre, M., Blair, W. P., Bouret, J.-C., Desert, J.-M., Ferlet, R., Friedman, S., Hebrard, G., Lemoine, M., & Moos, H. W. *Nature*, 412, 706.
- 2001 “Is β Pictoris an Active Star?,” Deleuil, M., Bouret, J.-C., Lecavalier des Etangs, Roberge, A., Vidal-Madjar, A., Andre, M., Blair, W. P., Feldman, P. D., Ferlet, R., Friedman, S., & Moos, H. W. *ApJ*, 557, L67.
- 2001 “A Detailed Analysis of a Cloud-Shock Interaction in the Cygnus Loop,” Danforth, C. W., Blair, W. P., & Raymond, J. C. *AJ*, 122, 938.
- 2001 “The Far Ultraviolet Spectroscopic Explorer: 1 year in orbit,” Sahnou, D. J., Moos, H. W.,

- Friedman, S. D., Blair, W. P., Conard, S. J., Kruk, J. W., Murphy, E. M., Oegerle, W. R., & Ake, T. B. Proc. SPIE, 4139, 334.
- 2001 "UV/Optical Observations of Young Supernova Remnants," Blair, W. P. in the Proceedings of the Maryland Astrophysics Conference, 'Young Supernova Remnants,' ed. by S. S. Holt and U. Hwang (AIP: New York), vol. 565, p. 153.
- 2001 "Hubble Space Telescope Images of the Ultraluminous Supernova Remnant Complex in NGC 6946," Blair, W. P., Fesen, R. A., & Schlegel, E. M. AJ, 121, 1497.
- 2001 "FUSE Observations of an X-ray Bright Region in the Vela Supernova Remnant," Sankrit, R., Shelton, R. L., Blair, W. P., Sembach, K. R., & Jenkins, E. B. ApJ, 549, 416.
- 2000 "HST-STIS Observations of the Cygnus Loop: Spatial Structure of a Non-Radiative Shock," Sankrit, R., Blair, W. P., Raymond, J. C., & Long, K. S. AJ, 120, 1925.
- 2000 "Rosat HRI and ASCA Observations of the Spiral Galaxy NGC 6946 and Its Northeast Complex of Luminous Supernova Remnants," Schlegel, E. M., Blair, W. P., & Fesen, R. A. AJ, 120, 791.
- 2000 "On-orbit Performance of the Far Ultraviolet Spectroscopic Explorer (FUSE)," Sahnou, D. J., et al. (35 authors) Proc. SPIE, 4013, 334.
- 2000 "FUSE Observations of Diffuse Interstellar Molecular Hydrogen," Shull, J. M., Tumlinson, J., Jenkins, E. B., Moos, H. W., Rachford, B. L., Savage, B. D., Sembach, K. R., Snow, T. P., Sonneborn, G., York, D. G., Blair, W. P., Green, J. C., Friedman, S. D., & Sahnou. D. J. ApJ, 538, L73.
- 2000 "FUSE Observations of Molecular Hydrogen in Translucent Interstellar Clouds," Snow, T. P., Rachford, B. L., Tumlinson, J., Shull, J. M., Welty, D. E., Blair, W. P., Ferlet, R., Friedman, S. D., Gry, C., Jenkins, E. B., Morton, D. C., Savage, B. D., Sembach, K. R., Vidal-Madjar, A., York, D. G., Andersson, B.-G., Feldman, P. D., & Moos, H. W. ApJ, 538, L65.
- 2000 "Far Ultraviolet Spectroscopic Explorer Observations of the Supernova Remnant N49 in the Large Magellanic Cloud," Blair, W. P., Sankrit, R., Shelton, R. L., Sembach, K. R., Moos, H. W., Raymond, J. C., York, D. G., Feldman, P. D., Chayer, P., Murphy, E. M., Sahnou. D. J., & Wilkinson, E. ApJ, 538, L61.
- 2000 "FUSE Observations of O VI in High Velocity Clouds," Sembach, K. R., Savage, B. D., Shull, J. M., Jenkins, E. B., Murphy, E. M., York, D. G., Ake, T., Blair, W. P., Davidsen, A. F., Friedman, S. D., Gibson, B. K., Kruk, J. W., Moos, H. W., Oegerle, W. R., Sahnou. D. J., & Sonneborn, G. ApJ, 538, L31.
- 2000 "FUSE Observations of O VI Absorption in the Galactic Halo," Savage, B. D., Sembach, K. R., Jenkins, E. B., Shull, J. M., York, D. G., Sonneborn, G., Moos, H. W., Friedman, S. D., Green, J. C., Oegerle, W. R., Blair, W. P., Kruk, J. W., & Murphy, E. M. ApJ, 538, L27.
- 2000 "On Orbit Performance of the Far Ultraviolet Spectroscopic Explorer (FUSE) Satellite," Sahnou, D. J., et al. (34 authors incl. W. P. Blair) ApJ, 538, L7.
- 2000 "Overview of the Far Ultraviolet Spectroscopic Explorer Mission," Moos, H. W., et al. (57 authors incl. W. P. Blair) ApJ, 538, L1.
- 2000 "Hubble Space Telescope Observations of Oxygen-rich Supernova Remnants in the Magellanic Clouds. II. FOS Spectroscopy of N132D and E0102.2-7219," Blair, W. P., Morse, J. A., Raymond, J. C., Kirshner, R. P., Hughes, J. P., Dopita, M. A., Sutherland, R. S., Long, K. S., & Winkler, P. F. ApJ, 537, 667.

- 2000 "Evidence for Shock Precursors in Tycho's Supernova Remnant," Ghavamian, P., Raymond, J. C., Hartigan, P., & Blair, W. P. *ApJ*, 535, 266.
- 2000 "A Comparison of Ultraviolet, Optical, and X-ray Imagery of Selected Fields in the Cygnus Loop," Danforth, C. W., Cornett, R. H., Levenson, N. A., Blair, W. P., & Stecher, T. P. *AJ*, 119, 2319.
- 2000 "Far Ultraviolet Emission from Supernova Remnant Shocks," Sankrit, R., & Blair, W. P. in *IAU Symp. 195, "Highly Energetic Physical Processes and Mechanisms for Emission,"* ed. by P.H.C. Martens and S. Tsurata, *ASP Conf. Series*, p.425.
- 1999 "The Distance to the Cygnus Loop from Hubble Space Telescope Imaging of the Primary Shock Front," Blair, W. P., Sankrit, R., Raymond, J. C., & Long, K. S. *AJ*, 118, 942.
- 1999 "The Far-Ultraviolet Spectrum and Short Timescale Variability of AM Herculis from Observations with the Hopkins Ultraviolet Telescope," Greeley, B. W., Blair, W. P., Long, K. S., & Raymond, J. C. *ApJ*, 513, 491.
- 1999 "Rapid Variability in the FUV Spectrum of AM Herculis," Greeley, B. W., Blair, W. P., Long, K. S., & Raymond, J. C. in "Annapolis Workshop on Magnetic Cataclysmic Variables," *ASP Conf. Series*, ed. by C. Hellier and K. Mukai, p. 169.
- 1998 "HST Observations of Oxygen-rich Supernova Remnants in the Magellanic Clouds," Morse, J. A., Blair, W. P., & Raymond, J. C. *RMAASC*, 7, 21.
- 1998 "Ultraviolet H₂ Emission from HH2," Raymond, J. C., Blair, W. P., & Long, K. S. *RMAASC*, 7, 7.
- 1998 "An Overview of Results from the Hopkins Ultraviolet Telescope," Blair, W. P. *ESA SP-413*, ed. by R. Gonzalez-Riestra, W. Wamsteker, & R.A. Harris, p. 763.
- 1998 "FUV Spectroscopy of Magnetic Cataclysmic Variables and Preliminary Results from ORFEUS-II," Greeley, B. W., Blair, W. P., & Long, K. S. 13th North American Workshop on Cataclysmic Variables, *ASP Conference Series* 137, ed. by S. Howell, E. Kuulkers, & C. Woodward, p. 444.
- 1998 "A New Optical Sample of Supernova Remnants in M33," Gordon, S. M., Kirshner, R. P., Long, K. S., Duric, N., Blair, W. P., & Smith, R. C. *ApJS*, 117, 89.
- 1998 "A New View of Interstellar Shock Waves and Supernova Remnants," Blair, W. P. *ESA SP-413*, ed. by R. Gonzalez-Riestra, W. Wamsteker, & R.A. Harris, p. 441.
- 1997 "An Optical Search for of Supernova Remnants in NGC 2403," Matonick, D. M., Fesen, R. A., Blair, W. P., & Long, K. S. *ApJS*, 113, 333.
- 1997 "Hopkins Ultraviolet Telescope Observations of Her X-1," Boroson, B., Blair, W. P., Davidsen, A. F., Vrtilik, S. D., Raymond, J. Long, K. S., & McCray. R. *ApJ*, 491, 903.
- 1997 "Hopkins Ultraviolet Telescope Observations of H₂ Emission from HH2," Raymond, J. C., Blair, W. P., & Long, K. S. *ApJ*, 489, 314.
- 1997 "The Far-Ultraviolet Spectrum of the Intermediate Polar EX Hya," Greeley, B. W., Blair, W. P., Long, K. S., & Knigge, C. *ApJ*, 488, 419.
- 1997 "The Ultraviolet Spectrum of a Face-On Shock Wave in the Vela Supernova Remnant," Raymond, J. C., Blair, W. P., Long, K. S., Vancura, O., Edgar, R. J., Morse, J., Hartigan, P., & Sanders, W. T. *ApJ*, 482, 881.
- 1997 "Disks, Winds, and Veiling Curtains: Dissecting the Ultraviolet Spectrum of the Dwarf Nova Z Cam in Outburst," Knigge, C. Long, K. S., Blair, W. P., & Wade, R. A. *ApJ*, 476, 291.
- 1997 "The Rosat-HRI X-Ray Survey of the Cygnus Loop," Levenson, N. A., Graham. J. R.,

- Aschenbach, B., Blair, W. P., Brinkmann, W., Busser, J.-U., Egger, R., Fesen, R. A., Hester, J. J., Kahn, S. M., Klein, R. I., McKee, C. F., Petre, R., Pisarski, R., & Raymond, J. C. *ApJ*, 484, 304.
- 1997 “HST/WFPC2 Imaging of the Crab Nebula. I. Observational Overview,” Blair, W. P., Davidson, K., Fesen, R. A., Uomoto, A., MacAlpine, G. M., & Henry, R. B. C. *ApJS*, 109, 473.
- 1997 “Identification of Supernova Remnants in the Sculptor Group Galaxies NGC 300 and NGC 7793,” Blair, W. P., & Long, K. S. *ApJS*, 108, 261.
- 1996 “Hubble Space Telescope Observations of Oxygen-rich Supernova Remnants in the Magellanic Clouds. I. Narrow-band Imaging of N132D in the LMC,” Morse, J. A., Blair, W. P., Dopita, M. A., Hughes, J. P., Kirshner, R. P., Long, K. S., Raymond, J. C., Sutherland, R. S., & Winkler, P. F. *AJ*, 112, 509.
- 1996 “Electron-Ion Equilibration in Non-radiative Shocks Associated with SN1006,” Laming, J. M., Raymond, J. C., McLaughlin, B. M., & Blair, W. P. *ApJ*, 472, 267.
- 1996 “A Search for Fe III in SN1006 Using the Hopkins Ultraviolet Telescope,” Blair, W. P., Long, K. S., & Raymond, J. C. *ApJ*, 468, 871.
- 1996 “Observations of the Dwarf Nova VW Hydri in Quiescence with the Hopkins Ultraviolet Telescope,” Long, K. S., Blair, W. P., Hubeny, I., & Raymond, J. C. *ApJ*, 466, 964.
- 1996 “A Deep X-ray Image of M33,” Long, K. S., Charles, P. A., Blair, W. P., & Gordon, S. M. *ApJ*, 466, 750.
- 1996 “Far-Ultraviolet Observations of Supernova Remnants,” Blair, W. P. in *IAU Colloq. 145, Supernovae and Supernova Remnants*, ed. R. McCray & Z. Wang (Cambridge: Cambridge Univ. Press), p. 391.
- 1995 “Astro-2 Reaps Scientific Bounty,” Blair, W. P. in *Physics News in 1995*, ed. P. F. Schewe & B. P. Stein (College Park, MD: AIP), 7.
- 1995 “On the Propinquity of Shock-Excited and Photonized Plasma: The Supernova Remnant and H II Region of N63A,” Levenson, N. A., Kirshner, R. P., Blair, W. P., & Winkler, P. F. *AJ*, 110, 747.
- 1995 “Performance and Calibration of the Hopkins Ultraviolet Telescope on the Astro-2 Mission,” Kruk, J. W., Durrance, S. T., Kriss, G. A., Davidsen, A. F., Blair, W. P., Espey, B. R., & Finley, D. *ApJ*, 454, L1.
- 1995 “A Far Ultraviolet Spectrum of the Puppis A Supernova Remnant Using the Hopkins Ultraviolet Telescope,” Blair, W. P., Raymond, J. C., Long, K. S., & Kriss, G. A. *ApJ*, 454, L35.
- 1995 “Hopkins Ultraviolet Telescope Observations of U Geminorum Far from Outburst,” Long, K. S., Blair, W. P., & Raymond, J. C. *ApJ*, 454, L39.
- 1995 “Hopkins Ultraviolet Telescope Observations of Nova Circini 1995 and Nova Aquilae 1995,” Greeley, B. W., Blair, W. P., & Long, K. S. *ApJ*, 454, L43.
- 1995 “Detection of Ultraviolet Emission Lines in SN1006 with the Hopkins Ultraviolet Telescope,” Raymond, J. C., Blair, W. P., & Long, K. S. *ApJ*, 454, L31.
- 1995 “Neutral Sulfur Emission from the Io Torus Measured with the Hopkins Ultraviolet Telescope,” Durrance, S. T., Feldman, P. D., Blair, W. P., Davidsen, A. F., Kriss, G. A., Kruk, J. W., Long, K. S., & Moos, H. W. *ApJ*, 447, 408.
- 1995 “Hopkins Ultraviolet Telescope Observations of H₂ Toward the Planetary Nebula NGC 1535,” Bowers, C. W., Blair, W. P., Long, K. S., & Davidsen, A. F. *ApJ*, 444, 748.

- 1995 "A Voyager 2 UVS Spectrum of the Vela Supernova Remnant," Blair, W. P., Vancura, O., & Long, K. S. *AJ*, 110, 312.
- 1995 "Scientific Achievements of Ten Years of Spacelab: Achievements in Astrophysics," Davidsen, A. F., & Blair, W. P. in Proc. "Space Programs and Technology," a conference held in Huntsville, AL, Sept. 27-29, 1995.
- 1995 "ROSAT Observations of the Supernova Remnant 3C400.2," Saken, J. M., Long, K. S., Blair, W. P., & Winkler, P. F. *ApJ*, 443, 231.
- 1995 "The Hubble Homes in a Black Hole," Blair, W. P. in *Physics News in 1995*, ed. P. F. Schewe & B. P. Stein (College Park, MD: AIP), 9.
- 1995 "N IV Emission Lines in the Ultraviolet Spectra of Gaseous Nebulae," Keenan, F. P., Ramsbottom, C. A., Bell, K. L., Berrington, K. A., Hibbert, A., Feibelman, W. A., & Blair, W. P. *ApJ*, 438, 500.
- 1994 "Ultraviolet Spectra of HZ Her/Her X-1 from the Hubble Space Telescope: Hot Gas During Total Eclipse of the Neutron Star," Anderson, S. F., Wachter, S., Margon, B., Downes, R. A., Blair, W. P., & Halpern, J. P. *ApJ*, 436, 319.
- 1994 "The Dust in the Hydrogen-Poor Ejecta of A30," Borkowski, K. J., Harrington, J. P., Blair, W. P., & Bregman, J. *ApJ*, 435, 722.
- 1994 "Observations of the Bright Novalike Variable IX Velorum with the Hopkins Ultraviolet Telescope," Long, K. S., Wade, R. A., Blair W. P., Davidsen, A. F., & Hubeny, I. *ApJ*, 426, 704.
- 1994 "3C400.2 - A SNR with a Centrally Condensed X-ray Morphology," Saken, J. M., Long, K. S., Blair, W. P., Winkler, P. F., & DeChristopher, B. M. in Proc. Rosat Science Symposium held at U. of MD, Nov. 8-10, 1994, ed. E. M. Schlegel & R. Petre (New York: AIP), 315.
- 1994 "A Deep X-ray Image of M33," Long, K. S., Gordon, S. M., Blair, W. P., & Charles, P. A. in Proc. Rosat Science Symposium held at U. of MD, Nov. 8-10, 1994, ed. E. M. Schlegel & R. Petre (New York: AIP), 339.
- 1994 "A Study of X-ray and Infrared Emissions from Dusty Nonradiative Shock Waves," Vancura, O., Raymond, J. C., Dwek, E., Blair, W. P., Long, K. S., & Foster, S. *ApJ*, 431, 188.
- 1994 "The Optical Counterpart Remnant to the Luminous X-ray Supernova Remnant in NGC 6946," Blair, W. P. & Fesen, R. A. *ApJ*, 424, L103.
- 1994 "IUE Spectra and Optical Imaging of the Oxygen-rich Supernova Remnant N132D in the Large Magellanic Cloud," Blair, W. P., Raymond, J. C., & Long, K. S. *ApJ*, 423, 334.
- 1994 "Evidence Tightens for the Kuiper Belt," Blair, W. P. in *Physics News in 1994*, ed. P. F. Schewe (New York: AIP), 8.
- 1994 "The Balmer-Dominated NE Limb of the Cygnus Loop Supernova Remnant," Hester, J. J., Raymond, J. C., & Blair, W. P. *ApJ*, 420, 721.
- 1993 "A Far-Ultraviolet Study of the Cygnus Loop Using the Voyager Ultraviolet Spectrometers," Vancura, O., Blair, W. P., Long, K. S., Raymond, J. C., & Holberg, J. B. *ApJ*, 417, 663.
- 1993 "Resolved Structure in M33 Supernova Remnants," Blair, W. P., & Davidsen, A. F. *PASP*, 105, 494.
- 1993 "The Spectrum of EZ Canis Majoris (HD 50896) to the Lyman Limit with the Hopkins Ultraviolet Telescope," McCandliss, S. R., Buss, R. H., Blair, W. P., Bowers, C. W., Davidsen, A. F., Feldman, P. D., & Kruk, J. W. *ApJ*, 416, 372.

- 1993 "HUT Observations of FUV Scattering in NGC 7023: The Dust Albedo," Murthy, J., Dring, A., Henry, R. C., Kruk, J. W., Blair, W. P., Kimble, R. A., & Durrance, S. T. *ApJ*, 408, L97.
- 1993 "Observations of the White Dwarf in the U Geminorum System with the Hopkins Ultraviolet Telescope," Long, K. S., Blair, W. P., Bowers, C. W., Davidsen, A. F., & Kriss, G. A. *ApJ*, 405, 327.
- 1993 "Extreme Ultraviolet Observations of G191-B2B and the Local Interstellar Medium with the Hopkins Ultraviolet Telescope," Kimble, R. A., Davidsen, A. F., Blair, W. P., Bowers, C. W., Dixon, W. V., Durrance, S. T., Feldman, P. D., Ferguson, H. C., Henry, R. C., Kriss, G. A., Kruk, J. W., Long, K. S., Moos, H. W., & Vancura, O. *ApJ*, 404, 663.
- 1993 "HUT Observations of Starbursts and Shocks in the Nucleus of NGC 1068," Davidsen, A. F., Kriss, G. A., Ferguson, H. C., Blair, W. P., & Long, K. S. in *Proc. 8th IAP Meeting, First Light in the Universe: Stars or QSOs?* ed. B. Rocca-Volmerange, M. Dennefeld, B. Guierdoni, & J. Tran Thanh Van, (Paris: Editions Frontières), 27.
- 1993 "FUV Plasma Diagnostics Available to the Hopkins Ultraviolet Telescope," Blair, W. P., Long, K. S., Bowers, C. W., Kriss, G. A., & Davidsen, A. F. in *Proc. Tenth International Colloq. on UV and X-ray Spectroscopy of Astrophysical and Laboratory Plasmas*, ed. E. H. Silver & S. M. Kahn (Cambridge: Cambridge Univ. Press), 224.
- 1993 "Optical Emission-Line Properties of M33 Supernova Remnants," Smith, R. C., Kirshner, R. P., Blair, W. P., Long, K. S., & Winkler, P. F. *ApJ*, 407, 564.
- 1992 "Will the Real Hubble Constant Please Stand Up?," Blair, W. P. in *Physics News in 1992*, ed. P. F. Schewe (New York: AIP), 9.
- 1992 "A Rapid Decline in the Optical Emission from SN1957D in M83," Long, K. S., Winkler, P. F., & Blair, W. P. *ApJ*, 395, 632.
- 1992 "Far-Ultraviolet Observations of the Supernova Remnant N49 Using the Hopkins Ultraviolet Telescope," Vancura, O., Blair, W. P., Long, K. S., Bowers, C. W., Davidsen, A. F., Dixon, W. V., Durrance, S. T., Feldman, P. D., Ferguson, H. C., Henry, R. C., Kimble, R. A., Kriss, G. A., Kruk, J. W., & Moos, H. W. *ApJ*, 401, 220.
- 1992 "Spectroscopy of a Balmer-dominated Filament in the Cygnus Loop with the Hopkins Ultraviolet Telescope," Long, K. S., Blair, W. P., Vancura, O., & Raymond, J. C. *ApJ*, 400, 214.
- 1992 "Far-UV Observations of the Crab Nebula Using the Hopkins Ultraviolet Telescope," Blair, W. P., Long, K. S., Vancura, O., Bowers, C. W., Conger, S., Davidsen, A. F., Kriss, G. A., & Henry, R. B. C. *ApJ*, 399, 611.
- 1992 "Evidence for Shock-Heated Gas in the Hopkins Ultraviolet Telescope Spectrum of NGC 1068," Kriss, G. A., Davidsen, A. F., Blair, W. P., Ferguson, H. C., & Long, K. S. *ApJ*, 394, L37.
- 1992 "The Spectrum of the Tropical Oxygen Nightglow Observed at 3 Å Resolution with the Hopkins Ultraviolet Telescope," Feldman, P. D., Davidsen, A. F., Blair, W. P., Bowers, C. W., Durrance, S. T., Kriss, G. A., Ferguson, H. C., Kimble, R. A., & Long, K. S. *Geophys. Res. Letters*, 19, 453.
- 1992 "Evidence for Shock-Heated Gas in the Hopkins Ultraviolet Telescope Spectrum of NGC 1068," Kriss, G. A., Davidsen, A. F., Blair, W. P. in *Testing the AGN Paradigm*, ed. S. S. Holt, S. G. Neff, & C. M. Urry (AIP Proc. Series 154), (New York: AIP), 625.
- 1992 "Hopkins Ultraviolet Telescope Observations of the Far-Ultraviolet Spectrum of

- NGC 4151," Kriss, G. A., Davidsen, A. F., Blair, W. P., Bowers, C. W., Dixon, W. V., Durrance, S. T., Feldman, P. D., Ferguson, H. C., Henry, R. C., Kimble, R. A., Kruk, J. W., Long, K. S., Moos, H. W., & Vancura, O. *ApJ*, 392, 485.
- 1992 "The Hopkins Ultraviolet Telescope: Performance and Calibration During the Astro-1 Mission," Davidsen, A. F., Long, K. S., Durrance, S. T., Blair, W. P., Bowers, C. W., Conard, S. J., Feldman, P. D., Ferguson, H. C., Fountain, G. H., Kimble, R. A., Kriss, G. A., Moos, H. W., & Potocki, K. A. *ApJ*, 392, 264.
- 1992 "A Multiwavelength Study of the Supernova Remnant N49 in the Large Magellanic Cloud," Vancura, O., Blair, W. P., Long, K. S., & Raymond, J. C. *ApJ*, 394, 158.
- 1992 "Invisible Astronomy," Blair, W. P. chapter in Grolier's *The New Book of Popular Science*, Vol. 1, Astronomy and Space Science (Danbury, CT: Grolier Encyclopedia), 53.
- 1992 "Rapid Oscillations in Cataclysmic Variables. VIII. YY Draconis (= 3A 11487+719)," Patterson, J. A., Schwartz, D. A., Pye, J. P., Blair, W. P., Williams, G. A., & Caillault, J.-P. *ApJ*, 392, 233.
- 1991 "Faint Object Spectrograph Observations of the Low Luminosity Seyfert Galaxy NGC 1566," Kriss, G. A., Hartig, G. F., Armus, L., Blair, W. P., & Dressel, L. *ApJ*, 377, L13.
- 1991 "Six Balmer-Dominated Supernova Remnants," Smith, R. C., Kirshner, R. P., Blair, W. P., & Winkler, P. F. *ApJ*, 375, 652.
- 1991 "Far Ultraviolet Mapping of the Cygnus Loop with the Voyager 2 Ultraviolet Spectrometer," Blair, W. P., Long, K. S., Vancura, O., & Holberg, J. B. *ApJ*, 374, 202.
- 1991 "W28 and 3C400.2: Two Shell-like Radio Supernova Remnants with Centrally Peaked X-ray Morphologies," Long, K. S., Blair, W. P., White, R. L., & Matsui, Y. *ApJ*, 373, 567.
- 1991 "Determination of Ionic Abundances in the Io Torus Using the Hopkins Ultraviolet Telescope," Moos, H. W., Feldman, P. D., Durrance, S. T., Blair, W. P., Bowers, C. W., Davidsen, A. F., Dixon, W. V., Ferguson, H. C., Henry, R. C., Kimble, R. A., Kriss, G. A., Kruk, J. W., Long, K. S., & Vancura, O. *ApJ*, 382, L105.
- 1991 "Constraints on the Origin of the Ultraviolet Upturn in Elliptical Galaxies from Hopkins Ultraviolet Telescope Observations of NGC 1399," Ferguson, H. C., Davidsen, A. F., Kriss, G. A., Blair, W. P., Bowers, C. W., Dixon, W. V., Durrance, S. T., Feldman, P. D., Henry, R. C., Kruk, J. W., Moos, H. W., Vancura, O., Long, K. S., & Kimble, R. A. *ApJ*, 382, L69.
- 1991 "Spectroscopy of Z Camelopardalis in Outburst with the Hopkins Ultraviolet Telescope," Long, K. S., Blair, W. P., Davidsen, A. F., Bowers, C. W., Dixon, W. V., Durrance, S. T., Feldman, P. D., Ferguson, H. C., Henry, R. C., Kimble, R. A., Kriss, G. A., Kruk, J. W., Moos, H. W., & Vancura, O. *ApJ*, 381, L25.
- 1991 "Observations of Comet Levy (1990c) with the Hopkins Ultraviolet Telescope," Feldman, P. D., Davidsen, A. F., Blair, W. P., Bowers, C. W., Dixon, W. V., Durrance, S. T., Ferguson, H. C., Henry, R. C., Kimble, R. A., Kriss, G. A., Kruk, J. W., Long, K. S., Moos, H. W., Vancura, O., & Gull, T. G. *ApJ*, 379, L37.
- 1991 "Observations of a Fast Radiative Shock Wave in the Cygnus Loop with the Hopkins Ultraviolet Telescope," Blair, W. P., Long, K. S., Vancura, O., Bowers, C. W., Davidsen, A. F., Dixon, W. V., Durrance, S. T., Feldman, P. D., Ferguson, H. C., Henry, R. C., Kimble, R. A., Kruk, J. W., Kriss, G. A., Moos, H. W., & Gull, T. R. *ApJ*, 379, L33.
- 1991 "Limits on the Lifetime and Mass of Neutrinos in the Decaying Dark Matter Hypothesis," Davidsen, A. F., Kriss, G. A., Ferguson, H. C., Blair, W. P., Bowers, C. W., Dixon, W. V.,

- Durrance, S. T., Feldman, P. D., Henry, R. C., Kimble, R. A., Kruk, J. W., Long, K. S., Moos, H. W., & Vancura, O. *Nature*, 351, 128.
- 1991 "A Detailed Optical Study of Kepler's Supernova Remnant," Blair, W. P., Long, K. S., & Vancura, O. V. *ApJ*, 366, 484.
- 1991 "Supernova Remnants and Candidates in M33," Smith, R. C., Kirshner, R. P., Winkler, P. F., Long, K. S., & Blair, W. P. in *Proc. Santa Cruz Workshop on Supernovae*, ed. S. E. Woosley, (New York: Springer-Verlag), 645.
- 1990 "The Identification of Balmer-Dominated Filaments in RCW 86," Long, K. S. & Blair, W. P. *ApJ*, 358, L13.
- 1990 "Astro: Observatory in a Shuttle," Blair, W. P. & Gull, T. R. *S&T*, 79, 591.
- 1990 "Optical Identification of Dust Within the Crab Nebula's Filaments," Fesen, R. A. & Blair, W. P. *ApJ*, 350, L45.
- 1990 "An Atlas of Confirmed and Candidate Supernova Remnants in M33," Long, K. S., Blair, W. P., Kirshner, R. P., & Winkler, P. F. *ApJS*, 72, 61.
- 1989 "The Penultimate Supernova in the LMC: SNR 0540-69.3," Kirshner, R. P., Morse, J. A., Winkler, P. F., & Blair, W. P. *ApJ*, 342, 260.
- 1989 "Discovery of Optical Emission from the Remnant of SN1957D in M83," Long, K. S., Blair, W. P., & Krzeminski, W. *ApJ*, 340, L25.
- 1989 "Supernovae and Their Remnants," Blair, W. P. & Panagia, N. chapter in *Exploring the Universe with the IUE Satellite*, ed. Y. Kondo (Dordrecht: Reidel), 549.
- 1989 "The Ultraviolet Spectrum of an Oxygen-Rich Supernova Remnant in the Small Magellanic Cloud," Blair, W. P., Raymond, J. C., Danziger, J., & Matteucci, F. *ApJ*, 338, 812.
- 1989 "High-Velocity, Nonradiative Shock Emission in Kepler's Supernova Remnant," Fesen, R. A., Becker, R. H., Blair, W. P., & Long, K. S. *ApJ*, 338, L13.
- 1988 "The Electron Temperature and Optical Emission Line Structure of the Core of CTB 80," Blair, W. P., Fesen, R. A., & Becker, R. H. *AJ*, 96, 1011.
- 1988 "IUE Observations of Oxygen-rich Supernova Remnants," Blair, W. P., Raymond, J. C., Danziger, J., & Matteucci, F. in *A Decade of UV Astronomy with the IUE Satellite*, ed. Y. Kondo, W. Wamsteker, & R. Wilson (ESA SP-281) 117.
- 1988 "An Improved Proper Motion Measurement of SN1006," Long, K. S., Blair, W. P., & van den Bergh, S. *ApJ*, 333, 749.
- 1988 "New Optical Data on the Supernova Remnant 3C 400.2," Blair, W. P. & Long, K. S. *PASP*, 100, 461.
- 1988 "New Supernova Remnants in M33," Long, K. S., Blair, W. P., Kirshner, R. P., & Winkler, P. F., Jr. in *IAU Colloq. 101, The Interaction of Supernova Remnants with the Interstellar Medium*, ed. R. S. Roger & T. L. Landecker, (Cambridge: Cambridge Univ. Press), 197.
- 1988 "The Oxygen-rich Supernova Remnant in the Small Magellanic Cloud," Blair, W. P., Raymond, J. C., Danziger, J., & Matteucci, F. in *IAU Colloq. 101, The Interaction of Supernova Remnants with the Interstellar Medium*, ed. R. S. Roger & T. L. Landecker, (Cambridge: Cambridge Univ. Press), 187.
- 1988 "Long Slit Echelle Spectroscopy of Supernova Remnants in M33," Blair, W. P., Chu, Y.-H., & Kennicutt, R. C. in *IAU Colloq. 101, The Interaction of Supernova Remnants with the Interstellar Medium*, ed. R. S. Roger & T. L. Landecker, (Cambridge: Cambridge Univ. Press), 193.

- 1988 "Spatial and Spectral Interpretation of a Bright Filament in the Cygnus Loop," Raymond, J. C., Hester, J. J., Cox, D. P., Blair, W. P., Fesen, R. A., & Gull, T. R. *ApJ*, 324, 869.
- 1987 "Supernovae and Their Remnants," Blair, W. P. & Panagia, N. chapter in *Exploring the Universe with the IUE Satellite*, ed. Y. Kondo (Dordrecht: Reidel), 549.
- 1987 "Discovery of Fast Moving Nitrogen-Rich Ejecta in the Supernova Remnant Cassiopeia A," Fesen, R. A., Becker, R. H., & Blair, W. P. *ApJ*, 313, 378.
- 1986 "A Comparison of High Resolution Radio and Optical Data for the Northeast Section of the Cygnus Loop," Straka, W. C., Dickel, J. R., Blair, W. P., & Fesen, R. A. *ApJ*, 306, 266.
- 1985 "CTB 80: Probable Changes in the Central Nebulosity, 1953-1981," Strom, R. G., & Blair, W. P. *A&A*, 149, 259.
- 1985 "A Powerful Young Supernova Remnant in Another Galaxy," Blair, W. P., Kirshner, R. P., & Winkler, P. F. *Mercury*, 14, 80.
- 1985 "Optical Emission from the Plerionic Core of CTB 80," Blair, W. P. in *The Crab Nebula and Related Supernova Remnants*, ed. M. C. Kafatos & R. B. C. Henry (Cambridge: Cambridge Univ. Press), 247.
- 1985 "Optical Emission-line Properties of Evolved Galactic Supernova Remnants," Fesen, R. A., Blair, W. P., & Kirshner, R. P. *ApJ*, 292, 29.
- 1985 "Improved Optical Spectra of Supernova Remnants in M33," Blair, W. P., & Kirshner, R. P. *ApJ*, 289, 582.
- 1985 "Possible Optical Counterparts to the Point X-ray Source in the Supernova Remnant CTB 80," Blair, W. P. & Schild, R. E. *Astrophysical Letters*, 24, 189.
- 1984 "Supernova Remnants and the Carbon Abundance in M33," Blair, W. P. & Raymond, J. C. in *The Future of Ultraviolet Astronomy Based on Six Years of IUE Research*, ed. J. M. Mead, R. D. Chapman, & Y. Kondo, NASA-CP 2349, 103.
- 1984 "An Optical Investigation of the Peculiar Supernova Remnant CTB 80," Blair, W. P., Kirshner, R. P., Fesen, R. A., & Gull, T. R. *ApJ*, 282, 161.
- 1984 "Ultraviolet Observations of the Peculiar Supernova Remnant in NGC 4449," Blair, W. P., Raymond, J. C., Fesen, R. A., & Gull, T. R. *ApJ*, 279, 708.
- 1984 "IUE Observations of Centaurus X-4 During the 1979 May Outburst," Blair, W. P., Raymond, J. C., Dupree, A. K., Wu, C.-C., Holm, A. V., & Swank, J. H. *ApJ*, 278, 270.
- 1983 "Observations of the RS CVn Star HD 26337 with the International Ultraviolet Explorer Satellite," Baliunas, S. L., Blair, W. P., & Guinan, E. F. *Inf. Bulletin of Variable Stars*, No. 2323.
- 1983 "The Structure and Emission Spectrum of a Non-radiative Shock Wave in the Cygnus Loop," Raymond, J. C., Blair, W. P., Fesen, R. A., & Gull, T. R. *ApJ*, 275, 636.
- 1983 "Spectrophotometric Observations of Symbiotic Stars and Related Objects," Blair, W. P., Stencel, R. E., Feibelman, W. A., & Michalitsianos, A. G. *ApJS*, 53, 573.
- 1983 "The Extraordinary Extragalactic Supernova Remnant in NGC 4449: II. X-ray and Optical Investigations," Blair, W. P., Kirshner, R. P., & Winkler, P. F. *ApJ*, 272, 84.
- 1983 "X-ray, Optical and UV Observations of the Young Supernova Remnant in the Irregular Galaxy NGC 4449," Blair, W. P., Kirshner, R. P., Winkler, P. F., Raymond, J. C., Fesen, R. A., & Gull, T. R. in *IAU Symposium 101, Supernova Remnants and Their X-ray Emission*, ed. P. Gorenstein & I. J. Danziger (Dordrecht: Reidel), 579.
- 1982 "Observations of the May 1979 Outburst of Centaurus X-4," Blair, W. P., Raymond, J. C.,

- & Dupree, A. K. in *Advances in Ultraviolet Astronomy: Four Years of IUE Research*, ed. Y. Kondo, J. M. Mead & R. D. Chapman, NASA CP-2238, 558.
- 1982 "Optical Spectrophotometry of the Cygnus Loop," Fesen, R. A., Blair, W. P., & Kirshner, R. P. in *Supernovae*, ed. M. J. Rees & R. J. Stoneham (Dordrecht: Reidel), 495.
- 1982 "Supernova Remnants in M31," Blair, W. P. in *Supernovae*, ed. M. J. Rees & R. J. Stoneham (Dordrecht: Reidel), 475.
- 1982 "Spectrophotometry of the Cygnus Loop," Fesen, R. A., Blair, W. P., & Kirshner, R. P. *ApJ*, 262, 171.
- 1982 "Abundance Gradients in M31: Comparison of Results from Supernova Remnants and H II Regions," Blair, W. P., Kirshner, R. P., & Chevalier, R. A. *ApJ*, 254, 50.
- 1981 "The Optical Spectrum of the Unusual Supernova Remnant G109.1-1.0," Blair, W. P. & Kirshner, R. P. *Nature*, 291, 132.
- 1981 "Supernova Remnants in M31," Blair, W. P., Kirshner, R. P., & Chevalier, R. A. *ApJ*, 247, 879.
- 1981 "The Optical Emission from the Supernova Remnant CTA 1," Fesen, R. A., Blair, W. P., Kirshner, R. P., Gull, T. R., & Parker, R. A. R. *ApJ*, 247, 148.
- 1981 "Sharpless 216: A Curious Emission-line Nebula," Fesen, R. A., Blair, W. P., & Gull, T. R. *ApJ*, 245, 131.
- 1981 "HM Sagittae: Symbiotic Cousin of the RS CVn Stars?," Blair, W. P., Stencel, R. E., Shaviv, G., & Feibelman, W. A. *A&A*, 99, 73.
- 1980 "The Discovery of Optical Emission from the SNR G 126.2 + 1.6," Blair, W. P., Kirshner, R. P., Gull, T. R., Sawyer, D. L., & Parker, R. A. R. *ApJ*, 242, 592.
- 1980 "The Extraordinary Extragalactic Supernova Remnant in NGC 4449," Kirshner, R. P., & Blair, W. P. *ApJ*, 236, 135.
- 1979 "The Moving Emission Features in SS 433 Require a Dynamical Interpretation," Liebert, J., Angel, J. R. P., Hege, E. K., Martin, P. G., & Blair, W. P. *Nature*, 279, 384.
- 1978 "Astronomical Spectroscopy," Stencel, R., Blair, W., & Conat-Stencel, S. *Astronomy*, June 1978.