

CURRICULUM VITAE

JOHN P. BLAKESLEE

NSF's National Optical-Infrared Astronomy Research Laboratory (NOIRLab)
 950 N. Cherry Ave., Tucson, AZ 85719, U.S.A.
 Phone: 1-520-318-8432
 Email: john.blakeslee@noirlab.edu

Education

1997 Ph.D., Physics, Massachusetts Institute of Technology (supervisor: Prof. John Tonry)
 1991 B. A., Physics, University of Chicago (Honors)

Employment History

2024 – present Director of Research and Science Services, NOIRLab
 2018 – present Tenured Astronomer, AURA Astronomy Centers (Gemini Observatory & NOIRLab)
 2020 – 2024 Head of Science Staff for Observatory Support, NSF's NOIRLab
 2017 – 2021 Chief Scientist, International Gemini Observatory, La Serena, Chile
 2008 – 2020 Adjunct Associate Professor, Department of Physics & Astronomy, University of Victoria
 2007 – 2020 Astronomer (Senior Research Officer), NRC Herzberg Institute of Astrophysics, Victoria
 2005 – 2007 Assistant Professor of Physics, Washington State University
 2004 – 2005 Research Scientist, Johns Hopkins University
 2000 – 2004 Associate Research Scientist, Johns Hopkins University
 1999 – 2000 Postdoctoral Research Associate, University of Durham, U.K.
 1996 – 1999 Fairchild Postdoctoral Scholar in Astronomy, California Institute of Technology

Fellowships and Awards

2023 Inaugural “Stellar Award” for exemplifying NOIRLab’s core values of Transparency, Respect, Empathy, Diversity & Inclusion, and Integrity & Ethics
 2004 Ernest F. Fullam Award for Innovative Research in Astronomy, Dudley Observatory
 2003 NASA Award for contributions to the success of HST Servicing Mission 3b
 1996 – 1999 Sherman M. Fairchild Postdoctoral Fellowship in Astronomy, Caltech

Professional Service

2022 Organizing Committee, Joint Observatories Kavli Science Forum in Chile
 2021 External Expert Reviewer, Treasury Proposals, James Webb Space Telescope, Cycle 1
 2020 AURA/AAS Satellite Constellations Mitigations Working Group
 2017 Panel Chair (Cosmology) and TAC Member, Hubble Space Telescope, Cycle 25
 2014 – 2017 Chair, Extragalactic Panel, NOAO Time Allocation Committee (TAC)
 2008 – 2017 National Representative, Gemini International Time Allocation Committee (ITAC)
 2016 Hubble Space Telescope Cycle 24 Midterm Proposal Reviewer
 2015 Chair, Local Organizing Committee, triennial Gemini Observatory Science Meeting
 2015 Review panel member, Hubble Space Telescope, Cycle 23
 2014 CFHT Large Program Agency Review Committee (LPARC)
 2013 National Science Foundation, AST grant review panel (Galactic Structure)
 2010 – 2013 Canada-France-Hawaii Telescope (CFHT) Science Advisory Council
 2012 Review panel member, Hubble Space Telescope, Cycle 20
 2011 National Science Foundation, AST grant review panel (Cosmology)
 2010 – 2011 Canadian National Observatories Time Allocation Committee (CanTAC)
 2009 Canadian Space Agency Discipline Working Group on Wide Field Imaging from Space

2006 – 2009 National Optical Astronomy Observatories (NOAO) Time Allocation Committee
 2004 Review panel member, Hubble Space Telescope, Cycle 13
 2001 Review panel member for NASA’s ADP and LTSA grant programs
 1999, 2001 External reviewer for the Chilean Research Council (FONDECYT)
 1996 – present Referee for ApJ, AJ, ApJ Letters, A&A, Ap&SS, MNRAS, PASP, Nature

Professional Affiliations

American Astronomical Society (1993 – present); Canadian Astronomical Society (2009 – 2021); International Astronomical Union (2006 – present).

US Grants as PI

“The JWST SBF Coma Cluster Survey: Building an Alternative Precision Distance Ladder for Cosmology,” NASA/STScI, JWST-GO-05989.012, (Nov 2024 – Oct 2026), \$191,000
 “A TRGB calibration of Surface Brightness Fluctuations,” NASA/STScI JWST-GO-03055.005, (Oct 2023 – Sep 2025), \$100,000
 “The Structure, Formation and Evolution of Galactic Cores and Nuclei,” NASA/STScI (Jun 2007 – May 2009), \$524,234
 “Calibration of ACS F814W Surface Brightness Fluctuations,” NASA/STScI (Jan 2007 – Jan 2009), \$36,500
 “The ACS Fornax Cluster Survey,” NASA/STScI (Dec 2005 – Dec 2007), \$219,500
 “Streaming Towards Shapley: The Mass of the Richest Galaxy Concentration in the Local Universe,” NASA/STScI (Dec 2005 – Dec 2007), \$246,103
 “Resolving the Connection Between Globular Clusters and Low-Mass X-ray Binaries,” NASA/STScI (Sep 2005 – Sep 2007), \$31,673
 “Measurements of Surface Brightness Fluctuation Gradients in Normal and Peculiar Early-type Galaxies,” NASA/STScI (Aug 2005 – Aug 2007), \$97,966
 “Galaxy Rulers Through a Cluster Lens: A New Approach to Weighing Galaxy Clusters,” Ernest F. Fullam Award, Dudley Observatory (Dec 2005 – Dec 2009), \$10,000

Astronomical Observing Experience

Classical observing: Numerous runs totaling 140+ nights, conducting optical/IR imaging & spectroscopy on the Keck I & II 10m, Gemini South 8m, Magellan Baade & Clay 6.5m, Palomar 200-inch & 60-inch, Cerro-Tololo Blanco 4m, Canada-France-Hawaii 3.6m, Apache Point 3.5m, La Silla MPG/ESO 2.2m, and MDM Observatory Hiltner 2.4m & McGraw-Hill 1.3m telescopes.

James Webb Space Telescope: Cycle 1, Co-I, *Do Massive Black Holes Come in Small Packages?* (40.2 hr); Cycle 2, Co-I, *A TRGB calibration of Surface Brightness Fluctuations* (46.5 hr).

Hubble Space Telescope: Principle Investigator for seven *HST* General Observer programs totaling 230 orbits (Cycles 13-25); Co-I of 25 other GO programs (administrative PI for three of these); Co-I of five Archival programs (admin PI for one); Co-I of 550-orbit ACS GTO program, Cycles 11–15. Investigation Definition Team, HST Advanced Camera for Surveys (2000–2007).

Other space-based: Co-I on several *Spitzer* (IR) & *Chandra* (X-ray) General Observer programs.

Queue observing: PI or Co-I of numerous queue programs with ALMA, CFHT, Gemini, IRAM, VLA & VLT.

Selected Professional Links

- ADS Publications: [All](#) – [Refereed](#) – [First-author](#)
- [Google Scholar](#)
- [ORCID](#)
- [A Passion for Telescopes](#)

NOIRLab Internal Committee Service, since 2020

NOIRLab Leadership Team, serving as Director of Science (2024–present)
RSS hiring committees: served on ten to date, eight as chair or co-chair (2020–2024)
Science Promotion Committee, Chair (2021–2024)
NOIRLab Tenure Committee (2020–2024)
Organized RSS staff for DD Time Review Committee after Gemini Chief Scientist departure (2023)
HR Succession Planning Committee (2022)
NOIRLab Five-Year Proposal Team, authored/edited/reviewed multiple sections (2021)
Co-lead of the “Big Picture” section for the initial NOIRLab Strategic Vision (2020)

Teaching Experience

Astronomy 255: Introduction to Planetary Science, University of Victoria (spring 2017)
GREAT-ITN International Summer School of Astrophysics 2012, Lecturer (Teramo, Italy, June 2012)
Astronomy 580: Topics in Extragalactic Astronomy, University of Victoria (fall 2008, co-taught)
Astronomy 150: Science and the Universe, WSU (spring 2007)
Astronomy 138: Planets and Planetary Systems, WSU (spring 2006, fall 2006)
Physics 617: Extragalactic Astronomy, Johns Hopkins University, Guest Lecturer (spring 2005)
Physics 8.022: Honors Introductory Electromagnetism, MIT, Teaching Assistant (spring 1992)
Physics 8.03: Vibrations and Waves, MIT, Teaching Assistant (fall 1991)

Students and Postdocs Supervised

Nandini Hazra, PhD student, visiting from Gran Sasso Science Institute, Italy (Mar 2023 – Jun 2023)
Camille Bentaj, Master’s thesis project completed, Sorbonne University, Paris (Mar 2020 – July 2020)
Blanka Nyiri, undergraduate co-op student, Waterloo University, Canada (Sep 2016 – Dec 2016)
Hyejeon Cho, PhD completed, Yonsei University, Korea (May 2009 – June 2016)
Stephanie Ciccone, undergraduate co-op student, McMaster University, Canada (Sep 2015 – Jan 2016)
Karla Alamo-Martinez, PhD completed, UNAM, Mexico (Mar 2012 – Jan 2014)
Regina Barber, PhD completed, Washington State University (Jan 2006 – July 2011)
Anna Delahaye, undergraduate co-op student, University of Victoria, Canada (Sep 2009 – Dec 2009)
Christopher Springob, postdoctoral fellow, Washington State University (Sep 2007 – Aug 2008)
Hyun-chul Lee, postdoctoral fellow, Washington State University (Jul 2007 – Apr 2008)
Amanda Roberts, Research Experience for Undergraduates, Whitman College (summer 2007)
Michele Cantiello, PhD student, JHU (2004); postdoctoral fellow, WSU (Jul 2006 – Jun 2007)
Simona Mei, assistant research scientist, JHU (2004)
Kerry Zekser, graduate student, JHU, co-supervisor (2002–2003)

Public Lectures and Engagement

“Meet an Astronomer,” Presentation for NOIRLab Headquarters public tour (2 Aug 2024)
Tucson Festival of Books, NOIRLab volunteer guide for solar observing (9 Mar 2024)
Tucson Festival of Books, NOIRLab volunteer guide for solar observing (5 Mar 2023)
“Resolving a Discrepancy in the Hubble Constant,” *365 Days of Astronomy* podcast (13 Nov 2021)
“How Fast is the Universe Expanding and Why Do We Care?” Live from NOIRLab, youtube (1 Sep 2021)
“Gemini Overview,” Astronomy in Chile Educator Ambassadors Program, La Serena (30 Jul 2019)
“Our Place in the Cosmos,” Molokai Public Library, Island of Molokai, Hawaii (23 May 2019)

“Gemini Overview,” Astronomy in Chile Educator Ambassadors Program, La Serena (11 Jun 2018)
 “The 2017 Solar Eclipse,” NASA Subject Matter Expert, campground in Logsden, Oregon (21 Aug 2017)
 “Giant Galaxies from Near to Far,” Gemini Observatory, La Serena, Chile (9 May 2017)
 “A Quick Tour of the Universe,” St. Joe’s Youth Group, Victoria, BC, (18 Mar 2017)
 “The MASSIVE Galaxy Survey,” Royal Astronomical Society of Canada, Victoria chapter, (11 Jan 2017)
 “Dante’s Universe: Astronomy in the Divine Comedy,” St. Joseph the Worker, Victoria, BC (25 Mar 2016)
 “A Quarter Century of Hubble in Space: A Personal Perspective,” Royal BC Museum, Victoria (25 Apr 2015)
 “That All Might See” (astronomy history), St. Edward’s Senior Group, Duncan, BC (27 Jan 2015)
 “A Tour of the Universe,” St. Edward’s Senior Group, Duncan, BC (20 Jan 2015)
 “Our Place in the Universe,” 1st Shawnigan Lake Cub Scout Pack, Shawnigan Lake, BC (12 Feb 2014)
 “Our Universe: The View from the Centre,” Centre of the Universe, Victoria, BC (2 lectures, 3 Aug 2013)
 “Venus Transit Reprise: The Quest to Discover the Scale of the Universe,” Cowichan Valley Star Finders’
 Island Star Party, Cowichan Station, BC (21 Jul 2012)
 “The Transit of Venus and the Quest for the Scale of the Universe,” CU, Victoria, BC (5 Jun 2012)
 “Reflections on the Universe,” St. Edward’s Youth Group, Duncan, BC (1 Oct 2011)
 “An Epistemology of Planets & Diverse Other Cosmic Verses,” Royal Astronomical Society of Canada, Victoria
 chapter, annual star party, Metchosin, BC (30 Jul 2011)
 “Hubble’s Greatest Hits,” Centre of the Universe, Victoria, BC (28 Aug 2010)
 “Galileo: History, Controversy, and Legacy,” Centre of the Universe (CU), Victoria, BC (25 Jul 2009)
 “Highlights from the First 3 Years of the Hubble ACS,” Palouse Astron. Society, Pullman, WA (Oct 2005)
 “The Hubble Space Telescope,” 4H Rocket Club, Baltimore, MD (May 2004)

Colloquia, Invited, and Contributed Talks (since 2005)

Invited Seminar, “Building an Alternative Precision Distance Ladder with JWST,” U. Arizona (Nov 2023)
 Invited talk, Tensions in Cosmology, Corfu, Greece (Sep 2022)
 Invited talk, SNOWMASS Cosmology Intertwined Workshop (virtual), Fermilab (Nov 2021)
 Invited talk, *K-GMT Large Telescope Users Meeting*, Virtual meeting (Nov 2020)
 Invited talk, *International Coordination of Multi-Messenger/Transient Observations*, Cape Town (Feb 2020)
 Invited talk, *Science Opportunities with GNAO*, AAS Splinter Session, Honolulu, HI (Jan 2020)
 Invited talk, *AEON: Progress in Networking Observatories*, AAS Splinter Session, Honolulu, HI (Jan 2020)
 Invited talk, *Multi-Messenger/Time-Domain Astronomy Communications Summit*, Baltimore (Nov 2019)
 Invited talk, *Tensions between the Early and the Late Universe*, KITP, Santa Barbara (Jul 2019)
 Contributed talk, *Towards Science in Chile with LSST*, University of La Serena, Chile (Mar 2019)
 Invited talk, *K-GMT Large Telescope Users Meeting*, Daejeon, South Korea (Feb 2019)
 Invited talk, *Wide Field Astronomy in Canada*, Perimeter Institute, Waterloo, ON (Oct 2018)
 Colloquium, NOAO/Stewart Observatory joint science colloquium, Tucson, AZ (Sep 2018)
 Invited talk, *Science & Evolution of Gemini Observatory*, San Francisco, CA (July 2018)
 Invited talk, *K-GMT Large Telescope Users Meeting*, Daejeon, South Korea (Feb 2018)
 Contributed talk, *Clusters 2017*, Santander, Spain (July 2017)
 Colloquium, Gemini Observatory, Hawaii Base Facility, Hilo, Hawaii (Nov 2016)
 Contributed talk, *Uncovering the Transformational Physics of Galaxies*, Hobart, TAS, Australia (Sep 2016)
 Colloquium, Department of Astronomy, University of Washington, Seattle, WA (May 2016)
 Invited Talk, *International Workshop on Galaxy Clusters and Galaxy Formation*, Seoul, Korea (Oct 2015)
 Contributed talk, *The Future and Science of Gemini Observatory* Toronto, ON (June 2015)

Colloquium, Utah Valley University, Orem, UT (Feb 2015)

Colloquium, Institute of Astrophysics, Pontificia Universidad Catolica de Chile, Santiago (Nov 2014)

Invited Talk, *Evolution of Stellar Populations in Globular Clusters & Galaxies*, Seoul, Korea (June 2014)

Invited Talk, *The Cosmic Distance Scale*, STScI Workshop, Baltimore, MD (April 2014)

Colloquium, San Diego State University, San Diego, CA (February 2014)

Colloquium, Western Washington University, Bellingham, WA (December 2013)

Invited talk, *Cosmic Flows: Observations and Simulations*, Marseille, France (June 2013)

Contributed talk, *Small Stellar Systems: from Globular Clusters to Dwarf Galaxies*, Prato, Italy (June 2013)

Invited talk, *IAU Symp. 289: Advancing the Physics of Cosmic Distances*, Beijing, China (August 2012)

Invited lecture, *The Fundamental Cosmic Distance Ladder and Transient Sky*, Teramo, Italy (June 2012)

Invited review, *The Fundamental Cosmic Distance Scale: Gaia Perspective*, Naples, Italy (May 2011)

Seminar, Yonsei University, Seoul, South Korea (November 2010)

Invited talk, *Science with the Hubble Space Telescope III*, Venice, Italy (October 2010)

Colloquium, Swinburne University, Melbourne, Australia (September 2010)

Invited review, *Cosmic Co-Motion: Peculiar Velocities in the Universe*, Couran Cove, Australia (Sep 2010)

Colloquium, University of Western Ontario, London, ON, Canada (May 2010)

Colloquium, Yonsei University, Seoul, South Korea (May 2009)

Seminar, Gemini Observatory, Southern Base Facility, La Serena, Chile (March 2009)

Seminar, Teramo Observatory, Italy (Sep 2008)

Invited review, *Probing Stellar Populations out to the Distant Universe*, Cefalù, Italy (Sep 2008)

Invited science talk, HIA Advisory Board Meeting, Victoria, Canada (Feb 2008)

Invited talk, *Tracing Cosmic Evolution with Clusters of Galaxies*, Sesto, Italy (June 2007)

Colloquium, University of Idaho, Moscow, ID (April 2007)

Colloquium, Herzberg Institute of Astrophysics, Victoria, Canada (March 2007)

Colloquium, University of North Carolina, Chapel Hill, NC (March 2007)

Invited talk, Advanced Camera for Surveys Science Meeting, Jackson, Wyoming (Sep 2006)

Contributed talk, *Cosmic Frontiers* conference, Durham, UK (July 2006)

Contributed talk, *Galaxies and Structures through Cosmic Times*, Venice, Italy (March 2006)

Invited talk, Advanced Camera for Surveys Science Meeting, Aspen, Colorado (Sep 2005)

Seminar, Center for Astrophysical Sciences, Johns Hopkins U., Baltimore, MD (April 2005)

Colloquium, National Optical Astronomy Observatories, Tucson, AZ (Feb 2005)

Colloquium, Washington State University, Pullman, WA (Feb 2005)

Colloquium, Pennsylvania State University, State College, PA (Feb 2005)

Popular Level Science Writing

“Gemini Science,” *The NOIRLab Mirror*, Vol. 1, p. 4, June 2020.

“Gemini North and South Join in Welcoming Solar System’s First Interstellar Emissary,” *Gemini Focus*, Issue 70, p. 4, January 2018.

“Science Highlights,” *Gemini Focus*, authored a regular column, published quarterly, summarizing 3 to 4 scientific results per issue, Jan 2018 through Jan 2020 (final issue before NOIRLab merger).

John P. Blakeslee – Bibliography

232 refereed publications with 27,680 citations; h -index = 81 (based on ADS)

Refereed Publications: First Author and Major Contributions

80. *The Next Generation Virgo Cluster Survey (NGVS). XVIII. A Catalog of Surface Brightness Fluctuation Distances and the Three-Dimensional Distribution of Galaxies in the Virgo Cluster*
Cantiello, M., **Blakeslee, J. P.**, Ferrarese, L., Côté, P., Raimondo, G., Cuillandre, J.-C., Durrell, P. R., Hazra, N., Peng, E. W., Roediger, J. C., & Sánchez-Janssen, R. 2024, ApJ (nearly accepted).
79. *The MASSIVE survey. XVIII. Deep Wide-Field K-band Photometry and Local Scaling Relations for Massive Early-type Galaxies*
Quenneville, M. E., **Blakeslee, J. P.**, Ma, C.-P., Greene, J. E., Gwyn, S., Ciccone, S., & Nyiri, B. 2024, MNRAS, 527, 249.
78. *Unveiling the Universe with Emerging Cosmological Probes* (authored 10-page section)
Moresco, M., Amati, L., Amendola, L., Birrer, S., **Blakeslee, J. P.**, Cantiello, M., Cimatti, A., Darling, J., Della Valle, M., Fishbach, M., Grillo, C., Hamaus, N., Holz, D., Izzo, L., Jimenez, R., Lusso, E., Meneghetti, M., Piedipalumbo, E., Pisani, A., Poursidou, A., Pozzetti, L., Quartin, M., Risaliti, G., Rosati, P., & Verde, L. 2022, Living Reviews in Relativity, 25, 6.
77. *Infrared Surface Brightness Fluctuation Distances for MASSIVE and Type Ia Supernova Host Galaxies*
Jensen, J. B., **Blakeslee, J. P.**, Ma, C.-P., Milne, P. A., Brown, P. J., Cantiello, M., Garnavich, P. M., Greene, J. E., Lucey, J. R., Phan, A., Tully, R. B., & Wood, C.M. 2021, ApJS, 255, 21.
76. *The Hubble Constant from Infrared Surface Brightness Fluctuation Distances*
Blakeslee, J. P., Jensen, J. B., Ma, C.-P., Milne, P. A., & Greene, J. E. 2021, ApJ, 911, 65.
75. *The Next Generation Virgo Cluster Survey (NGVS). XVIII. Measurement and Calibration of Surface Brightness Fluctuation Distances for Bright Galaxies in Virgo (and Beyond)*
Cantiello, M., **Blakeslee, J. P.**, Ferrarese, L., Côté, P., Roediger, J. C., Raimondo, G., Peng, E. W., Gwyn, S., Durrell, P. R., & Cuillandre, J.-C. 2018, ApJ, 856, 126.
74. *The MASSIVE Survey. IX. Photometric Analysis of 35 High-Mass Early-type Galaxies with HST WFC3/IR*
Goullaud, C. F., Jensen, J. B., **Blakeslee, J. P.**, Ma, C.-P., Greene, J. E., & Thomas, J. 2018, ApJ, 856, 11 (PI of the HST program).
73. *A Precise Distance to the Host Galaxy of the Binary Neutron Star Merger GW170817 Using Surface Brightness Fluctuations*
Cantiello, M., Jensen, J. B., **Blakeslee, J. P.**, Berger, E., Levan, A. J., Tanvir, N. R., Raimondo, G., Brocato, E., Alexander, et al. 2018, ApJ, 854, L31.
72. *Specific Frequencies and Luminosity Profiles of Cluster Galaxies and Intracluster Light in Abell 1689*
Alamo-Martínez, K. A., & **Blakeslee, J. P.** 2017, ApJ, 849, 6.
71. *Galactic Dark Matter Halos and Globular Cluster Populations. III. Extension to Extreme Environments*
Harris, W. E., **Blakeslee, J. P.**, & Harris, G. L. H. 2017, ApJ, 836, 67.
70. *The Globular Cluster System of the Coma cD Galaxy NGC 4874 from Hubble Space Telescope ACS and WFC3/IR Imaging*
Cho, H., **Blakeslee, J. P.**, Chies-Santos, A. L., Jee, M. J., Jensen, J. B., Peng, E. W., & Lee, Y.-W. 2016, ApJ, 822, 95.
69. *Evidence for the Rapid Formation of Low-mass Early-type Galaxies in Dense Environments*
Liu, Y., Peng, E. W., **Blakeslee, J. P.**, Côté, P., Ferrarese, L., Jordán, A., Puzia, T. H., Toloba, E., & Zhang, H.-X. 2016, ApJ, 818, 179.

68. *Globular Cluster Systems in Brightest Cluster Galaxies. II: NGC 6166*
Harris, W. E., **Blakeslee, J. P.**, Whitmore, B. C., Gnedin, O. Y., Geisler, D., & Rothberg, B. 2016, *ApJ*, 817, 58.
67. *Measuring Infrared Surface Brightness Fluctuation Distances with HST WFC3: Calibration and Advice*
Jensen, J. B., **Blakeslee, J. P.**, Gibson, Z., Lee, H.-C., Cantiello, M., Raimondo, G., Boyer, N., & Cho, H. 2015, *ApJ*, 808, 91.
66. *The MASSIVE Survey. I. A Volume-Limited Integral-Field Spectroscopic Study of the Most Massive Early-Type Galaxies within 108 Mpc*
Ma, C.-P., Greene, J. E., McConnell, N., Janish, R., **Blakeslee, J. P.**, Thomas, J., & Murphy, J. D. 2014, *ApJ*, 795, 158 (leading effort in selecting the galaxy sample).
65. *Globular Clusters of NGC 3115 in the Near-IR: Demonstrating the Correctness of Two Opposing Scenarios*
Cantiello, M., **Blakeslee, J. P.**, Raimondo, G., Chies-Santos, A. L., Jennings, Z. G., Norris, M. A., & Kuntschner, H. 2014, *A&A*, 564, L3.
64. *The Rich Globular Cluster System of Abell 1689 and the Radial Dependence of the Globular Cluster Formation Efficiency*
Alamo-Martínez, K. A., **Blakeslee, J. P.**, Jee, M. J., Côté, P., Ferrarese, L., González-Lópezlira, R. A., Jordán, A., Meurer, G. R., Peng, E. W., & West, M. J. 2013, *ApJ*, 775, 20.
63. *The Distance to NGC 1316 (Fornax A): Yet Another Curious Case*
Cantiello, M., Grado, A., **Blakeslee, J. P.**, Raimondo, G., Di Rico, G., Limatola, L., Brocato, E., Della Valle, M., & Gilmozzi, R. 2013, *A&A*, 552, A106.
62. *Surface Brightness Fluctuations as Primary and Secondary Distance Indicators*
Blakeslee, J. P. 2012, *Ap&SS*, 341, 179.
61. *Globular Cluster Systems in Fossil Groups: NGC 6482, NGC 1132, and ESO 306-017*
Alamo-Martínez, K. A., West, M. J., **Blakeslee, J. P.**, González-Lópezlira, R. A., Jordán, A., Gregg, M., Côté, P., Drinkwater, M. J., & van den Bergh, S. 2012, *A&A*, 546, A15.
60. *Globular Cluster Systems of Early-type Galaxies in Low-density Environments*
Cho, J., Sharples, R. M., **Blakeslee, J. P.**, Zepf, S. E., Kundu, A., Kim, H.-S., & Yoon, S.-J. 2012, *MNRAS*, 422, 3591.
59. *Optical and Infrared Photometry of Globular Clusters in NGC 1399: Evidence for Color-Metallicity Nonlinearity*
Blakeslee, J. P., Cho, H., Peng, E. W., Ferrarese, L., Jordán, A., & Martel, A. R. 2012, *ApJ*, 746, 88.
58. *The Globular Cluster Systems of Abell 1185*
West, M. J., Jordán, A., **Blakeslee, J. P.**, Côté, P., Gregg, M. D., Takamiya, M., & Marzke, R. O. 2011, *A&A*, 528, A115.
57. *Surface Brightness Fluctuations in the Hubble Space Telescope ACS/WFC F814W Bandpass and an Update on Galaxy Distances*
Blakeslee, J. P., Cantiello, M., Mei, S., Côté, P., Barber DeGraaff, R., Ferrarese, L., Jordán, A., Peng, E. W., Tonry, J. L., & Worthey, G. 2010, *ApJ*, 724, 657.
56. *The inner halo of M 87: A First Direct View of the Red-Giant Population*
Bird, S., Harris, W. E., **Blakeslee, J. P.**, & Flynn, C. 2010, *A&A*, 524, A71.
55. *The Mass-Metallicity Relation of Globular Clusters in the Context of Nonlinear Color-Metallicity Relations*
Blakeslee, J. P., Cantiello, M., & Peng, E. W. 2010, *ApJ*, 710, 51.
54. *Structural Parameters of the Messier 87 Globular Clusters*
Madrid, J. P., Harris, W. E., **Blakeslee, J. P.**, & Gómez, M. 2009, *ApJ*, 705, 237.

53. *The Color-Magnitude Relation for Metal-Poor Globular Clusters in M87: Confirmation from Deep HST/ACS Imaging*
Peng, E. W., Jordán, A., **Blakeslee, J. P.**, Mieske, S., Côté, P., Ferrarese, L., Harris, W. E., Madrid, J. P., & Meurer, G. R. 2009, ApJ, 703, 42.
52. *The ACS Fornax Cluster Survey. V. Measurement and Recalibration of Surface Brightness Fluctuations and a Precise Value of the Fornax–Virgo Relative Distance*
Blakeslee, J. P., Jordan, A., Mei, S., Côté, P., Ferrarese, L., Infante, L., Peng, E.W., Tonry, J.L., & West, M.J. 2009, ApJ, 694, 556.
51. *Evolution of the Color-Magnitude Relation in Galaxy Clusters at $z \sim 1$ from the ACS Intermediate Redshift Cluster Survey*
Mei, S., Holden, B.P., **Blakeslee, J. P.**, et al. 2009, ApJ, 690, 42.
50. *The ACS Virgo Cluster Survey. XVI. Selection Procedure and Catalogs of Globular Cluster Candidates*
Jordán, A., Peng, E. W., **Blakeslee, J. P.**, Côté, P., Eyheramendy, S., Ferrarese, L., Mei, S., Tonry, J. L., & West, M. J. 2009, ApJS, 180, 54.
49. *Ultra-Compact Dwarf Candidates Near the Lensing Galaxy in Abell S0740*
Blakeslee, J. P. and Barber DeGraaff, R. 2008, AJ, 136, 2295.
48. *Principal Component Analysis of the Time- and Position-dependent Point-Spread Function of the Advanced Camera for Surveys*
Jee, M. J., **Blakeslee, J. P.**, Sirianni, M., Martel, A.R., White, R.L., & Ford, H.C. 2007, PASP, 119, 1403.
47. *A Galaxy in Transition: Structure, Globular Clusters, and Distance of the Star-Forming S0 Galaxy NGC 1533 in Dorado*
DeGraaff, R.B., **Blakeslee, J. P.**, Meurer, G.R., & Putman, M.E. 2007, ApJ, 671, 1624.
46. *Metallicity-Color Relations and Bimodal Color Distributions in Extragalactic Globular Cluster Systems*
Cantiello, M., & **Blakeslee, J. P.** 2007, ApJ, 669, 982.
45. *The Globular Cluster System in NGC 5866: Optical Observations from Hubble Space Telescope Advanced Camera for Surveys*
Cantiello, M., **Blakeslee, J. P.**, & Raimondo, G. 2007, ApJ, 668, 209.
44. *Surface Brightness Fluctuations from Archival ACS Images: A Stellar Population and Distance Study*
Cantiello, M., **Blakeslee, J. P.**, Raimondo, G., Brocato, E., & Capaccioli, M. 2007, ApJ, 668, 130.
43. *Detection of Surface Brightness Fluctuations in Elliptical Galaxies Imaged with the Advanced Camera for Surveys: B- and I-Band Measurements*
Cantiello, M., Raimondo, G., **Blakeslee, J. P.**, Brocato, E., & Capaccioli, M. 2007, ApJ, 662, 940.
42. *The ACS Fornax Cluster Survey. I. Introduction to the Survey and Data Reduction Procedures*
Jordán, A., **Blakeslee, J. P.**, Côté, P., Ferrarese, L., Infante, L., Mei, S., Merritt, D., Peng, E.W., Tonry, J.L., West, M.J. 2007, ApJS, 169, 213.
41. *The ACS Virgo Cluster Survey. XIII. SBF Distance Catalog and the Three-dimensional Structure of the Virgo Cluster*
Mei, S., **Blakeslee, J. P.**, Côté, P., Tonry, J.L., West, M.J., Ferrarese, L., Jordán, A., Peng, E.W., Anthony, A., & Merritt D. 2007, ApJ, 655, 144.
40. *Galaxies at Redshift $z \sim 6$: The Rest-Frame Luminosity Function and Luminosity Density from 506 UDF, UDF-Parallel, and GOODS i -Dropouts*
Bouwens, R., Illingworth, G.D., **Blakeslee, J. P.** & Franx, M. 2006, ApJ, 653, 53.
39. *The Formation Epoch of Early-Type Galaxies in the $z \sim 0.9$ Cl 1604 Supercluster*
Homeier, N.L., Mei, S., **Blakeslee, J. P.**, Postman, M., Holden, B., Ford, H.C., Bradley, L.D., Demarco, R., Franx, M., Illingworth, G.D., Jee, M.J., Menanteau, F., Rosati, P., van der Wel, A., & Zirm, A. 2006, ApJ, 647, 256.

38. *Evolution of the Color–Magnitude Relation in High-Redshift Clusters: Early-Type Galaxies in the Lynx Supercluster at $z \sim 1.26$*
Mei, S., Holden, B.P., **Blakeslee, J. P.**, Rosati, P., Postman, M., Jee, M.J., Rettura, A., Sirianni, M., Demarco, R., Ford, H., Franx, M., Homeier, N., & Illingworth, G.D. 2006, ApJ, 644, 759.
37. *Clusters at Half Hubble Time: Galaxy Structure and Colors in RX J0152.7–1357 and MS1054–03*
Blakeslee, J. P., Holden, B.P., Franx, M., Rosati, P., Bouwens, R.J., Demarco, R., Ford, H.C., Homeier, N.L., Illingworth, G.D., Jee, M.J., Mei, S., Menanteau, F., Meurer, G.R., Postman, M., & Tran, K.-V.H. 2006, ApJ, 644, 30.
36. *Evolution of the Color–Magnitude Relation in High-Redshift Clusters: Blue Early-Type Galaxies and Red Pairs in RDCS J0910+5422*
Mei, S., **Blakeslee, J. P.**, Stanford, A.S., Holden, B.P., Rosati, P., Strazzullo, V., Homeier, N., et al. 2006, ApJ, 639, 81.
35. *Detection of Radial Surface Brightness Fluctuation and Color Gradients in Elliptical Galaxies*
Cantiello, M., **Blakeslee, J. P.**, Raimondo, G. Mei, S., Brocato, E., Capaccioli, M. 2005, ApJ, 634, 239.
34. *The Photometric Performance and Calibration of the HST Advanced Camera for Surveys*
Sirianni, M., Jee, M. J., Benítez, N., **Blakeslee, J. P.**, Martel, A. R., Clampin, M., de Marchi, G., Ford, H. C., Gilliland, R., Hartig, G. F., Illingworth, G. D., Mack, J., McCann, W. J., & Meurer, G. 2005, PASP, 117, 1049.
33. *Evolution in the Cluster Early-type Galaxy Size–Surface Brightness Relation at $z \approx 1$*
Holden, B.P., **Blakeslee, J. P.**, Postman, M., Illingworth, G.D., Demarco, P., Franx, M., Rosati, P., Bouwens, R. J. et al. 2005, ApJ, 626, 809.
32. *Discovery of Strong Lensing by an Elliptical Galaxy at $z = 0.0345$*
Smith, R.J., **Blakeslee, J. P.**, Lucey, J.R., & Tonry, J.L. 2006, ApJ, 625, L103.
31. *The ACS Virgo Cluster Survey. V. SBF Calibration for Giant and Dwarf Early-type Galaxies*
Mei, S., **Blakeslee, J. P.**, Tonry, J.L., Jordán, A., Peng, E. W., Côté, P., Ferrarese, L., Merritt, D. Milosavljević, M., & West, M. J. 2005, ApJ, 625, 121.
30. *ACS/WFC Weak Lensing Analysis of the Galaxy Cluster RDCS 1252.9–2927 at $z \approx 1.24$*
Lombardi, M., Rosati, P., **Blakeslee, J. P.**, Ettori, S., Demarco, R., Ford, H. C., Illingworth, G. D., Clampin, M., Hartig, G. F., Benitez, N., Broadhurst, T. J., Franx, M., Jee, M. J., Postman, M., & White, R. L. 2005, ApJ, 623, 42.
29. *The ACS Virgo Cluster Survey. IV. Data Reduction Procedures for Surface Brightness Fluctuation Measurements with the Advanced Camera for Surveys*
Mei, S., **Blakeslee, J. P.**, Tonry, J.L., Jordán, A., Peng, E. W., Côté, P., Ferrarese, L., Merritt, D. Milosavljević, M., & West, M. J. 2005, ApJS, 156, 113.
28. *The ACS Virgo Cluster Survey. II. Data Reduction Procedures*
Jordán, A., **Blakeslee, J. P.**, Peng, E. W., Mei, S., Côté, P., Ferrarese, L., Tonry, J.L., Merritt, D. Milosavljević, M., & West, M. J. 2004, ApJS, 154, 509.
27. *Galaxy Size Evolution at High Redshift and Surface Brightness Selection Effects: Constraints from the Hubble Ultra Deep Field*
Bouwens, R.J., Illingworth, G.D., **Blakeslee, J. P.**, Broadhurst, T.J., & Franx, M. 2004, ApJ, 611, L1.
26. *The ACS Virgo Cluster Survey. I. Introduction to the Survey*
Côté, P., **Blakeslee, J. P.**, Ferrarese, L., Jordán, A., Mei, S., Merritt, D., Milosavljević, M., Peng, E. W., Tonry, J. L., & West, M. J. 2004, ApJS, 153, 223.
25. *Advanced Camera for Surveys Observations of a Strongly Lensed Arc in a Field Elliptical*
Blakeslee, J. P., Zekser, K.C., Benítez, N., Franx, M., White, R.L., Ford, H.C., Bouwens, R.J., Infante, L., Cross, N.J., Hertling, G., Holden, B.P., Illingworth, G.D., Motta, V., Menanteau, F., Meurer, G.R., Postman, M., Rosati, P., & Zheng, W. 2004, ApJ, 602, L9.

24. *Advanced Camera for Surveys Photometry of the Cluster RDCS1252.9-2927: The Color-Magnitude Relation at $z = 1.24$*
Blakeslee, J. P., Franx, M., Postman, M., Rosati, P., Holden, B. P., Illingworth, G. D., Ford, H. C. et al. 2003, ApJ, 596, L143.
23. *The Ages and Abundances of a Sample of Globular Clusters in M49 (NGC 4472)*
Cohen, J. G., Blakeslee, J. P., & Côté, P. 2003, ApJ, 592, 866.
22. *Discovery of Two Distant Type Ia Supernovae in the Hubble Deep Field-North with the Advanced Camera for Surveys*
Blakeslee, J. P., Tsvetanov, Z. I., Riess, A. G., Ford, H. C., et al. 2003, ApJ, 589, 693.
21. *Early-type Galaxy Distances from the Fundamental Plane and Surface Brightness Fluctuations*
Blakeslee, J. P., Lucey, J. R., Tonry, J. L., Hudson, M. J., Narayanan, V. K., & Barris, B. J. 2002, MNRAS, 330, 443.
20. *A Synthesis of Data from Fundamental Plane and Surface Brightness Fluctuation Surveys*
Blakeslee, J. P., Lucey, J. R., Barris, B. J., Hudson, M. J., & Tonry, J. L. 2001, MNRAS, 327, 1004.
19. *Reconciliation of the Surface Brightness Fluctuation and Type Ia Supernova Distance Scales*
Ajhar, E. A., Tonry, J. L., Blakeslee, J. P., Riess, A. G., & Schmidt, B. 2001, ApJ, 559, 584.
18. *Lensing in the Hercules Supercluster*
Blakeslee, J. P., Metzger, M. R., Kuntschner, H., & Côté, P. 2001, AJ, 121, 1.
17. *Stellar Populations and Surface Brightness Fluctuations: New Observations and Models*
Blakeslee, J. P., Vazdekis, A., & Ajhar, E. A. 2001, MNRAS, 320, 193.
16. *The SBF Survey of Galaxy Distances. IV. SBF Magnitudes, Colors, and Distances*
Tonry, J. L., Dressler, A., Blakeslee, J. P., Ajhar, E. A., Fletcher, A. B., Luppino, G. A., Metzger, M. R., & Moore, C. B. 2001, ApJ, 546, 681.
15. *The Principal Axis of the Virgo Cluster*
West, M. J. & Blakeslee, J. P. 2000, ApJ, 543, L27.
14. *The Surface Brightness Fluctuation Survey of Galaxy Distances. II. Local and Large-Scale Flows*
Tonry, J. L., Blakeslee, J. P., Ajhar, E. A., & Dressler, A. 2000, ApJ, 530, 625.
13. *A First Comparison of the Surface Brightness Fluctuation Survey Distances with the Galaxy Density Field: Implications for H_0 and Ω*
Blakeslee, J. P., Davis, M., Tonry, J. L., Dressler, A., & Ajhar, E. A. 1999, ApJ, 527, L73.
12. *Globular Clusters in Dense Clusters of Galaxies*
Blakeslee, J. P. 1999, AJ, 118, 1506.
11. *A Lensed Arc in the Low-Redshift Cluster Abell 2124*
Blakeslee, J. P. & Metzger, M. R. 1999, ApJ, 513, 592.
10. *An Old Cluster in NGC 6822*
Cohen, J. G. & Blakeslee, J. P. 1998, AJ, 115, 2356.
9. *The Ages and Abundances of a Large Sample of M87 Globular Clusters*
Cohen, J. G., Blakeslee, J. P., & Ryzhov, A. 1998, ApJ, 496, 808.
8. *The Globular Cluster Luminosity Functions of Brightest Cluster Galaxies*
Blakeslee, J. P. 1998, PASP, 110, 365.
7. *Globular Clusters in 19 Northern Abell Clusters.*
Blakeslee, J. P., Tonry, J. L., & Metzger, M. R. 1997, AJ, 114, 482.
6. *The Dependence of Globular Cluster Number on Density for Abell Cluster Central Galaxies*
Blakeslee, J. P. 1997, ApJ, 481, L59.

5. *The SBF Survey of Galaxy Distances. I. Sample Selection, Photometric Calibration & the Hubble Constant*
Tonry, J. L., **Blakeslee, J. P.**, Ajhar, E. A., & Dressler, A. 1997, ApJ, 475, 399.
4. *Globular Clusters in Fornax: Does M^0 Depend on Environment?*
Blakeslee, J. P. & Tonry, J. L. 1996, ApJ, 465, L19.
3. *Measurements of Globular Cluster Specific Frequencies and Luminosity Function Widths in Coma*
Blakeslee, J. P. & Tonry, J. L. 1995, ApJ, 442, 579.
2. *VRI Photometry of Globular Clusters in Virgo and Leo Ellipticals*
Ajhar, E. A., **Blakeslee, J. P.**, & Tonry, J. L. 1994, AJ, 108, 2087.
1. *Constraints on Cannibalism from the Velocities of Multiple Nuclei in Brightest Cluster Galaxies*
Blakeslee, J. P. & Tonry, J. L. 1992, AJ, 103, 1457.

Selected Refereed Publications as Contributing Author

42. *An evolutionary continuum from nucleated dwarf galaxies to star clusters*
Wang, K., Peng, E. W., Liu, C., Mihos, J. C., Côté, P., Ferrarese, L., Taylor, M. A., **Blakeslee, J. P.**, Cuillandre, J.-C., Duc, P.-A., Guhathakurta, P., Gwyn, S., Ko, Y., Lançon, A., Lim, S., MacArthur, L. A., Puzia, T., Roediger, J., Sales, L. V., Sánchez-Janssen, R., Spengler, C., Toloba, E., Zhang, H., & Zhu, M. 2023, Nature, 623, 296.
41. *Comparing Globular Cluster System Properties with Host Galaxy Environment*
Hartman, K., Harris, W. E., **Blakeslee, J. P.**, Ma, C.-P., & Greene, J. E. 2023, ApJ, 953, 154.
40. *Connecting Infrared Surface Brightness Fluctuation Distances to Type Ia Supernova Hosts: Testing the Top Rung of the Distance Ladder*
Garnavich, P., Wood, C.M., Milne, P., Jensen, J.B., **Blakeslee, J. P.**, Brown, P.J., Scolnic, D., Rose, B., & Brout, D. 2023, ApJ, 953, 35.
39. *Cosmicflows-4*
Tully, R. B., Kourkchi, E., Courtois, H.M., Anand, G.S., **Blakeslee, J. P.**, Brout, D., de Jaeger, T., Dupuy, A., Guinet, D., Howlett, C., Jensen, J. B., Pomarède, D., Rizzi, L., Rubin, D., Said, K., Scolnic, D., & Stahl, B. E. 2022, ApJ, 944, 94.
38. *Cosmology Intertwined: A review of the Particle Physics, Astrophysics, and Cosmology Associated with the Cosmological Tensions and Anomalies*
Abdalla, E., et al. (200 authors incl. **Blakeslee, J. P.**) 2022, Journal of High Energy Astrophysics, 34, 49.
37. *The Next Generation Virgo Cluster Survey (NGVS). XIV. The Discovery of Low-mass Galaxies and a New Galaxy Catalog in the Core of the Virgo Cluster*
Ferrarese, L., Côté, P., MacArthur, L. A., Durrell, P. R., Gwyn, S.D.J., Duc, P.-A., Sánchez-Janssen, R., Santos, M., **Blakeslee, J. P.**, Boselli, A., Boyer, F., Cantiello, M., et al. 2020, ApJ, 890, 128.
36. *The MASSIVE Survey XI. What drives the molecular gas properties of early-type galaxies*
Davis, T. A., Greene, J. E., Ma, C.-P., **Blakeslee, J. P.**, Dawson, J. M., Pandya, V., Veale, M., & Zabel, N. 2019, MNRAS, 486, 1404.
35. *The Next Generation Virgo Cluster Survey. XXIII. Fundamentals of Nuclear Star Clusters over Seven Decades in Galaxy Mass*
Sánchez-Janssen, R., Côté, P., Ferrarese, L., Peng, E. W., Roediger, J., **Blakeslee, J. P.**; Emsellem, E., Puzia, T. H., Spengler, C., Taylor, J., Alamo-Martínez, K. A., et al. 2019, ApJ, 878, 18.
34. *The MASSIVE Survey XII. Connecting Stellar Populations of Early-type Galaxies to Kinematics and Environment*
Greene, J. E., Veale, M., Ma, C.-P., Thomas, J., Quenneville, M. E., **Blakeslee, J. P.**, Walsh, J. L., Goulding, A., & Ito, J. 2019, ApJ, 874, 66.

33. *The MASSIVE Survey X. Misalignment between kinematic and photometric axes and intrinsic shapes of massive early-type galaxies*
Ene, I., Ma, C.-P., Veale, M., Greene, J. E., Thomas, J., **Blakeslee, J. P.**, Foster, C., Walsh, J. L., Ito, J., & Goulding, A. D. 2018, MNRAS, 479, 2810.
32. *The MASSIVE Survey. VIII. Stellar velocity dispersion profiles and environmental dependence of early-type galaxies*
Veale, M., Ma, C.-P., Greene, J. E., Thomas, J., **Blakeslee, J. P.**, Walsh, J. L., & Ito, J. 2018, MNRAS, 473, 5446.
31. *The MASSIVE Survey. VII. The relationship of angular momentum, stellar mass and environment of early-type galaxies*
Veale, M., Ma, C.-P., Greene, J. E., Thomas, J., **Blakeslee, J. P.**, McConnell, N., Walsh, J. L., & Ito, J. 2017, MNRAS, 471, 1428.
30. *The MASSIVE Survey. VI. The Spatial Distribution and Kinematics of Warm Ionized Gas in the Most Massive Local Early-type Galaxies*
Pandya, V., Greene, J. E., Ma, C.-P., Veale, M., Ene, I., Davis, T. A., **Blakeslee, J. P.**, Goulding, A. D., McConnell, N. J., Nyland, K., & Thomas, J. 2017, ApJ, 837, 40.
29. *The Next Generation Virgo Cluster Survey (NGVS). XXIV. The Red Sequence to $10^6 L_{\odot}$ and Comparison with Galaxy Formation Models*
Roediger, J. C., Ferrarese, L., Côté, P., MacArthur, L. A., Sánchez-Janssen, R., **Blakeslee, J. P.**, Peng, E. W., Liu, C., Munoz, R., Cuillandre, J.-C., et al. 2017, ApJ, 836, 120.
28. *The MASSIVE Survey. IV. X-ray Halos of the Most Massive Early-type Galaxies in the Nearby Universe*
Goulding, A. D., Greene, J. E., Ma, C.-P., Veale, M., Bogdan, A., Nyland, K., **Blakeslee, J. P.**, McConnell, N. J., & Thomas, J. 2016, ApJ, 826, 167.
27. *A 17-Billion-Solar-Mass Black Hole in a Group Galaxy with a Diffuse Core*
Thomas, J., Ma, C.-P., McConnell, N. J., Greene, J. E., **Blakeslee, J. P.**, & Janish, R. 2016, Nature, 532, 340.
26. *The MASSIVE Survey. II. Stellar Population Trends Out to Large Radius in Massive Early-type Galaxies*
Greene, J. E., Janish, R., Ma, C.-P., McConnell, N. J., **Blakeslee, J. P.**, Thomas, J., & Murphy, J. D. 2015, ApJ, 807, 11.
25. *The Next Generation Virgo Survey. VIII. The Spatial Distribution of Globular Clusters in the Virgo Cluster*
Durrell, P.R., Côté, P., Peng, E.W., **Blakeslee, J. P.**, Ferrarese, L., Mihos, J.C., Puzia, T.H., Lançon, A., Liu, C., Zhang, H., Cuillandre, J.-C., McConnachie, A., Jordan, A., Accetta, K., Boissier, S., Boselli, A., Courteau, S., Duc, P.-A., Emsellem, E., Gwyn, S., Mei, S., & Taylor, J.E. 2014, ApJ, 794, 103.
24. *$z \sim 7$ Galaxy Candidates from NICMOS Observations Over the HDF-South and the CDF-South and HDF-North Goods Fields*
Bouwens, R. J., Illingworth, G. D., González, V., Labbé, I., Franx, M., Conselice, C. J., **Blakeslee, J. P.**, van Dokkum, P., Holden, B., Magee, D., Marchesini, D., & Zheng, W. 2010, ApJ, 725, 1587.
23. *Star Formation Histories in a Cluster Environment at $z \sim 0.84$*
Demarco, R., Gobat, R., Rosati, P., Lidman, C., Rettura, A., Nonino, M., van der Wel, A., Jee, M. J., **Blakeslee, J. P.**, Ford, H. C., & Postman, M. 2010, ApJ, 725, 1252.
22. *The Nascent Red Sequence at $z \sim 2$*
Zirm, A. W., Stanford, S. A., Postman, M., Overzier, R. A., **Blakeslee, J. P.**, Rosati, P., Kurk, J., Pentericci, L., Venemans, B., Miley, G. K., Röttgering, H. J. A., Franx, M., van der Wel, A., Demarco, R., & van Breugel, W. 2008, ApJ, 680, 224.
21. *The ACS Virgo Cluster Survey. XV. The Formation Efficiencies of Globular Clusters in Early-Type Galaxies: The Effects of Mass and Environment*
Peng, E. W., Jordán, A., Côté, P., Takamiya, M., West, M. J., **Blakeslee, J. P.**, Chen, C.-W., Ferrarese, L., Mei, S., Tonry, J. L., & West, A. A. 2008, ApJ, 681, 197.

20. *Lyman Break Galaxies, Ly α Emitters, and a Radio Galaxy in a Protocluster at $z = 4.1$*
Overzier, R.A., Bouwens, R.J., Cross, N.J.G., Venemans, B.P., Miley, G.K., Zirm, A.W., Benítez, N., **Blakeslee, J. P.**, Coe, D., Demarco, R., Ford, H.C., Homeier, N.L., et al. 2008, ApJ, 673, 143.
19. *Hubble Space Telescope and Spitzer Imaging of Red and Blue Galaxies at $z \sim 2.5$: A Correlation between Size and Star Formation Activity from Compact Quiescent Galaxies to Extended Star-forming Galaxies*
Toft, S., van Dokkum, P., Franx, M., Labbe, I., Förster Schreiber, N.M., Wuyts, S., Webb, T., Rudnick, G., Zirm, A., Kriek, M., van der Werf, P., **Blakeslee, J. P.**, Illingworth, G., Rix, H.-W., Papovich, C., & Moorwood, A. 2007, ApJ, 671, 285.
18. *VLT and ACS Observations of RDCS J1252.9-2927: Dynamical Structure and Galaxy Populations in a Massive Cluster at $z = 1.237$*
Demarco, R., Rosati, P., Lidman, C., Girardi, M., Nonino, M., Rettura, A., Strazzullo, V., van der Wel, A., Ford, H.C., Mainieri, V., Holden, B.P., Stanford, S.A., **Blakeslee, J. P.**, Gobat, R., Postman, M., Tozzi, P., Overzier, R.A., Zirm, A.W., et al. 2007, ApJ, 663, 164.
17. *The Discovery of Cepheids and a Distance to NGC 5128*
Ferrarese, L., Mould, J.R., Stetson, P.B., Tonry, J.L. **Blakeslee, J. P.**, & Ajhar, E.A. 2007, ApJ, 654, 186.
16. *Trends in the Globular Cluster Luminosity Function of Early-Type Galaxies*
Jordán, A., McLaughlin, D.E., Côté, P., Ferrarese, L., Peng, E.W., **Blakeslee, J. P.**, Mei, S., Villegas, D., Merritt, D., Tonry, J.L., & West, M.J. 2006, ApJ, 651, L25.
15. *The Spiderweb Galaxy: A Forming Massive Cluster Galaxy at $z \sim 2$*
Miley, G.K., Overzier, R.A., Zirm, A.W., Ford, H.C., Kurk, J., Pentericci, L., **Blakeslee, J. P.**, Franx, M., Illingworth, G.D., Postman, M., Rosati, P., Röttgering, H.J.A., Venemans, B.P., & Helder, E. 2006, ApJ, 650, L29.
14. *A Fundamental Relation between Compact Stellar Nuclei, Supermassive Black Holes, and Host Galaxies*
Ferrarese, L., Côté, P., Dalla Bontà, E., Peng, E.W., Merritt, D., Jordán, A., **Blakeslee, J. P.**, Haşegan, M., Mei, S., Piatek, S., Tonry, J.L., & West, M.J. 2006, ApJ, 644, L21.
13. *Weak-lensing Detection at $z \sim 1.3$: Measurement of the Two Lynx Clusters with the Advanced Camera for Surveys*
Jee, M.J., White, R.L., Ford, H.C., Illingworth, G.D., **Blakeslee, J. P.**, Holden, B., & Mei, S. 2006, ApJ, 642, 720.
12. *Mass Modeling of Abell 1689 Advanced Camera for Surveys Observations with a Perturbed Navarro-Frenk-White Model*
Zekser, K.C., White, R.L., Broadhurst, T.J., Benítez, N., Ford, H.C., Illingworth, G.D., **Blakeslee, J. P.**, Postman, M., Jee, M.J., & Coe, D.A. 2006, ApJ, 640, 639.
11. *The ACS Virgo Cluster Survey IX. The Color Distributions of Globular Cluster Systems in Early-Type Galaxies*
Peng E.W., Côté, P., Jordán, A., **Blakeslee, J. P.**, Ferrarese L., Mei, S., West, M.J., Merritt D., Milosavljević, M., & Tonry J.L. 2006, ApJ, 639, 95.
10. *Imprints of Environment on Cluster and Field Late-Type Galaxies at $z \sim 1$*
Homeier, N.L., Postman, M., Menanteau, F., **Blakeslee, J. P.**, Mei, S., Demarco, R., Ford, H.C., Illingworth, G.D., & Zirm, A. 2006, AJ, 131, 143.
9. *Clustering of Star-forming Galaxies Near a Radio Galaxy at $z=5.2$*
Overzier, R., Miley, G.K., Bouwens, R.J., Cross, N.J., Zirm, A.W., Benitez, N., **Blakeslee, J. P.**, Clampin, M., Demarco, R., Ford, H.C., Hartig, G.F., et al. 2006, ApJ, 637, 58.
8. *HST/ACS Weak-Lensing and Chandra X-Ray Studies of the High-Redshift Cluster MS1054-03*
Jee, M.J., White, R.L., Ford, H.C., **Blakeslee, J. P.**, Illingworth, G.D., Coe, D.A., & Tran, K. 2005, ApJ, 634, 813.

7. *The Morphology–Density Relation in $z \sim 1$ Clusters*
Postman, M., Franx, M., Cross, N., Holden, B.P., Ford, H. C., Illingworth, G. D., Goto, T., Demarco, R., Rosati, P., **Blakeslee, J. P.**, Tran, K.-V., Benitez, N. et al. 2005, ApJ, 623, 721.
6. *The Fundamental Plane of Cluster Ellipticals at $z = 1.25$*
Holden, B. P., van der Wel, A., Franx, M., Illingworth, G. D., **Blakeslee, J. P.**, van Dokkum, P., Ford, H., Magee, D., Postman, M., Rix, H.-W., & Rosati, P. 2005, ApJ, 620, L83.
5. *Weak Lensing Analysis of the $z \approx 0.8$ Cluster CL 0152–1357 with the Advanced Camera for Surveys*
Jee, M. J., White, R. L., Benitez, N., Ford, H. C., **Blakeslee, J. P.**, Rosati, P., Demarco, R., & Illingworth, G. D. 2005, ApJ, 618, 46.
4. *A Resolved Debris Disk around the G2V star HD 107146*
Ardila, D. R., Golimowski, D. A., Krist, J. E., Clampin, M., Williams, J. P., **Blakeslee, J. P.**, Ford, H. C., Hartig, G. F., & Illingworth, G. D. 2004, ApJ, 617, L147.
3. *Faint Galaxies in Deep ACS Observations*
Benítez, N. Ford, H. C., Bouwens, R. J., Menanteau, F., **Blakeslee, J. P.**, Gronwall, C., Illingworth, G., Meurer, G. R., Broadhurst, T. J., Clampin, M., Franx, M., et al. 2004, ApJS, 150, 1.
2. *A Large Population of ‘Lyman-break’ Galaxies in a Protocluster at Redshift $z \sim 4.1$*
Miley, G. K., Overzier, R. A., Tsvetanov, Z. I., Bouwens, R. J., Benítez, N., **Blakeslee, J. P.**, Ford, H. C., et al. 2004, Nature, 427, 47.
1. *Unusual Afterglow of the Gamma-Ray Burst of 26 March 1998 as Evidence of a Supernova Connection*
Bloom, J. S., Kulkarni, S. R., Djorgovski, S. G., Eichelberger, A. C., Cote, P., **Blakeslee, J. P.**, Odewahn, S. C., Harrison, F. A., Frail, D. A., Filippenko, A. V., Leonard, D. C., Riess, A. G., Spinrad, H., Stern, D., Bunker, A., Dey, A., Grossan, B., Perlmutter, S., Knop, R. A., Hook, I. M., & Feroci, M. 1999, Nature, 401, 453.

Book Chapters

5. *Surface Brightness Fluctuations*
Cantiello, M. & **Blakeslee, J. P.**, in *The Hubble Constant Tension*, ed. E. Di Valentino and D. Brout, Springer Series in Astrophysics and Cosmology (Springer Nature, Singapore), in press (arXiv:2307.03116).
4. *Discovery of the Largest Known Population of Globular Star Clusters*
Blakeslee, J. P. & Alamo-Martínez, K. A., in *Hubble 24: Science Year in Review*, ed. K. Hartnett (Greenbelt, MD: NASA Pub. 2014-12-225-GSFC), 2014, p. 61–68.
3. *ACS Observations of Galaxy Clusters in the Young Universe*
Blakeslee, J. P., Ford, H. C., & Postman, M., in *Hubble 14: Science Year in Review*, ed. H. C. Ferguson (Baltimore: STScI), 2004, p. 53–58.
2. *The Extragalactic Distance Scale*
Jensen, J. B., Tonry, J. L., & **Blakeslee, J. P.** 2004 in *Measuring and Modeling the Universe*, Carnegie Obs. Astrophysics Series, Vol. 2, ed. W. L. Freedman (Cambridge: Cambridge Univ. Press), p. 99-116.
1. *Distances from Surface Brightness Fluctuations*
Blakeslee, J. P., Ajhar, E.A., & Tonry, J.L., 1999, in *Post-Hipparcos Cosmic Candles*, eds. A. Heck & F. Caputo (Dordrecht: Kluwer Academic Publishers), p. 181–202.

Selected Technical Reports and Unrefereed Publications (~200 total)

25. *Gathering Galaxy Distances in Abundance with Roman Wide-Area Data*
Blakeslee, J. P., Cantiello, M., Hudson, M.J., et al. 2023, White Paper submitted for Roman Core Community Survey (arXiv:2306.15170).

24. *NSF's National Optical Infrared Astronomy Research Laboratory and Planetary Science*
Lauer, T. & **Blakeslee, J.** 2021, White Paper submitted to the National Academies' Planetary Science and Astrobiology Decadal Survey, BAAS, 53, 467.
23. *The Astrophysical Events Observatories Network (AEON)*
Street, R. A., Adamson, A., **Blakeslee, J. P.**, Blum, R.D., Bolton, A.S., Boroson, T., Bowman, M., Briceño, C., Elias, J.H., Gomez, E., Heathcote, S., Heinrich-Josties, E., Hopkinson, A., Lee, C.-H., Miller, B.W., Nation, J., Ridgway, S., Silva, D.R., & Storrie-Lombardi, L.J. 2020, Proc. SPIE, 11449, 925.
22. *Entering into the Wide Field Adaptive Optics Era in the Northern Hemisphere*
Sivo, G., **Blakeslee, J. P.**, Lotz, J., Roe, H., Andersen, M., Scharwachter, J., Palmer, D., et al. 2019, APC White Paper for the Astro2020 Decadal Survey, BAAS, 51, 258.
21. *Probing the Time Domain with High Spatial Resolution*
Blakeslee, J. P., Rodney, S. A., Lotz, J. M., Sivo, G., Sivanandam, S., Andersen, M., et al. 2019, Science White Paper for the Astro2020 Decadal Survey, BAAS, 51, 529.
20. *MIDI: the Major Instrumentation Design Incubation program to ensure and bolster future ground based OIR science*
Kassis, M., O'Meara, J.M., **Blakeslee, J. P.**, & Veillet, C. 2019, Science White Paper for the Astro2020 Decadal Survey, BAAS, 51, 63.
19. *Strategic Scientific Plan for Gemini Observatory*
Blakeslee, J. P., Adamson, A., Davis, C., Díaz, R., Miller, B., Peck, A., et al. 2019, (arXiv:1909.09196). <https://www.gemini.edu/news/gemini-strategic-scientific-plan>
18. *The Maunakea Spectroscopic Explorer*
Hall, P., Balogh, M., Barmby, P., **Blakeslee, J. P.**, Bovy, J., Bradley, C., Bridges, T., et al. 2019, Canadian Long Range Plan for Astronomy and Astrophysics White Papers, 2020, 30.
17. *Independent Analysis of the Distance to NGC 1052-DF2*
Blakeslee, J. P. & Cantiello, M. 2018, Research Notes of the American Astronomical Society, 2, 146.
16. *Digging Deep in Pandora's Cluster*
Blakeslee, J. P., Alamo-Martinez, K., Toloba, E., Barro, G. & Peng, E. 2015, AAS Meeting, 225, 252.09.
15. *PyDrizzle: Python version of Drizzle*
Hack, W., **Blakeslee, J. P.**, Meurer, G., & Hook, R. 2014, Astrophysics Source Code Library, 1005.
14. *Cosmic Distances from Surface Brightness Fluctuations*
Blakeslee, J. P. 2013, IAU Symposium, 289, 304.
13. *Surface Brightness Fluctuations as Stellar Population Indicators*
Blakeslee, J. P. 2009, American Institute of Physics Conference Series, 1111, 27.
12. *Gemini Observatory's Impact on Canadian Students*
Blakeslee, J. P., Internal Report to the Canadian Gemini Assessment Panel, October 2009.
11. *Final Report of the CSA Discipline Working Group on Wide-Field Imaging from Space*
Côté, P., Hutchings, J., McConnachie, A., Balogh, M., **Blakeslee, J.**, Carlberg, et al. 2009, Canadian Space Agency Report.
10. *ACS Studies of Clusters and Superclusters of Galaxies*
Blakeslee, J. P. 2007, "Cosmic Frontiers," ASP Conference Series, 379, 99.
9. *ACS Observations of Three High-Redshift Galaxy Clusters*
Blakeslee, J. P., Postman, M., Rosati, P., et al. 2003, The Cosmic Cauldron, 25th IAU Meeting, Joint Discussion 10, 40.

8. *Extreme Globular Cluster Systems*
Blakeslee, J. P., Meurer, G.R., Ford, H.C., et al. 2003, Extragalactic Globular Clusters and their Host Galaxies, 25th IAU Meeting, Joint Discussion 6, 34.
7. *An Automatic Image Reduction Pipeline for the Advanced Camera for Surveys*
Blakeslee, J. P., Anderson, K. R., Meurer, G. R., Benítez, N., & Magee, D. 2003, ASP Conf. Ser. 295: Astronomical Data Analysis Software and Systems XII, 257.
6. *Calibration of Geometric Distortion in the ACS Detectors*
 Meurer, G. R., Lindler, D. J., **Blakeslee, J. P.**, et al. 2003, Proc. SPIE, 4854, 507.
5. *Testing the Supernova, Cepheid, and Early-type Galaxy Distance Scales*
Blakeslee, J. P. 2002, ASP Conf. Ser. 283: A New Era in Cosmology, 280.
4. *Cluster-Cluster Lensing in Abell 2152*
Blakeslee, J. P. 2001, STScI Symp. Ser., The Dark Universe: Matter, Energy, and Gravity, ed. M. Livio, 8
3. *Comparing the SBF Survey Velocity Field with the Gravity Field from Redshift Surveys*
Blakeslee, J. P., Davis, M., Tonry, J.L., et al. 2000, ASP Conf. Ser. 201: Cosmic Flows, 254.
2. *Huddled Masses Yearning to Stream Free: Globular Clusters in the Hearts of Galaxy Clusters*
Blakeslee, J. P. 2000, Constructing the Universe with Clusters of Galaxies, ed. F. Durret, 61.
1. *Constraining the Cosmic Mass Density from the SBF Survey Peculiar Velocities*
Blakeslee, J. P., Willick, J. A., Tonry, J. L., Strauss, M. A., & Davis, M. 2000, IAU Symp., 201, 45.