

Curriculum Vitae

David J. Helfand

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Education

1977 University of Massachusetts, Ph.D., Astronomy
1977 University of Massachusetts, M.S., Physics
1973 Amherst College, B.A. (MAGNA CUM LAUDE)

Professional History

Quest University Canada

2018 – present President Emeritus
2015 – 2015 President, Quest University Foundation
2009 – 2015 Board of Directors, Quest University Canada Foundation
2008 – 2015 Board of Governors, Quest University Canada
2008 – 2015 President & Vice Chancellor
2005 – present Founding Tutor

Columbia University in the City of New York

2017 – 2018, Chair, Department of Astronomy
2002 – 2011,
1994 – 1997,
1986 – 1992
2003 – 2009, Co-Director, Columbia Astrophysics Laboratory
1994 – 1996,
1986 – 1992
1998 – 1999 Sackler Distinguished Visiting Astronomer, Cambridge University
1992 – 1993 Visiting Scientist, Cambridge University
1992 – present Professor of Astronomy
1987 – 1992 Professor of Physics
1983 Visiting Scientist, Danish Space Research Institute
1982 – 1987 Associate Professor of Physics
1978 – 1982 Assistant Professor of Astronomy
1977 – 1978 Research Associate, Department of Physics

University of Massachusetts, Amherst, Massachusetts

1973 – 1977 Research Assistant, Department of Physics and Astronomy
1971 – 1973 Research Assistant, Five College Radio Astronomy Observatory

Columbia University Committees & Appointments

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Department of Astronomy

2020 – 2021 Graduate Admissions Committee
2016 – 2019 Communications Officer
2015 – 2017 PostDoc Liaison
2001 – 2002 Director of Graduate Studies, GSAS
2001 – 2002 Faculty Search Committee
1999 – 2002 Director of Undergraduate Studies, Columbia College
2017 – 2018 Chair, Department of Astronomy
2002 – 2011
1994 – 1997
1986 – 1992
1995 – 2000 Colloquium Committee; Chair (1999 – 2000)
1994 – 2002 Graduate Admissions Committee; Chair (1999 – 2002)
1984 – 1985 Ad Hoc Committee on Future of Astronomy at Columbia, Chair

Department of Physics

2001 – 2002 Faculty Search Committee
1990 – 1992 Curriculum Committee
1988 – 1992 Executive Committee
1987 – 1992 Contracts and Grants Committee
1985 – 1992 Committee on Teaching, Chair
1986 – 1989 Departmental Service Committee
1986 – 1989 Building Committee
1983 – 1989 Computer Committee
1983 – 1992 Undergraduate Committee
1983 – 1992 Major Advisor

Columbia Astrophysics Laboratory

1994 – 1998 Computing Committee, Chair
2003 – 2009 Co-Director
1994 – 1996
1986 – 1992

Faculty of Arts & Sciences

2017 – 2018 Uris Space Committee
2016 – 2017 EPPC-PPC Joint Committee on Teaching Excellence and Tenure
2015 – 2018 Educational Planning and Policy Committee
2015 – 2017 Subcommittee on Innovative Practices in Teaching and Learning, Chair
2006 – 2008 University Development and Alumni Relations Committee
2005 – 2007 Task Force for Diversity in the Sciences and Engineering
2004 – 2007 Chairs Steering Committee
2004 – 2007 Fellow, Heymen Center for the Humanities

2002 – 2003 Vice Presidential Search Committee
 2001 – 2003 Advisory Committee, Dept. of Ecology, Evolution, & Environmental Biology
 1999 – 2002 Executive Committee of the Faculty of Arts & Sciences, Chair (2000 – 2001)
 2004 – 2007 Faculty Budget Group
 1999 – 2002
 1999 – 2001 Planning and Budgeting Committee
 1997 – 2003 UDAR Review Committee
 1996 – 1998 Society of Fellows, Board member & Program Planning Committee
 1996 – 1997 Earth Institute Undergraduate Education Committee
 1995 – 1999 Academic Review Committee
 1988 – 1992 Faculty Planning Committee
 1987 – 1992 Science Chairs Committee
 1986 – 1992 Steering Committee, A&S Chairs Group

Columbia College

2016 – present Frontiers of Science, Chair
 2016 – present Committee on the Core Curriculum
 2016 – present Committee on Science Instruction
 2015 – present Phi Beta Kappa selection committee
 2005 – 2010
 2003 – 2007 Committee on Honors
 2000 – 2002
 2001 – 2011 co-Chair, Frontiers of Science, Core Curriculum
 1994 – 1998 Oxbridge Exchange Program, Selection Committee
 1994 – 1998 Kellett Fellowship to the University of Cambridge, Selection Committee
 1995 – 1996 First-year/Sophomore Advisor
 1994 – 2002 Rabi Scholars Committee; co-Chair (1999 – 2002)
 1990 – 1991 Faculty Associate, Shapiro Hall
 1989 – 1992 Committee on Science Instruction, Chair
 1986 – 1991 Freshman Advisor
 1986 – 1987 Bicentennial Committee
 1984 – 1987 Committee on Undergraduate Residence Life
 1984 – 1987 Board of Directors, Double Discovery Center
 1984 – 1987 Professor-in-Residence
 1982 – 1986 Committee on Instruction
 1982 – 1983 Ad Hoc Committee on Science in a Liberal Curriculum, Chair

Columbia University

2022 – present Provost's Advisory Committee on the Libraries
 2019 – present Provost's Committee on the Scholarship of Learning
 2016 – present Provost's Advisory Committee on Innovative Teaching and Learning
 2016 – 2020 Publications Committee, Columbia University Press
 2016 – 2018 Advisory Committee on Undergraduate Writing
 2008 – 2010 Faculty Advisory Committee on the Arts Initiative

2004 – 2010 Environmental Management System Steering Committee
 2001 – 2003 Biosphere 2 Faculty Council, Co-Chair
 1989 – 1997 University Panel on Sexual Harassment
 1988 – 1989 Search Committee for Chair of Radiology, College of Physicians & Surgeons
 1987 – 1990 Council on Undergraduate Life
 1987 – 1992 Provost's Task Force for a Columbia Telescope, Chair

Professional Committee & Appointments

American Astronomical Society

2020 – present National Osterbrock Leadership Program Steering Committee
 2018 – present Coordinator, National Astronomy Chairs & Program Directors
 2018 – 2019 Task Force on Diversity and Inclusion in Graduate Education
 2016 – 2017 Task Force on Education
 2016 – 2018 Investment Advisory Committee
 2016 – 2017 Task Force on Society Governance, Chair
 2014 – 2018 Budget Committee
 2014 – 2015 Past-President; Executive Committee
 2012 – 2014 President
 2012 – 2014 US National Committee for the International Astronomical Union, member
 2011 – 2012 President-elect
 2005 – 2008 Russell Lectureship Committee; Chair, 2007
 2004 – 2005 Chair, AAS Second Century Lecturer Committee
 2000 – 2003 AAS Committee on the Status of Women in Astronomy
 1999 – 2005 AAS Second Century Lecturer Committee
 1999 – 2001 AAS Second Century Fund Committee
 1999 – 2000 Education Office Review Committee, Chair
 1998 – 2001 Investment Advisory Committee
 1996 – 1999 Councilor
 1988 – 1989, Committee on Astronomy & Public Policy
 2011 – 2015
 1987 – 1991 AAS Representative, U.S. National Committee for the IAU
 1987 – 1990 Associate Editor, Astrophysical Journal (Letters)
 1982 – 2002 Harlow Shapley Visiting Lecturer
 1982, 1987, 1995 Small Grants Review Committee

High Energy Astrophysics Division

1987 – 1988 Chair
 1986 – 1987 Vice Chair

Associate Universities Incorporated

2021 – present Board Member
 2021 – present Governance Committee

2018 – present Chair, Board of Directors
2018 – present Chair, Board of Managers, AIP Publishing
2018 – present Investment Advisory Committee

2018 – present Compensation Committee
2018 – present Audit Committee
2018 – present Membership Committee
2017 – present Board of Directors
2017 – present Finance Committee
2017 – present Nominations & Governance Committee

Science Counts

2015 – present Treasurer & Executive Committee
2014 – present Board member

Large Synoptic Survey Telescope, Inc.

2017 - present Finance Committee

New York Astronomical Society

1999 – 2009 Institutional Representative
1986 – 1990 President
1981 – 1986 Vice President
1984 – 1992 Travel Awards Committee

New York Astronomical Corporation

1999 – 2005 Board member
1986 – 1990 Chairman of the Board
1981 – 1986 Vice President
1978 – 1981 Institutional Representative

Scientific Organizing Committees

Chair, IAU Symposium No. 125

Member, IAU Colloquium No. 101

19th Texas Symposium on Relativistic Astrophysics

COSPAR/IAU Symposium on the Physics of Compact Objects

Santa Cruz Summer Workshop 1989

IAU Symposium No. 148 on the Magellanic Clouds, Australia 1990

Los Alamos Workshop on Isolated Pulsars, 1992

International Symposium on X-Ray Astronomy, Tokyo, Japan

34th COSPAR Meeting, Symposium on High Energy Studies of Supernova Remnants and

Neutron Stars, Houston, 2002

NRAO Legacy Projects Workshop, Socorro, NM, 2

Advisory Committees

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- 2020 – 2022 Amherst College 50th Reunion Committee
- 2020 Review Committee, Yale-National University of Singapore Core Curriculum
- 2019 NASA Hubble Fellowship Program, Chair
- 2018 – present External Examiner, Hong Kong University Common Core Curriculum
- 2016 – present Advisor, Black Mountain College, Wales, UK
- 2016 – 2020 Advisory Committee, Dunlap Institute for Astronomy & Astrophysics
- 2016 – 2018 NASA Keck Time Allocation Committee, Chair
- 2016 NASA Chandra Observatory Time Allocation Committee, Panel Chair
- 2014 – 2019 Advisor, New Model in Technology and Engineering University, UK
- 2011 Visiting Committee, Five College Astronomy Department
- 2007 – 2009 Chair, Scientific Advisory Group for EVLA (SAGE), NRAO
- 2005 – 2007 Quest University Canada, Curriculum Development Committee
- 2003 – 2010 Center for Inquiry–Metro New York Advisory Board
- 2003 Chair, Hubble Fellows Selection Committee
- 2002 – 2004 Phi Beta Kappa Annual Book Award Selection Committee
- 1999 – 2002 Harvard-Smithsonian Center for Astrophysics Visiting Committee
- 1997 – 2001 Editorial Committee, Annual Reviews of Astronomy & Astrophysics
- 1996 – 1997 Structure & Evolution of the Universe Subcommittee of the Committee on Space Astronomy & Astrophysics
- 1996 National Academy of Sciences Task Group on Space Astronomy and Astrophysics
- 1996 NASA Senior Review
- 1996 Space Telescope Advisory Committee
- 1995 – 1997 Hayden Planetarium Exhibit Design Committee
- 1992 – 1993, 1997 American Museum of Natural History, Hayden Planetarium Visiting Committee

- 1992 – 1993 UK Science & Engineering Research Council, XMM Review Panel
- 1991 – 1993 NASA Science Operations Management Operations Working Group
- 1991 – 1992 NASA Astrophysics Data System Advisory Committee
- 1991 – 1994 NASA ASCA Users Group
- 1991 – 1992 NASA High Energy Astrophysics Science Archive Research Center Users Group
- 1991 – 1994 American Institute of Physics Public Information Committee
- 1989 – 1990 National Academy of Sciences Astronomy Survey Committee Panel Member for:
 - High Energy from Space
 - Policy
 - Computing
- 1988 – 1994 International Science Advisory Group, Japanese ASCA Mission
- 1987 – 1988 NASA Supernova Working Group, Executive Committee
- 1986 – 1989 National Academy of Sciences Space Science Board, Committee on Space Astronomy and Astrophysics

- 1982 – 1985 National Radio Astronomy Observatory, User’s Committee
- 1982 – 1985 National Astronomy & Ionosphere Center Advisory Committee

Awards

2007 deBary Award for Service to the Core Curriculum
2002 Great Teacher Award, Society of Columbia Graduates
2002 Raymond and Beverly Sackler Lecturer, University of California, Berkeley
2001 Columbia University Presidential Teaching Award
1998 – 1999 Raymond and Beverly Sackler Distinguished Visiting Astronomer, University of Cambridge
1983 – 1987 Alfred P. Sloan Foundation Fellow
1983 Distinguished GS Teaching Award, Columbia University,
1970 Porter Prize in Astronomy, Amherst College

Professional and Honor Societies

1973 – present Sigma Xi
1976 – present American Astronomical Society
1978 – present Astronomical Society of New York
1979 – present New York Academy of Sciences
1982 – present International Astronomical Union
1985 – present Phi Beta Kappa
1996 – present Astronomical Society of the Pacific
2004 – present Fellow, Committee for Skeptical Inquiry
2016 – present PEN America
2020 – present Legacy Fellow, American Astronomical Society

David J. Helfand Publications

Refereed Journals

White, R.L., Long, K.S., Blair, W.P., Becker, R.H., Helfand, D.J., & Winkler, P.F., 2019, "A New Deep JVLA Survey of M33," *ApJS* 241, 37.

Helfand, D.J., White, R.L., and Becker, R.H. 2015 "The Last of FIRST: The Final Catalog and Source Identifications," *ApJ* 801, 26.

Harrison, F.A. et al. 2013, "The Nuclear Spectroscopic Telescope Array (NUSTAR) High Energy Mission," *ApJ* 770, 103.

Nithyanandan, T., Helfand, D.J., White, R.L., and Becker, R.H. 2011, "Variable and Transient Radio Sources in the FIRST Survey," *ApJ* 742, 49.

Tullmann, R. et al. 2011, "The Chandra ACIS Survey of M33 (ChASem33): The Final Source Catalog," *ApJS* 193, 31.

Becker, R.H., Helfand, D.J., White., R.L., & Proctor, D.D. 2010, "Variable Radio Sources in the Galactic Plane," *AJ* 140, 157.

Long, K.S. et al. 2010, "The Chandra ACIS Survey of M33: X-ray, Optical, and Radio Properties of the Supernova Remnants," *ApJS* 187, 495.

Eckart, M.E., McGreer, I.D., Stern, D., Harrison, F.A., & Helfand, D.J. 2010, "A Comparison of X-ray and Mid-Infrared Selection of Obscured Active Galactic Nuclei," *ApJ* 708, 584.

Rau, A. et al. 2009, Exploring the Optical Transient Sky with the Palomar Transient Factory," *PASP* 121, 1334.

McGreer, I.D., Helfand, D.J., & White, R.L. 2009, "Radio-Selected Quasars in the Sloan Digital Sky Survey," *AJ* 138, 1925.

Slane, P., Helfand, D.J., Reynolds, S.P., Gaensler, B.M., Lemièrè, A., & Wang, Z. 2008, "The Infrared Detection of the Pulsar Wind Nebula in the Galactic Supernova Remnant 3C58," *ApJ* 676, 33.

Plucinsky, P.P. et al. 2008, "The Chandra ACIS Survey of M33: A First Look," *ApJS* 174, 366.

Morton, T.D., Slane, P., Borkowski, K.J., Reynolds, S.P., Helfand, D.J., Gaensler, B.M., & Hughes, J.P. 2007, "Observations of X-rays and Thermal Dust Emission from the Supernova Remnant Kes 75," *ApJ* 667, 219.

- Camilo, F., Ransom, S.M., Penalver, J., Karastergiou, A., van Kerkwijk, M., Durant, M., Halpern, J.P., Reynolds, J., Thum, C., Helfand, D.J., Zimmerman, N., & Cognard, I. 2007, "The Variable Radio-to-X-ray Spectrum of the Magnetar XTE J1810-197", *ApJ* 669, 561.
- Glikman, E., Helfand, D.J., White, R.L., Becker, R.H., Gregg, M.D., and Lacy, M. 2007, "The FIRST-2MASS Red Quasar Survey", *ApJ* 667, 673.
- Helfand, D.J., Gotthelf, E.V., Halpern, J.P., Camilo, F., Semler, D.R., Becker, R.H., and White, R.L. 2007, "Discovery of an Energetic Young Pulsar Candidate and Wind Nebula Associated with the TeV Gamma-ray Source HESS J1813-178", *ApJ* 665, 1297.
- Camilo, F., Cognard, I., Ransom, S.M., Halpern, J.P., Reynolds, J., Zimmerman, N., Gotthelf, E.V., Helfand, D.J., Demorest, P., Theureau, G. & Backer, D.C. 2007, "The Magnetar XTE J1810-197: Variations in Torque, Radio Flux Density and Pulse Profile Morphology", *ApJ* 663, 497.
- Helfand, D.J., Chatterjee, S., Brisken, W., Camilo, F., Reynolds, J., van Kerkwijk, M.H., Halpern, J.P., & Ransom, S.M. 2007, "Measurement of the Velocity of the Radio Magnetar XTE AXP 1810-197", *ApJ* 662, 1198.
- deVries, W.H., Hodge, J.A., Becker, R.H., White, R.L., and Helfand, D.J. 2007, "Star Formation in Low Radio Luminosity AGN from the Sloan Digital Sky Survey", *AJ* 134, 457.
- Gotthelf, E.V., Helfand, D.J., and Newburgh, L. 2007, "A Shell of Thermal Emission Surrounding the Young Crab-like Remnant 3C58", *ApJ* 654, 267.
- White, R.L., Becker, R.H., Helfand, D.J., Glikman, E. and deVries, W. 2007 "Signals from the Noise: Image Stacking for Quasars in the FIRST Survey", *ApJ* 654, 99.
- McGreer, I.D., Becker, R.H., Helfand, D.J., and White, R.L. 2006, "Discovery of a $z = 6.1$ Radio-Loud Quasar in the NDWFS", *ApJ* 652, 157.
- Petric, A., Telis, G.A., Paerels, F. P. and Helfand, D.J. 2006, "A Direct Upper Limit on the Density of Cosmological Dust from the Absence of an X-ray Scattering Halo around the $z = 4.3$ QSO1508+5714," *ApJ* 651, 41.
- Reviglio, P., & Helfand, D.J. 2006, "On Radio-bright Active Galactic Nuclei in a Complete Spectroscopic Redshift Survey," *ApJ* 650, 717.
- Camilo, F., Ransom, S.M., Halpern, J.P., Reynolds, J., Helfand, D.J., Zimmerman, N., and Sarkissian, J. 2006, "Transient Pulsed Radio Emission from a Magnetar", *Nature* 442, 892.
- Eckart, M.E., Stern, D., Helfand, D.J., Harrison, F.A., Mao, P., and Yost, S.A. 2006, "The Serendipitous Extragalactic X-ray Source Identification (SEXSI) Program: III. Optical Spectroscopy," *ApJS* 165, 19.

Helfand, D.J., Becker, R.H., White, R.L., Fallon, A., and Tuttle, S. 2006, "MAGPIS: A Multi-Array Galactic Plane Imaging Survey," *AJ* 131, 2525.

Glickman, E., Helfand, D.J., and White, R.L. 2006, "A Quasar Infrared Composite Spectrum," *ApJ* 640, 579.

Halpern, J.P., Gotthelf, E.V., Becker, R.H., Helfand, D.J., and White, R.L. 2005, "Discovery of Radio Emission from Transient Anomalous X-ray Pulsar XTE J1810-197," *ApJ Letters*, 632, L29.

White, R.L., Becker, R.H., and Helfand, D.J. 2005, "New Catalogs of Radio Sources in the Galactic Plane," *AJ* 130, 586.

Giveon, U., Becker, R.H., Helfand, D.J., and White, R.L. 2005, "A New Radio Catalog of Compact HII Regions in the Milky Way II. The 1.4 GHz Data", *AJ* 130, 156.

Eckart, M.E., Laird, E.S., Stern, D., Mao, P.H., Helfand, D.J., & Harrison, F.A. 2005, "The Serendipitous Extragalactic X-ray Source Identification (SEXSI) Program: II. Optical Imaging," *ApJS* 156, 35.

Stern, D., Yost, S., Eckart, M., Harrison, F., Helfand, D.J., & Djorgovski, S.G. 2005, "A Galaxy at $z=6.545$: Constraints on the Epoch of Reionization," *ApJ* 619, 12.

Giveon, U., Becker, R.H., Helfand, D.J. & White, R.L. 2005, "A New Catalog of Compact HII Regions in the Milky Way," *AJ* 129, 348. Chang, T-C., Refregier, A. and Helfand, D.J. 2004, "Weak Lensing by Large- Scale Structure with the FIRST Radio Survey," *ApJ* 617, 794.

Slane, P., Helfand, D.J., van der Swaluw, E., & Murray, S.S. 2004, "New Constraints on the Structure and Evolution of the Pulsar Wind Nebula 3C58," *ApJ* 616, 403.

Halpern, J.P., Gotthelf, E.V., Camilo, F., Helfand, D.J., & Ransom, S.M. 2004, "X-ray, radio, and Optical Observations of the putative pulsar in the Supernova Remnant CTA 1," *ApJ* 612, 398.

Hands, A.D.P., Warwick, R.S., Watson, M.G., & Helfand, D.J. 2004, "X-ray Source Populations in the Galactic Plane," *MNRAS* 351, 31.

Glickman, E., Gregg, M.D., Lacy, M., Helfand, D.J., Becker, R.H., & White, R.L. 2004, "FIRST-2MASS Sources Below the APM Detection Threshold: A Population of Highly Reddened Quasars," *ApJ* 607, 60.

de Vries, W.H., Becker, R.H., White, R.L., & Helfand, D.J. 2004, "Optical Properties of Faint FIRST Variable Radio Sources," *AJ* 127, 2565. Harrison, F.A., Eckart, M.E., Mao, P.H., Helfand, D.J., & Stern, D. 2003, "The Serendipitous Extragalactic X-ray Source Identification (SEXSI) Program: I. Characteristics of the Hard X-ray Sample," *ApJ* 596, 944.

Helfand, D.J., Agueros, M. and Gotthelf, E.V. 2003, "An X-ray Image of the Composite SNR G16.7+0.1," *ApJ* 592, 941.

White, R.L., Helfand, D.J., Becker, R.H., Gregg, M.D., Postman, M., Lauer, T., & Oegerle, W. 2003, "An I-Band Selected Sample of Radio-Emitting Quasars," *AJ* 126, 706.

Blanton, E.L., Gregg, M.D., Helfand, D.J., and Becker, R.H. 2003, "Discovery of a High-Redshift ($z=0.96$) Cluster of Galaxies Using a FIRST Wide-Angle Tailed Radio Source," *AJ* 125, 1635.

Helfand, D.J., Collins, B.F., and Gotthelf, E.V. 2003, "Chandra X-ray Imaging Spectroscopy of SNR Kes 75," *ApJ*. 582, 783.

Slane, P.O., Helfand, D.J., and Murray, S.S. 2002, "New Constraints on Neutron Stars Cooling From Chandra observations of 3C58," *ApJ*. 571, L45.

Lacy, M., Gregg, M.D., Becker, R.H., White, R.L., Glikman, E., Helfand, D.J., Lilje, P.B., and Gates, E.L. 2002, "A Gravitationally-Lensed FeLoBAL Quasar," *AJ*, 123, 2925.

Stern, D.A., et al. 2002, "Chandra Detection of a Type II Quasar at $z = 3.288$," *ApJ*, 568, 71.

McMahon, R.G., Helfand, D.J., White, R.L., and Becker, R.H. 2002 "Optical Counterparts for 70,000 Radio Sources: APM Identifications for the FIRST Radio Survey," *ApJS*, 143, 1.

Gregg, M.D., Lacy, M., White, R.L., Glikman, E., Helfand, D.J., Becker, R.H., and Brotherton, M.S. 2002, "The Reddest Quasars," *ApJ*. 564, 133.

Becker, R.H. et al. 2001, "The FIRST Bright Quasar Survey III: The South Galactic Cap," *ApJS* 135, 227.

Helfand, D.J., Gotthelf, E.V., and Halpern, J.P. 2001, "The Vela Pulsar and its Synchrotron Nebula: Aftermath of a Glitch," *ApJ*. 556, 380.

Blanton, E.L., Gregg, M.D., Helfand, D.J., Becker, R.H., and Leighly, K.M. 2001, "The Environments of a Complete, Moderate Redshift Sample of FIRST Bent-Double Radio Sources," *AJ* 121, 2915.

Leighly, K.M., Halpern, J.P., Helfand, D.J., Becker, R.H., and Impey, C.D. 2001, "The First Observations of the Second Brightest Quasar," *AJ* 121, 2889.

Helfand, D.J. and Moran, E.C. 2000, "The Hard X-ray Luminosity of OB Star Populations: Implications for the Contribution of Star Formation to the Cosmic X-ray Background," *ApJ*. 554, 27.

Halpern, J.P., Camilo, F., Gotthelf, E.V., Helfand, D.J., Kramer, M., Lyne, A.G., Leighly, K.M., and Eracleous, M. 2001, "PSRJ2229+6114: Discovery of an Energetic pulsar in the Error Box of the EGRET Source 3EG J2227+6122," *ApJ Letters* 552, L125.

Helfand, D.J., Stone, R.P.S., Willman, B., White, R.L., Becker, R.H., Price, T., Gregg, M., and McMahon, R.G. 2000, "Long-Term Variability of Radio- Selected Quasars from the FIRST Survey," AJ 121, 1872.

Halpern, J.P., Gotthelf, E.V., Leighly, K.M., and Helfand, D.J. 2000, "A Possible X-ray and Radio Counterpart of the High-Energy Gamma-Ray Source 3EG J2227+6122," Ap.J. 547, 323.

White, R.L. et al. 2000 "The FIRST Bright Quasar Survey II: 60 Nights and 1200 Spectra Later," ApJS 126, 133.

Blanton, E.L., Gregg, M.D., Helfand, D.J., Becker, R.H. and White, R.L. 2000, "FIRST Bent-Double Radio Sources: Tracers of High Redshift Clusters," Ap.J. 531, 118.

Moran, E.C., Lehnert, M.D., and Helfand, D.J. 1999 "X-rays from NGC3256: High Energy Emission in Starburst Galaxies and Their Contribution to the Cosmic X-ray Background," Ap.J. 526, 649.

Blandford, R.D. and Helfand, D.J. 1999 "Will GRB 990123 Perform an Encore," MNRAS 305, L45.

Helfand, D.J., Schnee, S., Becker, R.H., White., R.L., and McMahon, R.G. 1999, "The FIRST Unbiased Survey for Radio Stars", A.J. 117, 1568.

Odewahn, S.C. et al. 1998, "The Host Galaxy of the Gamma-Ray Burst 971214," Ap.J.(Letters) 509, L50.

Halpern, J.P., Thorstensen, J.R., Helfand, D.J., and Costa, E. 1998, "Optical Afterglow of the Gamma-Ray Burst GRB971214", Nature 393, 41.

Buchalter, A., Helfand, D.J., Becker, R.H., and White, R.L. 1998, "Constraining θ with the Angular Size-Redshift Relation of Double-Lobed Quasars in the FIRST Survey," Ap.J., 494, 479.

Schechter, P., Gregg, M.D., Becker, R.H., Helfand, D.J., and White, R.L. 1998, "The First FIRST Gravitationally Lensed Quasar: FBQ 0951+2635," A.J., 115, 1371.

Lozinskaya, T.A., Silchenko, O.K., Helfand, D.J., and Goss, W.M. 1998, "Resolving the Source of X-rays in the Local Group Dwarf IC1613: X-ray, Radio, and Optical Observations of a Luminous Supernova Remnant," A.J., 116, 2328.

Moran, E.C., and Helfand, D.J. 1997, "The 3-53 keV Spectrum of the Quasar 1508+5714: X-rays from $Z = 4.3$," Ap.J. (Letters), 484, L95.

Becker, R.H., Gregg, MD., White, R.L., Hook, I.M., McMahon, R.G., and Helfand, D.J. 1997, "The First Radio-Loud Broad Absorption Line QSO and Evidence for a Hidden Population of Quasars," Ap.J. (Letters), 479, L73.

Oppenheimer, B.R., Helfand, D.J., and Gaidos, E.J. 1997, "A Survey of the Einstein IPC Database for Extended X-ray Sources," *A.J.*, 113, 2134.

Refregier, A., Helfand, D.J., and McMahon, R.G. 1997, "Detailed Analysis of the Cross-Correlation Between the X-ray Background and Foreground Galaxies," *Ap.J.*, 477, 58.

White, R.L., Becker, R.H., Helfand, D.J. and Gregg, M.D. 1997, "A Catalog of 1.4 GHz Radio Sources from the FIRST Survey," *Ap.J.*, 475, 479.

Gregg, M.D., Becker, R.H., White, R.L., Helfand, D.J., McMahon, R.G., and Hook, I.M. 1996, "The FIRST Bright Quasar Survey," *A.J.*, 112, 407.

Harrus, I.M., Hughes, J.P., and Helfand, D.J. 1996, "Discovery of an X-ray Synchrotron Nebula Associated with the Radio Pulsar PSR B1853+01 in the Supernova Remnant W44," *Ap.J. (Letters)*, 464, L61.

Cress, C.M., Helfand, D.J., Becker, R.H., Gregg, M.D., and White, R.L. 1996, "The Angular Two-Point Correlation Function for the FIRST Radio Survey," *Ap.J.*, 473, 7.

Blanton, E.L. and Helfand, D.J. 1996, "ASCA Observations of the Composite Supernova Remnant G29.7-0.3," *Ap.J.*, 470, 961.

Moran, E.C., Helfand, D.J., Becker, R.H., and White, R.L. 1996, "The Einstein Two-Sigma Catalog: Silver Needles in the X-ray Haystack," *Ap.J.*, 461, 127.

Moran, E.C., Halpern, J.P., and Helfand, D.J. 1996, "Classification of IRAS-Selected X-ray Galaxies in the ROSAT All-Sky Survey," *Ap.J.*, 461, 127.

Kistiakowsky, V. and Helfand, D.J., 1995, "The Identification of Galactic Plane Radio Sources at $|\mathit{b}| < 2$ Degrees," *A.J.*, 110, 2225.

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