

CURRICULUM VITAE

David Paul Bennett
University of Notre Dame
Physics Department
225 Nieuwland Science Hall
Notre Dame, IN 46556
(574) 631-8298 (office)
(574) 631-5952 (FAX)
(574) 277-1859 (home)
Internet: bennett@nd.edu

EDUCATION:

- Ph.D. in Physics, Stanford University, 1986
– Thesis entitled, “*The Physics and Cosmology of Topological Defects in Spontaneously Broken Gauge Theories*”
B.S. in Mathematical Physics, Case Western Reserve University, 1981
– with *Highest Honors*

ACADEMIC POSITIONS

- present: Research Associate Professor, Department of Physics, University of Notre Dame
1996-2000: Assistant Professor, Department of Physics, University of Notre Dame
1995-1996: Assistant Research Physicist, Department of Physics, University of California, Davis
1993-1995: Assistant Research Scientist, Center for Particle Astrophysics, University of California, Berkeley
1990-1993: Postdoctoral Research Associate, Institute of Geophysics and Planetary Physics, Lawrence Livermore National Laboratory
1988-1990: Postdoctoral Research Associate, Physics and Astrophysics Departments, Princeton University.
1986-1988: Joint Postdoctoral Research Associate, Fermilab Theoretical Astrophysics Group and the Astronomy and Astrophysics Center, the University of Chicago

AWARDS

- 1997 Physics and Space Technology Distinguished Achievement Award,
Lawrence Livermore National Laboratory
1996 Physics and Space Technology Distinguished Achievement Award,
Lawrence Livermore National Laboratory
1995 Physics and Space Technology Distinguished Achievement Award,
Lawrence Livermore National Laboratory
Albert W. Smith full-tuition Academic Scholarship to Case Western Reserve University,
awarded in 1977

PUBLICATIONS

David Bennett has authored or coauthored 127 publications in refereed journals, as well as an additional 36 papers in conference proceedings. These papers have generated at least 6977 citations, with an average of 51.5 citations per refereed journal paper.

- S. Dong, I.A. Bond, A. Gould, S. Kozlowski, N. Miyake, B.S. Gaudi, D.P. Bennett, F. Abe, A.C. Gilmore, A. Fukui, K. Furusawa, J.B. Hearnshaw, Y. Itow, K. Kamiya, P.M. Kilmartin, A. Korpela, W. Lin, C.H. Ling, K. Masuda, Y. Matsubara, Y. Muraki, M. Nagaya, K. Ohnishi, T. Okumura, Y.C. Perrott, N. Rattenbury, To. Saito, T. Sako, S. Sato, L. Skuljan, D.J. Sullivan, T. Sumi, W. Sweatman, P.J. Tristram, P.C.M. Yock, G. Bolt, G.W. Christie, D.L. DePoy, C. Han, J. Janczak, C.-U. Lee, F. Mallia, J. McCormick, B. Monard, A. Maury, T. Natusch, B.-G. Park, R.W. Pogge, R. Santallo, K.Z. Stanek, A. Udalski, M. Kubiak, M.K. Szymanski, G. Pietrzynski, I. Soszynski, O. Szewczyk, L. Wyrzykowski, K. Ulaczyk, “*Microlensing Event MOA-2007-BLG-400: Exhuming the Buried Signature of a Cool, Jovian-Mass Planet*,” *Astrophys. J.*, submitted (2008) (arXiv:0809.2997)
- S. Dong, A. Gould, A. Udalski, J. Anderson, G.W. Christie, B.S. Gaudi, M. Jaroszynski, M. Kubiak, M.K. Szymanski, G. Pietrzynski, I. Soszynski, O. Szewczyk, K. Ulaczyk, L. Wyrzykowski, D.L. DePoy, D.B. Fox, A. Gal-Yam, C. Han, S. Lepine, J. McCormick, E. Ofek, B.-G. Park, R.W. Pogge, F. Abe, D.P. Bennett, I.A. Bond, T.R. Britton, A.C. Gilmore, J.B. Hearnshaw, Y. Itow, K. Kamiya, P.M. Kilmartin, A. Korpela, K. Masuda, Y. Matsubara, M. Motomura, Y. Muraki, S. Nakamura, K. Ohnishi, C. Okada, N. Rattenbury, To. Saito, T. Sako, M. Sasaki, D. Sullivan, T. Sumi, P.J. Tristram, T. Yanagisawa, P.C.M. Yock, T. Yoshioika, M.D. Albrow, J.P. Beaulieu, S. Brilliant, H. Calitz, A. Cassan, K. H. Cook, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouque, J. Greenhill and K. Hill, “*OGLE-2005-BLG-071Lb, the Most Massive M-Dwarf Planetary Companion?*,” *Astrophys. J.*, submitted (2008) (arXiv:0804.1354)
- D.P. Bennett, I.A. Bond, A. Udalski, T. Sumi, F. Abe, A. Fukui, K. Furusawa, J.B. Hearnshaw, S. Holderness, Y. Itow, K. Kamiya, A.V. Korpela, P.M. Kilmartin, W. Lin, C.H. Ling, K. Masuda, Y. Matsubara, N. Miyake, Y. Muraki, M. Nagaya, T. Okumura, K. Ohnishi, Y.C. Perrott, N.J. Rattenbury, T. Sako, To. Saito, S. Sato, L. Skuljan, D.J. Sullivan, W.L. Sweatman, P.J. Tristram, P.C.M. Yock, M. Kubiak, M.K. Szymanski, G. Pietrzynski, I. Soszynski, O. Szewczyk, L. Wyrzykowski, K. Ulaczyk, V. Batista, J.P. Beaulieu, S. Brilliant, A. Cassan, P. Fouque, P. Kervella, D. Kubas and J.B. Marquette, “*A Low-Mass Planet with a Possible Sub-Stellar-Mass Host in Microlensing Event MOA-2007-BLG-192*,” *Astrophys. J.*, **684**, 663 (2008)
- D. Kubas, A. Cassan, M. Dominik, D.P. Bennett, J. Wambsganss, S. Brilliant, J.-P. Beaulieu, M.D. Albrow, V. Batista, M. Bode, D.M. Bramich, M. Burgdorf, J.A.R. Caldwell, H. Calitz, K.H. Cook, Ch. Coutures, S. Dieters, D. Dominis Prester, J. Donatowicz, P. Fouque, J. Greenhill, K. Hill, M. Hoffman, K. Horne, U.G. Jorgensen, N. Kains, S. Kane, J.B. Marquette, R. Martin, P. Meintjes, J. Menzies, K.R. Pollard, K.C. Sahu, C. Snodgrass, I. Steele, Y. Tsapras, C. Vinter, A. Williams, K. Woller and M. Zub, “*Limits on Additional Planetary Companions to OGLE-2005-BLG-390L*,” *Astron. & Astrophys.*, **483**, 317, (2008)
- B.S. Gaudi, J. Patterson, D.S. Spiegel, T.Krajci, R. Koff, G. Pojmanski, S. Dong, A. Gould, J.L. Prieto, C.H. Blake, P.W.A. Roming, D.P. Bennett, J.S. Bloom, D.Boyd, P.de Ponthiere, N. Mirabal, C.W. Morgan, R.R. Remillard, T. Vanmunster, R. M.Wagner, L.C. Watson, “*Discovery of a Very Bright, Nearby Gravitational Microlensing Event*,” *Astrophys. J.*, **677**, 1268, (2008)
- B.S. Gaudi, D.P. Bennett, A. Udalski, A. Gould, G.W. Christie, D. Maoz, S. Dong, J. McCormick, M.K. Szymanski, P.J. Tristram, S. Nikolaev, B. Paczynski, M. Kubiak, G. Pietrzynski, I. Soszyn-

- ski, O. Szewczyk, K. Ulaczyk, L. Wyrzykowski, D.L. DePoy, C. Han, S. Kaspi, C.-U. Lee, F. Mallia, T. Natusch, R.W. Pogge, B.-G. Park, F. Abe, I.A. Bond, C.S. Botzler, A. Fukui, J. B. Hearnshaw, Y. Itow, K. Kamiya, A.V. Korpela, P.M. Kilmartin, W. Lin, K. Masuda, Y. Matsubara, M. Motomura, Y. Muraki, S. Nakamura, T. Okumura, K. Ohnishi, N.J. Rattenbury, T. Sako, To. Saito, S. Sato, L. Skuljan, D.J. Sullivan, T. Sumi, W.L. Sweatman, P.C.M. Yock, M.D. Albrow, A. Allan, J.-P. Beaulieu, M.J. Burgdorf, K.H. Cook, C. Coutures, M. Dominik, S. Dieters, P. Fouque, J. Greenhill, K. Horne, I. Steele, Y. Tsapras, B. Chaboyer, A. Crocker, S. Frank, and B. Macintosh, “*Discovery of a Jupiter/Saturn Analog with Gravitational Microlensing*,” *Science*, **319**, 927, (2008)
- A. Gould, B.S. Gaudi, and D.P. Bennett, “*Ground-based Microlensing Surveys*,” White Paper Submitted to the NASA/NSF ExoPlanet Task Force (2007) (arXiv:0704.0767)
- D.P. Bennett, J. Anderson, J.-P. Beaulieu, I. Bond, E. Cheng, K. Cook, S. Friedman, B.S. Gaudi, A. Gould, J. Jenkins, R. Kimble, D. Lin, M. Rich, K. Sahu, D. Tenerelli, A. Udalski, and P. Yock, “*An Extrasolar Planet Census with a Space-based Microlensing Survey*,” White Paper Submitted to the NASA/NSF ExoPlanet Task Force (2007) (arXiv:0704.0454)
- S. Dong, A. Udalski, A. Gould, W. T. Reach, G.W. Christie, A.F. Boden, D.P. Bennett, G. Fazio, K. Griest, M.K. Szymanski, M. Kubiak, I. Soszynski, G. Pietrzynski, O. Szewczyk, L. Wyrzykowski, K. Ulaczyk, T. Wieckowski, B. Paczynski, D. L. DePoy, R. W. Pogge, G.W. Preston, I.B. Thompson, “*First Space-Based Microlens Parallax Measurement: Spitzer Observations of OGLE-2005-SMC-001*,” *Astrophys. J.*, **664**, 862, (2007)
- D.P. Bennett, J. Anderson, and B.S. Gaudi, “*Characterization of Gravitational Microlensing Planetary Host Stars*,” *Astrophys. J.*, **660**, 781, (2007)
- A. Cassan, J.-P. Beaulieu, P. Fouque, S. Brilliant, M. Dominik, J. Greenhill, D. Heyrovsky, K. Horne, U.G. Jorgensen, D. Kubas, H.C. Stempels, C. Vinter, M.D. Albrow, D. Bennett, J.A.R. Caldwell, J.J. Calitz, K. Cook, C. Coutures, D. Dominis, J. Donatowicz, K. Hill, M. Hoffman, S. Kane, J.-B. Marquette, R. Martin, P. Meintjes, J. Menzies, V.R. Miller, K.R. Pollard, K.C. Sahu, J. Wambsganss, A. Williams, A. Udalski, M.K. Szymanski, M. Kubiak, G. Pietrzynski, I. Soszynski, K. Zebrun, O. Szewczyk, and L. Wyrzykowski, “*OGLE 2004-BLG-254: a K3 III Galactic Bulge Giant Spatially Resolved by a Single Microlens*,” *Astron. & Astrophys.*, **460**, 270, (2006)
- R.J. Assef, A. Gould, C. Afonso, J.N. Albert, J. Andersen, R. Ansari, E. Aubourg, P. Bareyre, J.P. Beaulieu, X. Charlot, C. Coutures, R. Ferlet, P. Fouque, J.F. Glicenstein, B. Goldman, D. Graff, M. Gros, J. Haissinski, C. Hamadache, J. de Kat, L. Le Guillou, E. Lesquoy, C. Loup, C. Magneville, J.B. Marquette, E. Maurice, A. Maury, A. Milsztajn, M. Moniez, N. Palanque-Delabrouille, O. Perdereau, Y.R. Rahal, J. Rich, M. Spiro, P. Tisserand, A. Vidal-Madjar, L. Vigroux, S. Zylberajch, D.P. Bennett, A.C. Becker, K. Griest, T. Vandehei, D.L. Welch, A. Udalski, M.K. Szymanski, M. Kubiak, G. Pietrzynski, I. Soszynski, O. Szewczyk, and L. Wyrzykowski, “*Removing the Microlensing Blending-Parallax Degeneracy Using Source Variability*,” *Astrophys. J.*, **649**, 954, (2006)
- D. P. Bennett, J. Anderson, I. A. Bond, A. Udalski, and A. Gould, “*Identification of the OGLE-2003-BLG-235/MOA-2003-BLG-53 Planetary Host Star*,” *Astrophys. J. Lett.*, **647**, L171, (2006).
- A. Gould, A. Udalski, D. An, D. P. Bennett, A.-Y. Zhou, S. Dong, N.J. Rattenbury, B.S. Gaudi, P.C.M. Yock, I. A. Bond, G.W. Christie, K. Horne, J. Anderson, K.Z. Stanek, D.L. DePoy, C. Han, J. McCormick, B.-G. Park, R.W. Pogge, S.D. Poindexter, I. Soszynski, M.K. Szymanski, M. Kubiak, G. Pietrzynski, O. Szewczyk, L. Wyrzykowski, K. Ulaczyk, B. Paczynski, D.M. Bramich, C. Snodgrass, I.A. Steele, M.J. Burgdorf, M.F. Bode, C.S. Botzler, S. Mao, and S.C. Swaving, “*Microlens OGLE-2005-BLG-169 Implies Cool Neptune-Like Planets are*

- Common*,” *Astrophys. J. Lett.*, **644**, L37, (2006).
- J.-P. Beaulieu, D. P. Bennett, P. Fouque, A. Williams, M. Dominik, U. G. Jorgensen, D. Kubas, A. Casan, C. Coutures, J. Greenhill, K. Hill, J. Menzies, P.D. Sackett, M. Albrow, S. Brilliant, J.A.R. Caldwell, J. J. Calitz, K. H. Cook, E. Corrales, M. Desort, S. Dieters, D. Dominis, J. Donatowicz, M. Hoffman, S. Kane, J.-B. Marquette, R. Martin, P. Meintjes, K. Pollard, K. Sahu, C. Vinter, J. Wambsganss, K. Woller, K. Horne, I. Steele, D. M. Bramich, M. Burgdorf, C. Snodgrass, M. Bode, A. Udalski, M.K. Szymanski, M. Kubiak, T. Wieckowski, G. Pietrzynski, I. Soszynski, O. Szewczyk, L. Wyrzykowski, B. Paczynski, F. Abe, I. A. Bond, T. R. Britton, A. C. Gilmore, J. B. Hearnshaw, Y. Itow, K. Kamiya, P. M. Kilmartin, A. V. Korpela, K. Masuda, Y. Matsubara, M. Motomura, Y. Muraki, S. Nakamura, C. Okada, K. Ohnishi, N. J. Rattenbury, T. Sako, S. Sato, M. Sasaki, T. Sekiguchi, D. J. Sullivan, P. J. Tristram, P. C. M. Yock, and T. Yoshioka, “*Discovery of a Cool Planet of 5.5 Earth Masses through Gravitational Microlensing*,” *Nature*, **439**, 437, (2006).
- S. Poindexter, C. Afonso, D.P. Bennett, J.-F. Glicenstein, A. Gould, M.K. Szymanski, and A. Udalski, “*Systematic Analysis of 22 Microlensing Parallax Candidates*,” *Astrophys. J.*, **633**, 914, (2005).
- D. P. Bennett, “*Large Magellanic Cloud Microlensing Optical Depth with Imperfect Event Selection*,” *Astrophys. J.*, **633**, 906, (2005).
- C. L. Thomas, K. Griest, P. Popowski, K. H. Cook, A. J. Drake, D. Minniti, C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. C. Becker, D. P. Bennett, K. C. Freeman, M. Geha, M. J. Lehner, S. L. Marshall, D. G. Myer, C. A. Nelson, B. A. Peterson, P. J. Quinn, C. W. Stubbs, W. Sutherland, T. Vandehei, and D. L. Welch, “*Galactic Bulge Microlensing Events from the MACHO Collaboration*,” *Astrophys. J.*, **631**, 906, (2005).
- P. Popowski, K. Griest, C. L. Thomas, K. H. Cook, D. P. Bennett, A. C. Becker, D. R. Alves, D. Minniti, A. J. Drake, C. Alcock, R. A. Allsman, T. S. Axelrod, K. C. Freeman, M. Geha, M. J. Lehner, S. L. Marshall, C. A. Nelson, B. A. Peterson, P. J. Quinn, C. W. Stubbs, W. Sutherland, T. Vandehei, and D. Welch, “*Microlensing Optical Depth towards the Galactic Bulge Using Clump Giants from the MACHO Survey*,” *Astrophys. J.*, **631**, 879 (2005).
- D. P. Bennett, A. C. Becker, and A. Tomaney, “*Photometric Confirmation of MACHO Large Magellanic Cloud Microlensing Events*,” *Astrophys. J.*, **631**, 301, (2005).
- A. Udalski, M. Jaroszynski, B. Paczynski, M. Kubiak, M.K. Szymanski, I. Soszynski, G. Pietrzynski, K. Ulaczyk, O. Szewczyk, L. Wyrzykowski G.W. Christie, D.L. DePoy, S. Dong, A. Gal-Yam, B.S. Gaudi, A. Gould, C. Han, S. Lepine, J. McCormick, B.-G. Park, R.W. Pogge, D.P. Bennett, I.A. Bond, Y. Muraki, P.J. Tristram, P.C.M. Yock, J.P. Beaulieu, D.M. Bramich, S.W. Dieters, J. Greenhill, K. Hill, K. Horne, D. Kubas “*A Jovian-mass Planet in Microlensing Event OGLE-2005-BLG-071*,” *Astrophys. J. Lett.*, **628**, L109, (2005).
- N. J. Rattenbury, F. Abe, D. P. Bennett, I. A. Bond, J. J. Calitz, A. Claret, K. H. Cook, Y. Furuta, A. Gal-Yam, J-F. Glicenstein, J. B. Hearnshaw, P. H. Hauschildt, P. M. Kilmartin, Y. Kurata, K. Masuda, D. Maoz, Y. Matsubara, P. J. Meintjes, M. Moniez, Y. Muraki, S. Noda, E. O. Ofek, K. Okajima, L. Philpott, S. H. Rhie, T. Sako, D. J. Sullivan, T. Sumi, D. M. Terndrup, P. J. Tristram, J. Wood, T. Yanagisawa, and P. C. M. Yock, “*Determination of Stellar Shape in Microlensing Event MOA 2002-BLG-33*,” *Astronomy & Astrophysics*, **439**, 645 (2005).
- H. Ghosh, D.L. DePoy, A. Gal-Yam, B.S. Gaudi, A. Gould, C. Han, Y. Lipkin, D. Maoz, E.O. Ofek, B.-G. Park, R.W. Pogge, S. Salim, F. Abe, D.P. Bennett, I.A. Bond, S. Eguchi, Y. Furuta, J. B. Hearnshaw, K. Kamiya, P.M. Kilmartin, Y. Kurata, K. Masuda, Y. Matsubara, Y. Muraki, S. Noda, K. Okajima, N.J. Rattenbury, T. Sako, T. Sekiguchi, D.J. Sullivan, T. Sumi, P.J. Tris-

- tram, T. Yanagisawa, P.C.M. Yock, A. Udalski, I. Soszynski, L. Wyrzykowski, M. Kubiak, M. K. Szymanski, G. Pietrzynski, O. Szewczyk, K.U. Zebrun, M. D. Albrow, J.-P. Beaulieu, J.A.R. Caldwell, A. Cassan, C. Coutures, M. Dominik, J. Donatowicz, P. Fouque, J. Greenhill, K. Hill, K. Horne, U.G. Jorgensen, S. Kane, D. Kubas, R. Martin, J. Menzies, K.R. Pollard, K.C. Sahu, J. Wambsganss, R. Watson, and A. Williams, “*Potential Direct Single-Star Mass Measurement*,” *Astrophys. J.*, **615**, 450 (2004).
- D.P. Bennett, “*The Detection of Terrestrial Planets via Gravitational Microlensing: Space vs. Ground-based Surveys*,” *Extrasolar Planets: Today and Tomorrow*, ASP Conference Proceedings, 321, p. 59 (2004).
- D.P. Bennett, I. Bond, E. Cheng, S. Friedman, P. Garnavich, B. Gaudi, R. Gilliland, A. Gould, M. Greenhouse, K. Griest, R. Kimble, J. Lunine, J. Mather, D. Minniti, M. Niedner, B. Paczynski, S. Peale, B. Rauscher, M. Rich, K. Sahu, D. Tenerelli, A. Udalski, N. Woolf, and P. Yock, “*The Microlensing Planet Finder: Completing the Census of Extrasolar Planets in the Milky Way*,” *Proc. SPIE*, **5487**, 1453 (2004).
- A. Gould, D.P. Bennett, and D.R. Alves, “*The Mass of the MACHO-LMC-5 Lens Star*,” *Astrophys. J.*, **614**, 404 (2004).
- F. Abe, D.P. Bennett, I.A. Bond, S. Eguchi, Y. Furuta, J.B. Hearnshaw, K. Kamiya, P.M. Kilmartin, Y. Kurata, K. Masuda, Y. Matsubara, Y. Muraki, S. Noda, K. Okajima, A. Rakich, N.J. Rattenbury, T. Sako, T. Sekiguchi, D.J. Sullivan, T. Sumi, P.J. Tristram, T. Yanagisawa, P.C.M. Yock, A. Gal-Yam, Y. Lipkin, D. Maoz, E.O. Ofek, A. Udalski, O. Szewczyk, K. Zebrun, I. Soszynski, M.K. Szymanski, M. Kubiak, G. Pietrzynski, and L. Wyrzykowski, “*Search for Low-Mass Exoplanets by Gravitational Microlensing at High Magnification*,” *Science*, **305**, 1264 (2004).
- B.-G. Park, D.L. Depoy, B.S. Gaudi, A. Gould, C. Han, F. Abe, D.P. Bennett, I.A. Bond, Y. Furuta, J.B. Hearnshaw, K. Kamiya, P.M. Kilmartin, Y. Kurata, K. Masuda, Y. Matsubara, Y. Muraki, S. Noda, K. Okajima, N.J. Rattenbury, T. Sako, T. Sekiguchi, D.J. Sullivan, T. Sumi, P.J. Tristram, T. Yanagisawa, and P.C.M. Yock, “*MOA 2003-BLG-37: A Bulge Jerk-Parallax Microlens Degeneracy*,” *Astrophys. J.*, **609**, 166, (2004).
- I.A. Bond, A. Udalski, M. Jaroszynski, N.J. Rattenbury, B. Paczynski, I. Soszynski, L. Wyrzykowski, M.K. Szymanski, M. Kubiak, O. Szewczyk, K. Zebrun, G. Pietrzynski, F. Abe, D.P. Bennett, S. Eguchi, Y. Furuta, J.B. Hearnshaw, K. Kamiya, P.M. Kilmartin, Y. Kurata, K. Masuda, Y. Matsubara, Y. Muraki, S. Noda, K. Okajima, T. Sako, T. Sekiguchi, D.J. Sullivan, T. Sumi, P.J. Tristram, T. Yanagisawa, and P.C.M. Yock, “*OGLE 2003-BLG-235/MOA 2003-BLG-53: A Planetary Microlensing Event*,” *Astrophys. J. Lett.*, **606**, L155, (2004).
- F. Abe, D.P. Bennett, I.A. Bond, J.J. Calitz, A. Claret, K.H. Cook, Y. Furuta, A. Gal-Yam, J-F. Glitzenstein, J.B. Hearnshaw, P.H. Hauschildt, D. Kent, P.M. Kilmartin, Y. Kurata, K. Masuda, D. Maoz, Y. Matsubara, P.J. Meintjes, M. Moniez, Y. Muraki, S. Noda, E.O. Ofek, K. Okajima, L. Philpott, N.J. Rattenbury, S.H. Rhie, T. Sako, D.J. Sullivan, T. Sumi, D.M. Terndrup, P.J. Tristram, T. Yanagisawa, and P.C.M. Yock, “*Probing the Atmosphere of a Solar-like Star by Galactic Microlensing at High Magnification*,” *Astron. & Astrophys.*, **411**, L493 (2003).
- C. Alcock, D.R. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, C.M. Clement, K.H. Cook, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, A. Muzzin, C.A. Nelson, B.A. Peterson, P. Popowski, P.J. Quinn, A.W. Rodgers, J.F. Rowe, W. Sutherland, T. Vandehei, and D.L. Welch, “*The MACHO Project Large Magellanic Cloud Variable Star Inventory. XIII. Fourier Parameters for the First Overtone RR Lyrae Variables and the LMC Distance*,” *Astron. J.*, **127**, 334, (2004).
- C. Alcock, D.R. Alves, A. Becker, D. Bennett, K.H. Cook, A. Drake, K. Freeman, M. Geha, K. Griest,

- G. Kovacs, M. Lehner, S. Marshall, D. Minniti, C. Nelson, B. Peterson, P. Popowski, M. Pratt, P. Quinn, A. Rodgers, C. Stubbs, W. Sutherland, T. Vandehei, and D.L. Welch, “*The Macho Project Large Magellanic Cloud Variable Star Inventory. XI. Frequency Analysis of the Fundamental Mode RR Lyrae Stars,*” *Astrophys. J.*, **598**, 597, (2003).
- M. Geha, C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, A.J. Drake, K.C. Freeman, K. Griest, S. Keller, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*Variability-Selected Quasars in MACHO Project Magellanic Cloud Fields,*” *Astron. J.*, **125**, 1 (2003).
- D.P. Bennett, J. Bally, I. Bond, E. Cheng, K. Cook, D. Deming, P. Garnavich, K. Griest, D. Jewitt, N. Kaiser, T. Lauer, J. Lunine, G. Luppino, J. Mather, D. Minniti, S. Peale, S. Rhie, J. Rhodes, J. Schneider, G. Sonneborn, R. Stevenson, C. Stubbs, D. Tenerelli, N. Woolf, P. Yock, “*The Galactic Exoplanet Survey Telescope (GEST),*” *Proc. SPIE*, **4854**, 141 (2003).
- D.P. Bennett, A.C. Becker, J. L. Quinn, A. Tomaney, C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, K.H. Cook, A.J. Drake, P. C. Fragile, K.C. Freeman, M. Geha, K. Griest, B. R. Johnson, S. C. Keller, C. Laws, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, S. H. Rhie, C.W. Stubbs, W. Sutherland, T. Vandehei, and D. Welch, “*Gravitational Microlensing Events Due to Stellar Mass Black Holes,*” *Astrophys. J.*, **579**, 639, (2002).
- D. P. Bennett and S. H. Rhie, “*Simulation of a Space-Based Microlensing Survey for Terrestrial Extra-Solar Planets,*” *Astrophys. J.*, **574**, 985, (2002).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, A.J. Drake, K.C. Freeman, K. Griest, S. L. Hawley, S. Keller, M.J. Lehner, D. Lepischak, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, A. W. Rodgers, N. Suntzeff, W. Sutherland, T. Vandehei, and D. Welch, “*The MACHO Project Large Magellanic Cloud Variable Star Inventory. XII. Three Cepheid Variables in Eclipsing Binaries,*” *Astrophys. J.*, **573**, 338, (2002).
- D. Minniti, B. Barbuy, V. Hill, E. Bica, S. Ortolani, R. M. Rich, K.H. Cook, T. Vandehei, A. Renzini, L. Pasquini and D.P. Bennett, “*VLT-UVES Spectroscopy of a Bulge Giant Magnified through Microlensing: EROS-BLG-2000-5,*” *Astron. & Astrophys.*, **384**, 884, (2002), Erratum: **389**, 419, (2002).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, N. Dalal, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*Direct Detection of a Microlens in the Milky Way,*” *Nature*, 414, 617, (2001).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, T. Vandehei, and D. Welch, “*Astrometry with the MACHO Data Archive. I. High Proper Motion Stars toward the Galactic Bulge and Magellanic Cloud,*” *Astrophys. J.*, **562**, 337, (2001).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*The MACHO Project: Microlensing Detection Efficiency,*” *Astrophys. J. Supp.*, **136**, 439, (2001).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, N. Dalal,

- A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*The MACHO Project Hubble Space Telescope Follow-Up: Preliminary Results on the Location of the Large Magellanic Cloud Microlensing Source Stars*,” *Astrophys. J.*, **552**, 582, (2001).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, G.C. Clayton, K.H. Cook, N. Dalal, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*The MACHO Project LMC Variable Star Inventory. X. The R Coronae Borealis Stars*,” *Astrophys. J.*, **554**, 298, (2001).
- C. Alard, J. A. D. L. Blommaert, C. Césarsky, N. Epchtein, M. Felli, P. Fouque, S. Ganesh, R. Genzel, G. Gilmore, I. S. Glass, H. Habing, A. Omont, M. Perault, S. Price, A. Robin, M. Schultheis, G. Simon, J. Th. van Loon, C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*Mass-losing Semiregular Variable Stars in Baade’s Windows*,” *Astrophys. J.*, **552**, 289, (2001).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*MACHO 96-LMC-2: Lensing of a Binary Source in the LMC and Constraints on the Lensing Object*,” *Astrophys. J.*, **552**, 259, (2001).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, N. Dalal, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*MACHO Project Limits on Black Hole Dark Matter in the 1-30 Solar Mass Range*,” *Astrophys. J. Lett.*, **550**, L169 (2001).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, P. A. Charles, K.H. Cook, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, K. E. McGowan, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*A 421 d Activity Cycle in the BeX Recurrent Transient A0538-66 from MACHO monitoring*,” *Mon. Not. R. Astron. Soc.*, **321**, 678, (2001).
- D. P. Bennett and S. H. Rhie, “*The Galactic Exoplanet Survey Telescope: A Proposed Space-Based Microlensing Survey for Terrestrial Extra-Solar Planets*,” ASP Conf. Proc. 219: Disks Planetsimals, and Planets, F. Garzon, C. Eiroa, D. de Winter, and T.J. Mahoney, eds., p. 542 (2000).
- S. H. Rhie and D. P. Bennett, “*Line Caustic Microlensing and Limb Darkening*,” *Astrophys. J.*, submitted, (2000).
- C. Alcock, R. Allsman, D. R. Alves, T. Axelrod, A. Becker, D. P. Bennett, C. Clement, K. H. Cook, A. Drake, K. Freeman, M. Geha, K. Griest, G. Kovacs, D. W. Kurtz, M. Lehner, S. Marshall, D. Minniti, C. Nelson, B. Peterson, P. Popowski, M. Pratt, P. Quinn, A. Rodgers, J. Rowe, C. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei and D. L. Welch, “*The MACHO Project Large Magellanic Cloud Variable Star Inventory: IX. Frequency Analysis of the First Overtone RR Lyrae Stars and the Indication for Nonradial Pulsations*,” *Astrophys. J.*, **542**, 257, (2000).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, N. Dalal,

- A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*The MACHO Project: Microlensing Results from 5.7 Years of LMC Observations*,” *Astrophys. J.*, **542**, 281 (2000).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, A.J. Drake, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. Welch, “*The MACHO Project: Microlensing Optical Depth towards the Galactic Bulge from Difference Image Analysis*,” *Astrophys. J.*, **541**, 734 (2000).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, P. A. Charles, K.H. Cook, A.J. Drake, K.C. Freeman, K. Griest, P. Groot, M.J. Lehner, S.L. Marshall, K. E. McGowan, D. Minniti, C. Nelson, B.A. Peterson, M.R. Pratt, P.J. Quinn, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, J. van Paradijs, and D. Welch, “*Searching for Periodicities in MACHO Monitoring of LMC X-2*,” *Mon. Not. R. Astron. Soc.*, **316**, 729 (2000).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, D.P. Bennett, K.H. Cook, K.C. Freeman, M. Geha, K. Griest, M.J. Lehner, S.L. Marshall, B. J. McNamara, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, M.R. Pratt, P.J. Quinn, A. W. Rodgers, W. Sutherland, M. R. Templeton, T. Vandehei, and D. Welch, “*The MACHO Project Sample of Galactic Bulge High-Amplitude δ -Scuti Stars: Pulsation Behavior and Stellar Properties*,” *Astrophys. J.*, **536**, 798 (2000).
- C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, D. Baines, A.C. Becker, D.P. Bennett, A. Bourke, N. Butler, A. Brakel, K.H. Cook, B. Crook, A. Crouch, J. Dan, A.J. Drake, P.C. Fragile, K.C. Freeman, A. Gal-Yam, M. Geha, J. Gray, K. Griest, A. Gurtierrez, A. Heller, J. Howard, B.R. Johnson, S. Kaspi, M. Keane, O. Kovo, C. Leach, T. Leach, E.M. Leibowitz, M.J. Lehner, Y. Lipkin, D. Maoz, S.L. Marshall, D. McDowell, S. McKeown, H. Mendelson, B. Messenger, D. Minniti, C. Nelson, B.A. Peterson, P. Popowski, E. Pozza, P. Purcell, M.R. Pratt, J. Quinn, P.J. Quinn, S.H. Rhie, A.W. Rodgers, A. Salmon, O. Shemer, P. Stetson, C.W. Stubbs, W. Sutherland, S. Thomson, A. Tomaney, S.E. Turner, T. Vandehei, A. Walker, K. Ward, and G. Wyper, “*Binary Microlensing Events from the MACHO Project*,” *Astrophys. J.*, **541**, 270 (2000).
- S. H. Rhie, D. P. Bennett, A. Becker, B. Peterson, P. C. Fragile, B. R. Johnson, J. L. Quinn, A. Crouch, J. Gray, L. King, B. Messenger, S. Thomson, I.A. Bond, B.S. Carter, R.J. Dodd, J.B. Hearnshaw, M. Honda, J. Jugaku, S. Kabe, P.M. Kilmartin, B.S. Koribalski, K. Masuda, Y. Matsubara, Y. Muraki, T. Nakamura, G.R. Nankivell, S. Noda, N.J. Rattenbury, M. Reid, N.J. Rumsey, To. Saito, H. Sato, S. Sato, M. Sekiguchi, D.J. Sullivan, T. Sumi, Y. Watase, T. Yanagisawa, P.C.M. Yock, and M. Yoshizawa, “*On Planetary Companions to the MACHO-98-BLG-35 Microlens Star*,” *Astrophys. J.*, **533**, 378, (2000).
- C. Afonso, C. Alard, J.N. Albert, J. Andersen, R. Ansari, É. Aubourg, P. Bareyre, F. Bauer, J.P. Beaulieu, A. Bouquet, S. Char, X. Charlot, F. Couchot, C. Coutures, F. Derue, R. Ferlet, J.F. Glicenstein, B. Goldman, A. Gould, D. Graff, M. Gros, J. Haissinski, J.C. Hamilton, D. Hardin, J. de Kat, A. Kim, T. Lasserre, É. Lesquoy, C. Loup, C. Magneville, J.B. Marquette, É. Maurice, A. Milsztajn, M. Moniez, N. Palanque-Delabrouille, O. Perdureau, L. Prévot, N. Regnault, J. Rich, M. Spiro, A. Vidal-Madjar, L. Vigroux, S. Zylberajch C. Alcock, R.A. Allsman, D. Alves, T.S. Axelrod, A.C. Becker, K.H. Cook, A.J. Drake, K.C. Freeman, K. Griest, L.J. King, M.J. Lehner, S.L. Marshall, D. Minniti, B.A. Peterson, M.R. Pratt, P.J. Quinn, A.W. Rodgers, P.B. Stetson, C.W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, S.H. Rhie, D.P. Bennett, P.C. Fragile, B.R. Johnson, J.Quinn, A. Udalski, M. Ku-

- biak, M. Szymański, G. Pietrzyński, P. Woźniak, K. Żebruń M.D. Albrow, J.A.R. Caldwell, D.L. DePoy, M. Dominik, B.S. Gaudi, J. Greenhill, K. Hill, S. Kane, R. Martin, J. Menzies, R.M. Naber, R.W. Pogge, K.R. Pollard, P.D. Sackett, K.C. Sahu, P. Vermaak, R. Watson, A. Williams, “*Combined Analysis of the Binary-Lens Caustic-Crossing Event MACHO 98-SMC-1*,” *Astrophys. J.*, **532**, 340, (2000).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Basu, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, M. Geha, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, C. Nelson, B. A. Peterson, P. Popowski, M. R. Pratt, P. J. Quinn, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Vandehei and D. L. Welch, “*The MACHO Project 9 Million Star Color-Magnitude Diagram of the Large Magellanic Cloud*,” *Astron. J.*, **119**, 2194, (2000).
- D. P. Bennett, S. H. Rhie, A. Becker, N. Butler, J. Dann, S. Kaspi, E.M. Leibowitz, Y. Lipkin, D. Maoz, H. Mendelson, B. Peterson, J. L. Quinn, O. Shemmer, S. Thomson, and S. E. Turner, “*Gravitational Microlensing Evidence for a Planet Orbiting a Binary Star System*,” *Nature*, **402**, 57 (1999).
- S. H. Rhie, A. Becker, D. P. Bennett, P. C. Fragile, B. R. Johnson, L. J. King, B. Peterson, and J. Quinn, “*Observations of the Binary Microlens Event MACHO-98-SMC-1 by the Microlensing Planet Search Collaboration*,” *Astrophys. J.*, **522**, 1037, (1999).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Vandehei and D. L. Welch, “*Calibration of the MACHO Photometry Database*,” *Proc. Ast. Soc. Pac.*, **111**, 1539, (1999).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, A. J. Drake, K. C. Freeman, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Vandehei and D. L. Welch, “*Difference Image Analysis of Galactic Microlensing. II. Microlensing Events*,” *Astrophys. J. Supp.*, **124**, 171, (1999).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, A. J. Drake, K. C. Freeman, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Vandehei and D. L. Welch, “*Difference Image Analysis of Galactic Microlensing. I. Data Analysis*,” *Astrophys. J.*, **521**, 602-612, (1999).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, D. F. Bersier, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Vandehei and D. L. Welch, “*The MACHO Project Large Magellanic Cloud Variable Star Inventory: VIII. The Recent Star Formation History of the LMC from the Cepheid Period Distribution*,” *Astron. J.*, **117**, 920-926, (1999).
- D. P. Bennett, S. H. Rhie, C. Alcock, R. A. Allsman, T. Axelrod, D. Alves, A. Becker, K. H. Cook, K. Freeman, K. Griest, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Microlensing Event*,” *IAUC* **6939**, (1998).
- A. Becker, D. P. Bennett, S. H. Rhie, C. Alcock, R. A. Allsman, T. Axelrod, D. Alves, K. H. Cook, K. Freeman, K. Griest, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Microlensing Event*,” *IAUC* **6935**, (1998).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, A. J. Drake, K. C. Freeman, K. Griest, L. J. King, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, S. H. Rhie, A. W. Rodgers, P. B. Stetson, C. W. Stubbs, W. Sutherland, A. B. Tomaney, and T. Vandehei, “*Discovery and Characteri-*

- zation of a Caustic Crossing Microlensing Event in the SMC,” *Astrophys. J.*, **518**, 44, (1999).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, W. Sutherland, A. B. Tomaney, T. Vandehei and D. L. Welch, “*The MACHO Project LMC Variable Star Inventory. VI. The Second-overtone Mode of Cepheid Pulsation From First/Second Overtone (FO/SO) Beat Cepheids*,” *Astrophys. J.*, **511**, 185, (1999).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, A. Rorabeck, W. Sutherland, A. B. Tomaney, and T. Vandehei, “*The MACHO Project SMC Variable Star Inventory: I. The Second-overtone Mode of Cepheid Pulsation From First/Second Overtone (1H/2H) Beat Cepheids*,” *Astron. J.*, **117**, 920, (1999).
- C. Alcock, R. A. Allsman, D. R. Alves, R. Ansari, E. Aubourg, T. S. Axelrod, P. Bareyre, J.-Ph. Beaulieu, A. Becker, D. P. Bennett, S. Brehin, F. Cavalier, S. Char, K. H. Cook, R. Ferlet, J. Fernandez, K. C. Freeman, K. Griest, Ph. Grison, M. Gros, C. Gry, J. Guibert, M. Lachieze-Rey, B. Laurent, M. J. Lehner, E. Lesquoy, C. Magneville, S. L. Marshall, E. Maurice, A. Milsztajn, D. Minniti, M. Moniez, M. Moreau, L. Moscoso, N. Palanque-Delabrouille, B. A. Peterson, M. R. Pratt, L. Prevot, F. Queinnec, P. J. Quinn, C. Renault, J. Rich, M. Spiro, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Vandehei, A. Vidal-Madjar, L. Vigroux, and S. Zylberajch, “*EROS and MACHO Combined Limits on Planetary-Mass Dark Matter in the Galactic Halo*,” *Astrophys. J. Lett.*, **499**, L9, (1998)
- D. P. Bennett, “*Magellanic Cloud Gravitational Microlensing Results: What Do They Mean?*” *Phys. Rep.*, **307**, 97, (1998).
- D. P. Bennett, “*Red Clump Stars as a Tracer of Microlensing Optical Depth*,” *Astrophys. J. Lett.*, **493**, L79, (1998).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, W. A. Lawson, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, K. R. Pollard, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, and W. Sutherland, “*The MACHO Project LMC Variable Star Inventory: The Discovery of RV Tauri stars and New Type II Cepheids in the LMC*,” *Astron. J.*, **115**, 1921, (1998).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Basu, L. Baskett, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. L. Welch, “*The RR Lyrae Population of the Galactic Bulge from the MACHO Database: Mean Colors and Magnitudes*,” *Astrophys. J.*, **492**, 190, (1998).
- C. Alcock, R. A. Allsman, T. Axelrod, D. Alves, A. Becker, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Eclipse of LMC Classical Cepheid*,” *IAUC* **6802**, (1998).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, A. Gould, J. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, P. Popowski, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, T. Vandehei, and D. L. Welch, “*The Zero Point of Extinction Toward Baade’s Window From RR Lyrae Stars*,” *Astrophys. J.*, **494**, 396 (1998).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, M. J. Keane, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, A. B. Tomaney, T. Van-

- dehei, and D. L. Welch, “*First Detection of a Gravitational Microlensing Candidate Towards the Small Magellanic Cloud*,” *Astrophys. J. Lett.*, **491**, L11, (1997).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, A. Tomaney, T. Vandehei, and D. L. Welch, “*Is the LMC Microlensing Due to an Intervening Dwarf Galaxy?*” *Astrophys. J. Lett.*, **490**, L59, (1997).
- C. Alcock, R. A. Allsman, T. Axelrod, D. Alves, A. Becker, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Nova in the Large Magellanic Cloud 1997*,” *IAUC* **6756**, (1997).
- A. Becker, D. P. Bennett, N. Butler, B. Peterson, S. H. Rhie, S. E. Thomson, S. E. Turner, C. Alcock, R. Allsman, T. Axelrod, D. Alves, K. H. Cook, K. Freeman, K. Griest, M. Lehner, S. Marshall, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Microlensing Event*,” *IAUC* **6720**, (1997).
- C. Alcock, R. A. Allsman, T. Axelrod, D. Alves, A. Becker, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Nova in the Small Magellanic Cloud 1996*,” *IAUC* **6713**, (1997).
- C. Alcock, W. H. Allen, R. A. Allsman, D. Alves, T. S. Axelrod, T. S. Banks, S. F. Beaulieu, A. C. Becker, R. H. Becker, D. P. Bennett, I. A. Bond, B. S. Carter, K. H. Cook, R. J. Dodd, K. C. Freeman, M. Gregg, K. Griest, J. B. Hearnshaw, A. Heller, M. Honda, J. Jugaku, S. Kabe, S. Kaspi, P. M. Kilmartin, A. Kitamura, O. Kovo, M. J. Lehner, T. E. Love, D. Maoz, S. L. Marshall, Y. Matsubara, D. Minniti, M. Miyamoto, Y. Muraki, T. Nakamura, B. A. Peterson, M. R. Pratt, P. J. Quinn, I. N. Reid, M. Reid, D. Reiss, A. Retter, A. W. Rodgers, W. L. W. Sargent, H. Sato, M. Sekiguchi, P. B. Stetson, C. W. Stubbs, D. J. Sullivan, W. Sutherland, A. Tomaney, T. Vandehei, Y. Watase, D. L. Welch, T. Yanagisawa, M. Yoshizawa, and P. C. M. Yock “*MACHO Alert 95-30 : First Real-Time Observation of Extended Source Effects in Gravitational Microlensing*” *Astrophys. J.*, **491**, 436, (1997)
- D. P. Bennett, C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, K. H. Cook, K. C. Freeman, K. Griest, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, S. H. Rhie, A. W. Rodgers, C. W. Stubbs, W. Sutherland, T. Vandehei, and D. L. Welch “*Planetary Microlensing from the MACHO Project*,” *ASP Conf. Proc.* 119: Planets Beyond the Solar System and the Next Generation of Space Missions, D.R. Soderblom, ed., p. 95 (1997).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch “*The MACHO Project LMC Microlensing Results from the First Two Years and the Nature of the Galactic Dark Halo*,” *Astrophys. J.*, **486**, 697 (1997).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch “*The MACHO Project Large Magellanic Cloud Variable Star Inventory. III. Multimode RR Lyrae Stars, Distance to the Large Magellanic Cloud, and Age of the Oldest Stars*,” *Astrophys. J.*, **482**, 89 (1997).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Free-

- man, K. Griest, C. H. S. Lacy, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch “*The Macho Project LMC Variable Star Inventory. V. Classification and Orbits of 611 Eclipsing Binary Stars,*” *Astron. J.*, **114**, 316 (1997)
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J.A. Guern, M.J. Lehner, S. Marshall, H.-S. Park, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*The MACHO Project: 45 Candidate Microlensing Events from the First Year Galactic Bulge Data*” *Astrophys. J.*, **479**, 119, (1997); Erratum: *Astrophys. J.*, **500** 522, (1998).
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, D. P. Bennett, P. A. Charles, K. Cook, K. C. Freeman, K. Griest, M. J. Lehner, M. Livio, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, K. A. Southwell, C. W. Stubbs, and W. Sutherland “*Optical identification of the LMC supersoft source RX J0527.8-6954 from MACHO project photometry,*” *Mon. Not. R. Astron. Soc.*, **291**, 13 (1997)
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, D. P. Bennett, P. A. Charles, K. Cook, D. O’Donoghue, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, M. Livio, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, K. A. Southwell, C. W. Stubbs, W. Sutherland and D. L. Welch “*Optical photometry of the eclipsing Large Magellanic Cloud supersoft source CAL87,*” *Mon. Not. R. Astron. Soc.*, **287**, 699 (1997)
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, D. P. Bennett, P. A. Charles, K. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, M. Livio, S. L. Marshall, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, K. A. Southwell, C. W. Stubbs, and W. Sutherland “*The X-ray Off-state of the Supersoft Source CAL 83 and its Interpretation,*” *Mon. Not. R. Astron. Soc.*, **286**, 483 (1997)
- C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch “*MACHO Project Photometry of RR Lyrae Stars in the Sagittarius Dwarf Galaxy,*” *Astrophys. J.*, **474**, 217 (1997).
- S. H. Rhie and D. P. Bennett “*Search for Earth-Mass Planets and Dark Matter; Too,*” *Nucl. Phys. B*, **51B**, 86 (1996).
- D. P. Bennett, C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, M. R. Pratt, P. J. Quinn, S. H. Rhie, A. W. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch “*A Binary Lensing Event Toward the LMC: Observations and Dark Matter Implications,*” *Nucl. Phys. B*, **51B**, 152 (1996).
- M. R. Pratt, C. Alcock, R. A. Allsman, D. R. Alves, T. S. Axelrod, A. Becker, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, J. A. Guern, M. J. Lehner, S. L. Marshall, D. Minniti, B. A. Peterson, P. J. Quinn, A. W. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch “*The MACHO Project 2nd Year LMC Microlensing Results and Dark Matter Implications,*” *Nucl. Phys. B*, **51B**, 131, (1996)
- D. P. Bennett and S. H. Rhie, “*Detecting Earth-Mass Planets with Gravitational Microlensing,*” *Astrophys. J.*, **472**, 660 (1996).
- C. Alcock, C. Akerlof, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J.A. Guern, M.J. Lehner, S. Marshall, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch, “*The MACHO Project Limits on Planetary Mass Dark Matter in the Galactic Halo from Gravitational Microlensing,*”

- Astrophys. J.*, **471**, 774 (1996).
- C. Alcock, R. Allsman, D. Alves, T. Axelrod, A. Becker, D. P. Bennett, G. C. Clayton, K. H. Cook, K. Freeman, K. Griest, J.A. Guern, D. Kilkenney, M.J. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch, “*The MACHO Project LMC Variable Star Inventory: IV. New R Coronae Borealis Stars*,” *Astrophys. J.*, **470**, 583 (1996).
- C. Alcock, R. Allsman, D. Alves, T. Axelrod, A. C. Becker, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J.A. Guern, M.J. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, D. Reiss, A. Rodgers, C. W. Stubbs, W. Sutherland, and D. Welch, “*Real-Time Detection and Multi-Site Observation of Gravitational Microlensing*,” *Astrophys. J. Lett.*, **463**, L67 (1996).
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, P. A. Charles, K. H. Cook, K. Freeman, K. Griest, J.A. Guern, M.J. Lehner, M. Livio, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, K. A. Southwell and W. Sutherland, “*Optical Variability of the LMC Supersoft Source RX J0513-69 from MACHO Project Photometry*,” *M.N.R.A.S.*, **280**, L49 (1996).
- C. Alcock, R. Allsman, T. Axelrod, D. Alves, A. Becker, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J. Guern, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Microlensing Event in Large Magellanic Cloud*,” *IAUC* **6485**, (1996).
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. C. Freeman, K. Griest, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, W. Sutherland, and D. Welch, “*The MACHO Project LMC Variable Star Inventory II: LMC RR Lyrae Stars-Pulsational Characteristics and Indications of a Global Youth of the LMC*,” *Astron. J.*, **111**, 1146, (1996).
- C. Alcock, R. Allsman, T. Axelrod, D. Alves, A. Becker, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J. Guern, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Probable Binary Microlensing Event*,” *IAUC* **6361**, (1996).
- C. Alcock, R. Allsman, T. Axelrod, D. Alves, A. Becker, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J. Guern, M. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Probable Gravitational Microlensing Event*,” *IAUC* **6312**, (1996).
- D. P. Bennett, C. Alcock, C. Akerlof, R. Allsman, T. Axelrod, K. H. Cook, K. Freeman, K. Griest, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*The MACHO Project Dark Matter Search*,” *ASP Conf. Proc.* 88: Symposium on Clusters, Lensing, and the Future of the Universe, V. Trimble, ed., p. 95 (1996).
- C. Alcock, C. Akerlof, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J.A. Guern, M.J. Lehner, S. Marshall, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*The MACHO Project First Year LMC Results: the Microlensing Optical Depth and Nature of the Dark Halo*,” *Astrophys. J.*, **461**, 84, (1996).
- D. P. Bennett and S. H. Rhie, “*Is There Evidence for Repeating Gamma Ray Bursters in the BATSE Data?*” *Astrophys. J.*, **458**, 293, (1996).
- J. Hart, J. van Harmelen, G. Hovey, K. Freeman, B. Peterson, T. Axelrod, P. Quinn, A. Rodgers, R. Allsman, C. Alcock, D. P. Bennett, K. H. Cook, K. Griest, S. Marshall, M. R. Pratt, C. W. Stubbs, and W. Sutherland, “*The Telescope System of the MACHO Program*,” *P.A.S.P.*, **108**, 220 (1996).
- C. Alcock, R. Allsman, T. Axelrod, D. Alves, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, J. Guern, M.J. Lehner, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*First Observation of Parallax in a Gravitational Mi-*

- rolensing Event,” Astrophys. J. Lett.*, **454**, L125, (1995).
- C. Alcock, C. Akerlof, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Experimental Limits on the Dark Matter Halo of the Galaxy from Gravitational Microlensing*,” *Phys. Rev. Lett.*, **74**, 2867, (1995).
- D. P. Bennett, C. Alcock, C. Akerlof, R. Allsman, T. Axelrod, K. H. Cook, K. Freeman, K. Griest, S. Marshall, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Recent Developments in Gravitational Microlensing and the Latest MACHO Results: Microlensing Towards the Galactic Bulge*,” AIP Conference Proceedings 336: Dark Matter; S. S. Holt, C. L. Bennett, eds., p. 77, (1995)
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, N. W. Evans, K. Freeman, K. Griest, M. Lehner, S. Marshall, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Theory of Exploring the Dark Halo with Microlensing I: Power-Law Models*,” *Astrophys. J.*, **449**, 28, (1995).
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, W. Sutherland, and D. L. Welch, “*The MACHO Project LMC Variable Star Inventory: I. Beat Cepheids - Conclusive Evidence for the Excitation of the Second Overtone in Classical Cepheids*,” *Astron. J.*, **109**, 1653, (1995).
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, D. Reynolds, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Gravitational Microlensing Events*,” *IAUC* **6155**, (1995).
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Probable Gravitational Microlensing Towards the Galactic Bulge*,” *Astrophys. J.*, **445**, 133, (1995).
- W. Sutherland, C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, S. Perlmutter, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, and C. W. Stubbs, “*Gravitational microlensing results from MACHO*,” *Nucl. Phys.*, **B38**, 379, (1995).
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, D. Reynolds, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Possible Gravitational Microlensing Event*,” *IAUC* **6095**, (1994).
- C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, B. Peterson, M. R. Pratt, P. Quinn, D. Reynolds, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Possible Gravitational Microlensing Event*,” *IAUC* **6068**, (1994).
- C. Akerlof, C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. H. Cook, K. Freeman, K. Griest, S. Marshall, H. S. Park, B. Peterson, M. R. Pratt, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Application of Cubic Splines to the Spectral Analysis of Unequally Spaced Data*,” *Astrophys. J.*, **436**, 787, (1994).
- C. Alcock, C. Akerlof, R. Allsman, T. Axelrod, D. P. Bennett, S. Chan, K. H. Cook, K. Freeman, K. Griest, S. Marshall, H. S. Park, S. Perlmutter, B. Peterson, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*Possible Gravitational Microlensing of a Star in the Large Magellanic Cloud*,” *Nature* **365**, 621, (1993).
- D. P. Bennett, C. Akerlof, C. Alcock, R. Allsman, T. Axelrod, K. H. Cook, K. Freeman, K. Griest, S. Marshall, H. S. Park, S. Perlmutter, B. Peterson, P. Quinn, A. Rodgers, C. W. Stubbs, and W. Sutherland, “*The First Data from the MACHO Experiment*,” *Ann. N.Y. Acad. Sci.* **688**, 612, (1993).

- D. P. Bennett and S. H. Rhie, “*COBE’s Constraints on the Global Monopole and Texture Theories of Cosmic Structure Formation*”, *Astrophys. J. Lett.*, **406**, L7 (1993).
- D. P. Bennett, F. R. Bouchet and A. Stebbins, “*The Implications of the COBE-DMR Results for Cosmic Strings*”, *Astrophys. J. Lett.*, **399**, L11 (1992).
- C. W. Stubbs, S. Marshall, K. H. Cook, R. Hills, C. Alcock, R. Allsman, T. Axelrod, D. P. Bennett, K. Freeman, K. Griest, H. S. Park, S. Perlmutter, B. Peterson, P. Quinn, A. Rodgers, and W. Sutherland, “*A 32 megapixel dual color CCD imaging system*,” *Proc. SPIE*, **1900**, 192, (1993).
- S. H. Rhie and D. P. Bennett, “*Hopf Textures*”, Center for Particle Astrophysics Preprint CfPA-Th-91-010, submitted to *Phys. Rev. D*, (1993).
- K. Griest, C. Alcock, T. Axelrod, D. P. Bennett, K. Cook, H. Park, C. Stubbs, K. Freeman, B. Peterson, P. Quinn, and A. Rodgers, “*Gravitational Microlensing as a Method of Detecting Disk Dark Matter and Faint Disk Stars*”, *Astrophys. J.*, **372**, L79, (1991).
- D. P. Bennett and F. R. Bouchet, “*Constraints on the Gravity Wave Background Generated by Cosmic Strings*”, *Phys. Rev. D***43**, 2733, (1991).
- D. P. Bennett, C. Alcock, T. Axelrod, K. Cook, H. Park, K. Griest, C. Stubbs, K. Freeman, B. Peterson, P. Quinn, and A. Rodgers, “*A Search for Massive Compact Halo Objects in Our Galaxy*”, AIP Conference Proceedings No. 222, “*After the First Three Minutes*,” S. S. Holt, C. L. Bennett, and V. Trimble, eds., American Institute of Physics, (1991).
- S. H. Rhie, and D. P. Bennett, “*Global Monopoles Do Not Collapse*”, *Phys. Rev. Lett.*, **67**, 1173, (1991).
- D. P. Bennett and F. R. Bouchet, “*Numerical Smoothing in Cosmic String Evolution Codes: Reply to Turok and Albrecht*”, submitted to *Phys. Rev. D*, (1990).
- D. P. Bennett and S. H. Rhie, “*Cosmological Evolution of Global Monopoles and the Origin of Large Scale Structure*”, *Phys. Rev. Lett.*, **65**, 1709, (1990).
- D. P. Bennett, “*High Resolution Simulations of Cosmic String Evolution: Numerics and Long String Evolution*”, Proceedings of the Symposium on “*The Formation and Evolution of Cosmic Strings*,” held in Cambridge, England, July, 1989, G. W. Gibbons, S. W. Hawking, and T. Vachaspati, eds., Cambridge University Press, (1990).
- D. P. Bennett and F. R. Bouchet, “*High Resolution Simulations of Cosmic String Evolution I: Network Evolution*”, *Phys. Rev. D***41**, 2408, (1990).
- F. R. Bouchet and D. P. Bennett, “*Galaxy Formation from Kinky Cosmic Strings*”, *Astrophys. J.*, **354**, L41, (1990).
- J. R. Gott III, C. Park, R. Juszkiewicz, W. E. Bies, D. P. Bennett, F. R. Bouchet, and A. Stebbins, “*Topology of Microwave Background Fluctuations: Theory*”, *Astrophys. J.*, **352**, 1, (1990).
- F. R. Bouchet and D. P. Bennett, “*The Millisecond Pulsar Constraint on Cosmic Strings*”, *Phys. Rev.*, **D41**, 720, (1990).
- D. P. Bennett and F. R. Bouchet, “*Cosmic String Evolution*”, *Phys. Rev. Lett.*, **63**, 2776, (1989).
- D. P. Bennett and F. R. Bouchet, “*The Two-Point Correlation Function of Cosmic String Loops*”, *Phys. Rev. Lett.*, **63**, 1334, (1989).
- F. R. Bouchet and D. P. Bennett, “*Properties of Interacting Cosmic String Networks*”, *Proceedings of the Yale Workshop on Cosmic Strings*, (1989).
- F. R. Bouchet, D. P. Bennett, and A. Stebbins, “*Patterns of the Cosmic Microwave Background from Evolving String Networks*”, *Nature*, **335**, 410, (1988).
- D. P. Bennett and F. R. Bouchet, “*Evidence for a Scaling Solution in Cosmic String Evolution*”, *Phys. Rev. Lett.*, **60**, 257, (1988).
- D. P. Bennett, “*Cosmic Strings*”, *Proceedings of the 20th YAMADA Conference on the Big Bang*,

- Active Nuclei and Supernovae*, (eds. S. Hayakawa and K. Sato) p. 95 (Universal Academy Press, Tokyo, 1989).
- D. P. Bennett and F. R. Bouchet, “*Cosmic Strings: A Problem or a Solution?*”, *Proceedings of the NATO ASI, “The Post-Recombination Universe”*, (eds. Kaiser and Lasenby), p. 351 (Kluwer, Dordrecht, 1988).
- F. R. Bouchet and D. P. Bennett, “*Is Cosmic String Domination of the Universe Avoidable?*”, *Proceedings of IAU Symposium No. 130, “Large Scale Structures of the Universe,”* (eds. Audouze, et al.) p. 289 (Kluwer, Dordrecht, 1988).
- D. P. Bennett, “*Evolution of Cosmic Strings II*”, *Phys. Rev.*, **D34**, 3592, (1986).
- D. P. Bennett and A. Stebbins, “*Arc Minute Gravitational Lenses and Cosmic Strings*”, *Nature*, **324**, 392, (1986).
- D. P. Bennett, “*The Evolution of Cosmic Strings*”, *Phys. Rev.*, **D33**, 872, (1986).
- D. P. Bennett, “*Monopole Induced Baryon Number Violation in ‘Realistic’ Grand Unified Theories*”, *Phys. Rev.*, **D31**, 2323, (1985).
- D. P. Bennett, R. W. Brown, and S. E. Stansfield, J. D. Stroughair, and J. L. Bona, “*The Stability of Internal Solitary Waves*”, *Math. Proc. Camb. Phil. Soc.*, **94**, 351, (1983).
- D. Bennett, A. R. Bishop, and S. E. Trullinger, “*Coherence and Chaos in the Driven, Damped Sine-Gordon Chain*”, *Z. Phys.*, **B47**, 265, (1982).

COLLABORATIONS

- Microensing Planet Finder (MPF), proposed space mission, 2000-present
 Role: Principle Investigator
 other team members include: Edward Cheng (Deputy PI), John Mather (Nobel Laureate and Science Team Steering Committee co-char), Domenick Tenerelli (Spacecraft Director)
- MOA Collaboration, 2004-present
 Role: member
- PLANET Collaboration, 2004-present
 Role: Leadership Team Member
- Microensing Planet Search (MPS), 1997-2003
 Role: Principle Investigator
- MACHO Collaboration, 1990-present
 Role: Founding Member

GRANTS AWARDED

- NASA Origins Grant # NNX07AL71G “*Gravitational Microlensing Planet Search Observations and Analysis*”,
 Principal Investigator: D. P. Bennett
 May, 2007 - May, 2010
- NSF Galactic Astronomy Grant #AST-0708890 “*Analysis and Interpretation of Planetary Gravitational Microlensing Events*”,
 Principal Investigator: D. P. Bennett
 May 2007 - April, 2010
- Hubble Space Telescope Cycle 14 Grant # 10544 “*Resolved Images of LMC Microlensing Events Observed by a Telescope at 2 AU from Earth*”,
 Principal Investigator: D. P. Bennett

November, 2005 - October, 2007

Hubble Space Telescope Cycle 13 Grant # 10426 “*High resolution Follow-up Observations of the Microlensing Event OGLE 2003-BLG-235/MOA 2003-BLG-53*”,
Principal US Investigator: D. P. Bennett
June, 2005 - May, 2007

Hubble Space Telescope Director’s Discretionary Time Grant # 9691 “*Resolution of the Source Star for a Candidate Planetary Microlensing Event*”,
Principal Investigator: D. P. Bennett
August, 2003 - July, 2005

NSF Galactic Astronomy Grant # AST-0206189 “*Observations and Analysis of Exotic Gravitational Microlensing Events*”,
Principal Investigator: D. P. Bennett
August, 2002 - July, 2007

NASA Origins Grant # NAG5-13042 “*A Search for Extra-Solar Planets with a Global Microlensing Follow-up Network*”,
Principal Investigator: D. P. Bennett
April, 2003 - March, 2008

Hubble Space Telescope Cycle 11 Grant # 9445 “*Gravitational Microlensing in the NGC 3314A-B Galaxy Pair*”,
Principal Investigator: D. P. Bennett
July, 2002 - June, 2005

Hubble Space Telescope Director’s Discretionary Time Grant # 9307 “*Possible Resolution of Gravitationally Lensed Images Due to an Intermediate Black Hole in the Galactic Disk*”,
Principal Investigator: D. P. Bennett
December, 2001 - December, 2003

Hubble Space Telescope Cycle 9 Grant # 8654 “*Confirmation of a Black Hole, Planetary, and Binary Microlensing Events*”,
Principal Investigator: D. P. Bennett
July, 2000 - July, 2004

Hubble Space Telescope Director’s Discretionary Time Grant # 8490 “*Confirmation of a Gravitational Microlensing Black Hole Candidate*”,
Principal Investigator: D. P. Bennett
June, 2000 - May, 2001

NASA Origins Program Grant “*Gravitational Microlensing Planet Search Observations*”,
Principal Investigator: D. P. Bennett
April, 2000 - March, 2003

Research Innovation Award from the Research Corporation “*A Search for Extra-Solar Planets via Gravitational Microlensing*”,
Principal Investigator: D. P. Bennett
January, 1998 - December, 2002

NSF Galactic Astronomy AST-9619575 “*A Search for Extra-Solar Planets via Gravitational Microlensing*”,
Principal Investigator: D. P. Bennett
September, 1997 - August, 2000

LLNL Subgrant B336455 “*MACHO Project Data Analysis*”,
Principal Investigator: D. P. Bennett
March, 1997 - December, 1998

- CfPA Subgrant “*MACHO Project Research*”,
Principal Investigator: D. P. Bennett
February, 1997 - January, 2000
- Hubble Space Telescope Cycle 7 Grant # 7431 “*Snapshot Survey of Microlensed Source Stars*”,
Principal Investigator: D. P. Bennett
September, 1997 - November, 2000
- NASA Origins Program Grant “*Detection of Extra-Solar Planets via Gravitational Microlensing*”,
Principal Investigator: D. P. Bennett
July, 1997 - June, 2000
- NASA Theory Program Grant NRA-96-04-GSFC-107 “*Degree Scale CMBR Anisotropies from Topological Defect Theories of Cosmic Structure Formation*”,
Principal Investigator: D. P. Bennett
March, 1997 - February, 2000
- Hubble Space Telescope Cycle 6 Grant # 6756 “*Measuring Proper Motions of Galactic Microlenses*”,
Principal Investigator: D. P. Bennett
September, 1996 - September, 1998
- LLNL LDRD Lab-Wide Competition Grant #93-LW-056 “*The Production of Axionic Cold Dark Matter in the Early Universe*”,
Principal Investigator: D. P. Bennett
October, 1993 - September, 1994 Awarded March, 1993.
- IGPP-LLNL Grant #93-17 “*Cosmic Microwave Background Constraints on the Global Monopole and Texture Models of Cosmic Structure Formation*”,
Principal Investigators: D. P. Bennett and P. Lubin (UC, Santa Barbara)
October, 1992 - September, 1993
- IGPP-LLNL Grant #92-22 “*Cosmic Structure Formation Seeded by Global Monopoles and Textures*”,
Principal Investigators: D. P. Bennett and L. Hernquist (UC, Santa Cruz)
October, 1991 - September, 1992

INVITED TALKS AT MAJOR CONFERENCES

- Manchester Microlensing Conference 2008, University of Manchester, Manchester, UK, Jan. 21-25, 2008,
Invited talk entitled: “Modelling Planetary Microlensing Events”
- Gordon Research Conference on Origin of Solar Systems, Mount Holyoke College, South Hadley, MA, July 8-13, 2007,
Invited talk entitled: “Results from Gravitational Lensing”
- 2007 Gravitational Microlensing Workshop, Daejeon, Republic of Korea, Jan. 15-17, 2007,
Invited talk entitled: “Characterization of Microlensing Planetary Host Stars”
- International Workshop on Gravitational Microlensing, Nagoya, Japan, Jan. 16-19, 2006,
Invited talk entitled: “Summary of MACHO Collaboration on the LMC and Galactic Bulge”
- International Workshop on Gravitational Microlensing, Nagoya, Japan, Jan. 16-19, 2006,
Invited talk entitled: “Search for Planets from Space (the Microlensing Planet Finder)”
- Space Telescope Science Institute May Symposium: A Decade Of Extrasolar Planets Around Normal Stars, Baltimore, MD, May 2-5, 2005,
Invited talk entitled: “Microlensing Planets, on the Ground and in Space”
- Science with LSST and Other Large Surveys, Seattle, Washington, Sept. 20-22, 2004,
Invited talk entitled: “Microlensing Alerts and Follow-up: Lessons for the LSST”

Hawaiian Gravitational Microlensing Workshop 2004, Honolulu, HI, Jan. 17-19, 2004,
 Invited talk entitled: “OGLE-2003-BLG-235/MOA-2003-BLG-53: A Definitive Planetary
 Microlensing Event”

Hawaiian Gravitational Microlensing Workshop 2004, Honolulu, HI, Jan. 17-19, 2004,
 Invited talk entitled: “The GEST Mission”

Nagoya Conference on Cosmic Rays and Dark Matter, Nagoya, Japan, July 28-30, 2003,
 Invited talk entitled: “Space-based Microlensing Search for Terrestrial Extrasolar Planets”

XIXth Institut d’Astrophysique de Paris Colloquium: Extra-Solar Planets Today and Tomorrow, Paris,
 France, June 30-July 4, 2003,
 Invited talk entitled: “The Detection of Extra-Solar Planets via Ground- and Space-based
 Gravitational Microlensing”

SPIE Meeting on Astronomical Telescopes and Instrumentation, Waikoloa, Hawaii, Aug. 22-28,2002,
 Invited talk entitled: “The Galactic Exoplanet Survey Telescope”

199th Meeting of the American Astronomical Society, Washington, D.C., Jan. 6-10,2002,
 Invited talk entitled: “Detection of Terrestrial Extra-Solar Planets via Gravitational Microlens-
 ing”

Techniques for the Detection of Planets and Life Beyond the Solar System, Edinburgh, Scotland, Nov.
 7-8, 2001,
 Invited talk entitled: “The discovery of Extra-Solar Planets via Gravitational Microlensing”

XXth Moriond Astrophysics Meeting: L2K - Cosmological Physics with Gravitational Lensing, Les
 Arcs, France, March 11-18, 2000,
 Invited talk entitled: “Gravitational Microlensing from Space”

Gordon Research Conference on Origin of Solar Systems, Henniker, NH, June 13-18, 1999,
 Invited talk entitled: “Gravitational Microlensing and Photometric Detection”

Workshop on the Future of Antarctic Astrophysics, American Astronomical Society Meeting 192, San
 Diego, CA, June 7-11, 1998,
 Invited talk entitled: “Gravitational Microlensing Planet Searches from an Antarctic Site”

Sources and Detection of Dark Matter in the Universe, the 3rd International Symposium, Marina del
 Rey, CA, February 18-20, 1998,
 Invited talk entitled: “Latest MACHO Results”

The 4th International Workshop on Microlensing Surveys, Paris, France, January 15-17, 1998,
 Invited talk entitled: “Parallax Effects and Limits for 200+ Microlensing Events”

23rd IAU General Assembly - Joint Discussion 13: Detection and Study of Planets Outside the Solar
 System, Kyoto, Japan, August 25-26, 1997,
 Invited talk entitled: “Microlensing Searches”

IAU Symposium 183: Cosmological Parameters and the Evolution of the Universe, Kyoto, Japan, Au-
 gust 18-22, 1997,
 Invited talk entitled: “The MACHO Project Dark Matter Results from Four Years of Obser-
 vations”

Brown Dwarfs and Extra-Solar Planets, Puerto de la Cruz, Tenerife, Spain, March 17-21, 1997,
 Invited talk entitled: “Gravitational Microlensing”

The 3rd International Workshop on Gravitational Microlensing Surveys, Notre Dame, IN, March 6-8,
 1997,
 Invited talk entitled: “Summary of MACHO-GMAN Lensing Events”

Aspects of Dark Matter in Astrophysics and Particle Physics, Heidelberg, Germany, Sept. 16-20, 1996,
 Invited talk entitled: “The MACHO Project”

Critical Dialogues in Cosmology, Princeton, NJ, June 24-27, 1996,

Invited talk entitled: “MACHO Project Dark Matter Results”
 Berkeley-Strasbourg Workshop: The Role of Baryons in Cosmology, Berkeley, CA, March 25-29, 1996,
 Invited talk entitled: “MACHO Year-2 LMC Microlensing Results”
 Sources and Detection of Dark Matter in the Universe, Santa Monica, CA, Feb. 13-15, 1996,
 Invited talk entitled: “A Binary Lensing Event Toward the LMC: Observations and Dark Matter Implications”
 2nd International Workshop on Microlensing Surveys, Jan. 29-31, 1996, Orsay, France,
 Invited talk entitled: “The MACHO Project Second Year Gravitational Microlensing Results toward the Large Magellanic Cloud”
 IAU Symposium 173: The Astrophysics of Gravitational Lensing, Melbourne, Australia, July 9-14, 1995,
 Invited talk entitled: “Microlensing Parallaxes”
 Astronomical Society of the Pacific Symposium on Clusters, Lensing, and the Future of the Universe, College Park, MD, June 26-28, 1995,
 Invited talk entitled: “The MACHO Project Dark Matter Search”
 ITP Conference on Microwave Background Fluctuations, Santa Barbara, CA, Feb. 22-24, 1995,
 Invited talk entitled: “MACHO Update”
 Workshop on the Future of Microlensing Surveys, Livermore, CA, Jan. 13-15, 1995,
 Invited talk entitled: “MACHO Microlensing Results Toward the Bulge”
 The 17th Texas Symposium on Relativistic Astrophysics, Munich, Germany, Dec. 12-17, 1994,
 Invited talk entitled: “Microlensing Towards the Galactic Bulge and the Large Magellanic Cloud”
 5th Conference on the Intersections of Particle and Nuclear Physics, St. Petersburg, FL, May 31 - June 6, 1994,
 Invited talk entitled: “The Search for Dark Matter in Our Galaxy via Gravitational Microlensing”
 PASCOS 1994: An International Symposium on Particles, Strings, and Cosmology, Syracuse, NY, May 19-24, 1994,
 Invited talk entitled: “The Search for MACHOs”
 Critique of the Sources of Dark Matter in the Universe, Santa Monica, CA, Feb. 16-18, 1994,
 Invited talk entitled: “Results from the MACHO Experiment”
 Cornelius Lanczos Centenary Conference, North Carolina State University, Raleigh, NC, December 12-17, 1993,
 Invited talk entitled: “Probable Detection of Gravitational Microlensing by MACHOs”
 Capri Cosmic Microwave Background Workshop, Anacapri, Italy, Sept. 20-24, 1993, Talk entitled: “A Candidate Microlensing Event Toward the Large Magellanic Cloud”
 181st Meeting of the American Astronomical Society, Phoenix, AZ, Jan. 3-7, 1993, Talk entitled: “ $\Delta T/T$ from Topological Defect Theories of Cosmic Structure Formation”
 Texas/PASCOS Meeting, Berkeley, CA, Dec. 13-17, 1992,
 Invited talk entitled: *First Results from the MACHO Experiment*
 Cosmic Microwave Background Workshop, Berkeley, CA, Dec. 11-12, 1992, Talk entitled: “ $\Delta T/T$ from Topological Defect Theories of Cosmic Structure Formation”
 COBE Workshop, Princeton, NJ, June 12-13, 1992,
 Invited talk entitled: “ $\Delta T/T$ and Large Scale Structure Generated by Global Monopoles and Texture”
 PASCOS-91: The Second International Symposium on Particles, Strings, and Cosmology, Northeast-

ern University, Boston, MA, March 28-April 1, 1991,
 Invited talk entitled: *“Large Scale Structure from Cosmic Strings and Global Monopoles”*
 Trends in Astroparticle Physics, University of California, Los Angeles, CA, November 28-December
 1, 1990,
 Invited talk entitled: *“Global Monopoles and the Origin of Large Scale Structure”*
 After the First Three Minutes, An Astrophysics Workshop, University of Maryland, College Park, MD,
 October 15-17, 1990,
 Invited talk entitled: *“A Search for Massive Compact Halo Objects in the Halo of Our
 Galaxy”*
 The Second Rencontre de Blois on Physical Cosmology, Chateau d’Blois, Blois, France, August 27-
 September 1, 1990.
 Workshop on the Impact of Pulsar Timing on Relativity and Cosmology, Berkeley, CA,
 June 7-9, 1990.
 Invited talk entitled: *“The Cosmic String Gravitational Wave Background.”*
 Aspen Winter Physics Conference on Cosmic Background Radiation, Aspen, CO,
 January 20-27, 1990. Invited talk entitled: *“The Status of String Scenarios”*.
 Symposium on the Formation and Evolution of Cosmic Strings, DAMTP, University of Cambridge,
 Cambridge, England, July 2-9, 1989,
 Invited talk entitled: *“High Resolution Simulations of Cosmic String Evolution”*.
 Cosmic Microwave Background Workshop, Yale University, New Haven, CT, May 4-5, 1989,
 Invited talk entitled: *“Microwave Background Anisotropies from Cosmic Strings”*.
 Computing Cosmologies Workshop, Canadian Institute for Theoretical Astrophysics, Toronto, Ont.,
 Canada, March 28-31, 1989,
 Invited talk entitled: *“Numerical Simulation of Cosmic Strings”*.
 1988 Meeting of the Division of Particles and Fields of the American Physical Society, Storrs, CT,
 August 15-18, 1988,
 Invited talk entitled: *“Cosmic String Evolution”*.
 Cosmic String Workshop, Yale University, New Haven, CT, May 6-7, 1988,
 Invited talk entitled: *“Numerical Simulation of Cosmic String Evolution”*.
 20th Yamada Conference: *“The Big Bang, Active Galactic Nuclei, and Supernova”*, Tokyo, Japan,
 March 27-April 2, 1988, Invited talk entitled: *“Cosmic Strings”*.
 Los Alamos Galaxy Formation Workshop, Taos, NM, January 3-9, 1988,
 Contributed talk entitled: *“Numerical Simulation of Cosmic String Evolution”*.
 NATO Advanced Study Institute, *“The Post-Recombination Universe”*, Cambridge, England, July 27-
 August 7, 1987,
 Contributed talk entitled: *“Cosmic Strings: A Problem or a Solution?”*
 Cosmic String Workshop, Fermilab, Batavia, Ill. December 10-12, 1986
 Invited talk entitled: *“Evolution of Cosmic Strings”*.
 Aspen Summer Workshop on Cosmic Strings and Inflation, Aspen, Co. July 14-31, 1986
 Invited talk entitled: *“Analytic Approach to the Evolution of Cosmic Strings”*.

NEWS RELEASES

David Bennett has played a leading role in the science behind the following news releases.

National Science Foundation Press Release 08-093: *“Small Planet, Small Star,”* June 2, 2008,

http://www.nsf.gov/news/news_summ.jsp?cntn_id=111642&org=NSF

National Science Foundation Press Release 08-021: *“A Newly Discovered Solar System Contains*

- Scaled-Down Versions of Saturn and Jupiter;" Feb. 14, 2008,
http://www.nsf.gov/news/news_summ.jsp?cntn_id=111093&org=NSF
- Hubble Space Telescope News Release STScI-2006-38: "Hubble Identifies Stellar Companion to Distant Planet;" Aug. 8, 2006,
<http://hubblesite.org/newscenter/archive/releases/2006/38/>
- National Science Foundation Press Release 06-014: "Closer to Home;" Jan. 25, 2006,
http://www.nsf.gov/news/news_summ.jsp?cntn_id=105759&org=NSF
- Hubble Space Telescope News Release STScI-2004-24: "Astronomers Measure Mass of a Single Star—First Since the Sun;" July 15, 2004,
<http://hubblesite.org/newscenter/archive/releases/2004/24/>
- NASA News Release 04-24: "Cosmic Magnifying Glass: Distant Star Reveals Planet;" Apr. 15, 2004,
<http://www.jpl.nasa.gov/releases/2004/103.cfm>
- Hubble Space Telescope News Release STScI-2000-03: "Lone Black Holes Discovered Adrift in the Galaxy;" Jan. 13, 2000,
<http://hubblesite.org/newscenter/archive/releases/2000/2000/03/results/50/>
- Lawrence Livermore National Laboratory News Release 96-06-03: "Scientists Propose Technique for Locating Earth-Sized Planets Near the Center of Our Galaxy;" June 17, 1996
- American Astronomical Society Meeting and Lawrence Livermore National Laboratory News Release 96-01-05: "Researchers Determine MACHOs May Comprise 50% of Galactic Dark Matter;" Jan. 16, 1996

PERSONAL INFORMATION

Born March 12, 1959
American citizen