

Curriculum Vitae

JEFFREY NEWMAN

Department of Physics and Astronomy, University of Pittsburgh
3941 O'Hara St.
Pittsburgh, PA 15260

EDUCATION:

Ph.D. , Astrophysics, U.C. Berkeley	2000
Dissertation: <i>Observational Cosmology from $z \sim 0.001$ to $z \sim 1$</i>	
M.A. , Astronomy, U.C. Berkeley	1996
B.S. , Physics & Astronomy, University of Maryland at College Park	1994
B.S. , Mathematics, University of Maryland at College Park	1994
B.A. , Latin, University of Maryland at College Park	1994

POSITIONS:

Professor	Sep., 2016 – present
University of Pittsburgh, Department of Physics and Astronomy	
Associate Professor	Sep., 2012 – Aug., 2016
University of Pittsburgh, Department of Physics and Astronomy	
Deputy Spokesperson , LSST Dark Energy Science Collaboration	
Feb., 2014 – June, 2017	
Analysis Coordinator , LSST Dark Energy Science Collaboration	
June, 2012 – Jan. 2014	
Assistant Professor	Sep., 2007 – Aug., 2012
University of Pittsburgh, Department of Physics and Astronomy	
Assistant Researcher	Oct., 2006 – Aug., 2007
University of California at Berkeley	
Hubble Fellow	Oct., 2003 – Sep., 2006
Lawrence Berkeley National Laboratory	
Supervisor: Saul Perlmutter	
Assistant Researcher	July, 2002 - Sep., 2003
University of California, Berkeley	
Postdoctoral Researcher	June, 2000 - June, 2002
University of California, Berkeley	
Supervisor: Marc Davis	
Graduate Student Researcher	Nov., 1996 - May, 2000
University of California, Berkeley	
Advisor: Marc Davis, Departments of Physics and Astronomy	

October 8, 2018

POSITIONS (continued):

- Graduate Student Researcher** May, 1995 - Nov., 1996
University of California, Berkeley
Advisor: Alex Filippenko, Department of Astronomy
- Graduate Student Instructor** Sep., 1994 - May, 1995
University of California, Berkeley, Department of Astronomy

STUDENTS SUPERVISED AT U. PITTSBURGH:

- Catherine Fielder, Ph.D. c. 2021: Galaxy Evolution
Rongpu Zhu, Ph.D. c. 2019: DESI Target Selection and Galaxy Clustering
Dritan Kodra, Ph.D. c. 2018: Photometric Redshift Methods
Abhishek Prakash, Ph.D. 2017: eBOSS and DESI Target Selection
Currently Postdoctoral Researcher at California Institute of Technology
Timothy Licquia, Ph.D. 2016: DESI Target Selection and Galaxy Evolution
Currently Advanced Analytics Data Scientist at Dow Chemical
Dan Matthews, Ph.D. 2014: Photometric Redshift Calibration
Currently Regulatory Reporting Data Analyst at Confluence Technologies, Inc.
Olivia Telford, B.S. 2013: Analysis of DEEP3 and CANDELS data
Currently Ph.D. student at U. Washington; received NSF graduate fellowship
Matthew Brinson, B.S. 2012: Analysis of DEEP3 data
Chelsea Vincent, B.S. 2012: Improving reductions of problem DEEP2 objects
Advait Salgarkar, M.S. 2011: Photometric Redshift Measurement
Dara Krute, CMU B.S. 2011: Multiwavelength catalog matching methods (NSF REU)
Adam Walker, CMU B.S. 2010: DEEP2 flux calibration (NSF REU)
Jennifer Sykes, B.S. 2009: Google Sky integration of EGS data

OTHER GRADUATE STUDENT PROJECTS SUPERVISED AT U. PITTSBURGH:

- Sumit Sarbadhicary and Kara Ponder: Investigating Fast Radio Bursts
with machine learning methods
Suchetana Chatterjee, Ph. D. 2009: Extended X-ray emission around AGN

STUDENTS CO-SUPERVISED PREVIOUSLY:

- Julia Comerford, Ph. D. 2009: Dual Active Galactic Nuclei
Currently Assistant Professor at U. Colorado – Boulder
Roger Griffith, B.S. 2008: Galaxy morphology measurements in *HST* imaging;
Carmen Anderson, B.S. 2007: Double-peaked AGN in DEEP2
Michael Cooper, Ph.D. 2007: DEEP2 pipeline development; Galaxy environments in
DEEP2; DEEP2 galaxy kinematics; Spitzer Fellowship 2007-2010;
Currently Associate Professor at University of California - Irvine
Brian Gerke, Ph.D. 2007: Searches for galaxy groups and clusters in DEEP2;
KIPAC fellowship 2007-10;
Currently staff at Lawrence Berkeley Laboratory National Laboratory

STUDENTS CO-SUPERVISED PREVIOUSLY (continued):

- Renbin Yan, Ph.D. 2007: K+A galaxies in DEEP2; Properties of red galaxies in SDSS;
Currently Associate Professor at University of Kentucky
- Rachel Strickler, B.S. 2005: DEEP2 1d power spectrum
- Charlie Conroy, B.S. 2005: Mass measurements with DEEP2 satellite galaxies; DEEP2 void statistics;
Currently Professor at Harvard University
- Alison Coil, Ph.D. 2004: DEEP2 photometry & correlation function measurements; Received Hubble Fellowship and Spitzer Fellowship;
Currently Professor at the University of California - San Diego
- Bryan Méndez, Ph.D. 2002: TRGB measurements of local flows;
Currently staff member at the Berkeley Space Sciences Laboratory
- John Moustakas, B.S. 2000: Tip of the Red Giant Branch (TRGB) distance estimation;
Currently Associate Professor at Siena College

RESEARCH INTERESTS:

- The large-scale structure of the Universe
Relationships between galaxy properties and environment/LSS
Surveys and multiwavelength studies of galaxies
Measurement of fundamental cosmological and physical parameters
Applications of statistical and machine learning techniques to astronomy
Tools for automated data reduction and analysis

SUCCESSFUL GRANT AND PROPOSAL ACTIVITIES:

- PI of NASA Astrophysics Data Analysis Program grant,
A Multiwavelength View of the Milky Way from its Extragalactic Analogs, \$505k (2019-2021)
- Co-PI of U.S. Department of Energy HEP grant, *Particle Physics and Cosmology at the University of Pittsburgh*, \$5.1M (2018-2021)
(Newman share: \$185k)
- PI, SDSS-IV/MaNGA Ancillary Program, *Structural Analogs of the Milky Way*, 2017-2020
- Co-PI of U.S. Department of Energy HEP grant, *Particle Physics and Cosmology at the University of Pittsburgh*, \$4.6M (2015-2018)
(Newman share: \$480k)
- PI of \$88k SLAC subaward, *LSST DESC – Deputy Spokesperson*, 2014-2017
- PI, SDSS-IV/MaNGA Ancillary Program, *Exploring Milky Way Analogs with MaNGA*, 2014-2020
- Co-I and co-author, *SEQUELS: the Sloan Extended Quasar, ELG, and LRG Survey*
SDSS-III ancillary proposal (obtained > 30k LRG spectra), 2013

Co-I and primary author, *Exploring $z \lesssim 0.6$ LRGs from SDSS and WISE* SDSS-III ancillary proposal (obtained $> 10k$ spectra), 2012

Co-I and co-author, *e-BOSS (extended BOSS): The novel Sloan legacy cosmological survey* After Sloan 3 proposal, 2011

PI, U.S. Department of Energy Early Career Research Program, 2010
Proposal: *Overcoming Photometric Redshift Systematics in Dark Energy Experiments*, \$750k (2010 - 2015)

Co-I and Pitt PI, 902-orbit/ \sim \$8M *Hubble Space Telescope* Multi-Cycle Treasury proposal: CANDELS (the Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey), 2010
U. Pittsburgh share: \$124k, 2010-2016

Co-I and co-author, NSF Cyber-Enabled Discovery and Innovation grant, *CDI-Type II: Understanding the Universe through Scalable Navigation of a Galaxy of Annotations* (PI: A. Labrinidis); \$1.6M total, Newman share \$317k, 2010-2016

PI of NSF REU supplement proposal, \$15,000 (2009-10)

Co-author and Pitt PI on NSF \$2.2M/5 year proposal:
Collaborative Research: The DEEP3 Survey: Three Fundamental Tests of Galaxy Evolution (2008-2015; \$285k U. Pitt. total)

Co-author and Pitt PI on DOE proposal:
Optimizing New Dark Energy Experiments (2007-; supplement successfully applied for in 2009; \sim \$100k U. Pitt. total)

Co-I and co-author of Keck Large Multi-Annual Program Proposal (30 nights total): *The DEEP3 Survey of the Distant Universe* (2007)

Co-author of and Collaborator on NSF \$1.8M/3 year AST proposal:
The DEEP Survey—Emergence of the Modern Universe (2005)

PI of Subaru proposal, *Y-band Imaging in the Extended Groth Strip*, 2010

Co-I and principal author of 5 successful Keck Observatory proposals and Co-I and co-author of ~ 10 more, totalling > 120 nights (1998-2006)

Co-I and principal author of 126-orbit/ \sim \$0.8M *Hubble Space Telescope/Advanced Camera for Surveys* proposal:
The Evolution and Assembly of Galactic Disks: Integrated studies of mass, stars and gas in the Extended Groth Strip (2004)

Co-I and co-author of \$80k *Hubble Space Telescope* Archival proposal:
Galaxy Environments and Evolution in the GOODS-N Field (2006)

Co-I and co-author of \$0.5M NASA Long-Term Space Astrophysics proposal: *Star Formation and Galaxy Dynamics at $z \sim 1$* (2003)

Co-I and co-author of Keck Large Multi-Annual Program Proposal (80 nights total): *The DEEP2 Survey of the Distant Universe* (2002)

Co-I and co-author of \$2.2M/5 year NSF AST proposal:
The DEEP Survey of the Distant Universe (2000)

TEACHING ACTIVITIES:

Astronomy 88 (Stonehenge to Hubble), Fall 2017
Astronomy 89 (Stars, Galaxies, and the Cosmos), Spring 2008, 2009, 2011 & 2013, Fall 2018
Astronomy 113 (Introduction to Astrophysics), Fall 2009, Fall 2011
Astronomy 1121 (Galaxies and Cosmology), Spring 2010, 2012, 2014, 2018
Astronomy 3580 (Galactic and Extragalactic Astronomy) Spring 2014, 2018
Astronomy 3705 (Techniques of Observational Astronomy), Fall 2008, 2010, 2012, 2014

DEPARTMENTAL AND UNIVERSITY SERVICE:

Search Committee for Senior Vice Chancellor for Research, U. Pittsburgh, 2017
Member, Dietrich School of Arts and Sciences Council, 2014-17
U. Pittsburgh Institutional Representative to the Board of the LSST Corporation, 2007-;
member, LSST Budget and Audit Committees
U. Pittsburgh Representative to the DESI Institutional Board, 2013-
U. Pittsburgh Representative to the AURA Board, 2013-2018
Organized successful U. Pittsburgh application to join AURA (the Association
of Universities for Research in Astronomy), 2012
Chair, Machine Learning in Astrophysics and Particle Physics search, 2018 – 19
Led department application to be an APS Bridge Program partnership site, 2017
Chair, Diversity committee, 2017 –
Member, Colloquium committee, 2017 –
Chair, Undergraduate Program Assessment committee, 2014-2017
Member, Strategic Planning committee, 2013 –
Coordinated U. Pittsburgh membership in SDSS-IV survey, 2013
Member, Undergraduate Program Assessment committee, 2008 – 17
Member, Undergraduate Curriculum committee, 2007 –
(led development of revised curricula for degree programs in Astronomy
and Physics & Astronomy, approved in 2012)
Member, Allegheny Observatory committee, 2008 –
Member, Graduate Computing committee, 2007 – 2010
Thesis committee member for Simone Aiola, Elizabeth Blair, Jerod Caligiuri,
Colin DeGraf (CMU), Beatriz Etchegaray (CMU), Andrew Hearin,
Chien-Hao Lin (CMU), Christine Mazzola, Daniel Perrefort, Kara Ponder, Jlio Ramos
Caineta (Geology), Joseph Richards (CMU), Kevin Sapp, Sumit Sarbadhicary,
Gen Sardane, Sukhdeep Singh (CMU), Shailendra Vikas, Antonio Villarreal,
Mei-Yu Wang, Anja Weyant, Fernando Zago, and Hongyu Zhou (CMU)
Thesis committee chair for Catherine Fielder, Dritan Kodra, Timothy Licquia, Daniel
Matthews, Abhishek Prakash, and Rongpu Zhou

Created department entry on the AIP Female-Friendly Physics Department page, 2011
Assisted with graduate student advising, 2010-2011
Coordinated DOE supplemental infrastructure funding request, 2009
Member of Astronomy faculty search committees, 2007-2008, 2008-2009,
2009-2010, 2010-2011, 2017-18, 2018-19

PROFESSIONAL ACTIVITIES:

Co-convenor, LSST Dark Energy Science Collaboration (DESC) Follow-up Task Force, 2018 –
SOC, *AstroData2020s: Science Opportunities with Astrophysics Archives of the
Next Decade* Workshop (2018)
SOC, *The Universe by the Light of CANDELS: Past and Future* Meeting (2018)
SOC, *WFIRST/LSST Deep Fields* Workshop (2018)
Member, LSST Dark Energy Science Collaboration (DESC) Collaboration Council, 2017 –
Time Allocation Committee, Hubble Space Telescope, 2017
Study Organizing Committee and chapter lead author, *Maximizing Science in the Era
of LSST: A Community-based Study of Needed US OIR Capabilities*, 2015–2016
SOC, *Future Cosmic Surveys* workshop (2016)
SOC, Southern Spectroscopic Survey Instrument Workshop (2016)
SOC and LOC, *Photometric Redshifts for LSST* Workshop (2016)
SOC, *Statistical Challenges in Modern Astronomy VI* Conference (2016)
Member, LSST Dark Energy Science Collaboration (DESC) Operations Committee, 2016 –
Panel member, DOE-HEP mini-reviews of the Dark Energy Survey, 2016 & 2017
Member, *WFIRST* satellite WAIFS Science Investigation Team (PI: Saul Perlmutter), 2015 –
Chair, LSST Dark Energy Science Collaboration (DESC) Operations Committee, 2015 – 16
Architect, SDSS-IV/eBOSS survey, 2015- (provides right to authorship on all papers)
Deputy Spokesperson, LSST Dark Energy Science Collaboration, 2014–2017
(This is the #2 position in the collaboration, which currently has ~ 700 members)
Lecturer, Corfu Doctoral School on Dark Energy and Galaxy Redshift Surveys, 2014
Led work on two white papers to the National Academy of Sciences panel on
A Strategy to Optimize the U.S. Optical and Infrared System in the Era of LSST, 2014
Analysis Coordinator, LSST Dark Energy Science Collaboration, 2012-2014
Co-Chair, DESI Target Selection Working Group, 2014-2015
Convener, Photometric Redshift Working Group, LSST DESC, 2012-2015
Science Team member, Maunakea Spectroscopic Explorer telescope, 2014 –
Proposal reviewer, NSF Astronomy and Astrophysics Grant Program, 2012
Proposal reviewer, NASA Postdoctoral Fellowship Program, 2012–
Presenter, DESI U.S. Department of Energy Critical Decision 1 (CD1) review,
September 2014
Presenter, SDSS-IV/eBOSS review, December 2013
Member, BigBOSS/DES joint working group, 2011-2012
Presenter, BigBOSS U.S. Department of Energy Critical Decision 0 (CD0) review,
December 2011

Presenter, LSST U.S. DOE CD1 review, November 2011
 BigBOSS/Dark Energy Survey Joint Working Group, 2011-
 Publications Coordinator, CANDELS, 2011-
 Chair, LSST Photometric Redshifts Working Group, 2010 -
 Member and U. Pittsburgh institutional contact, BigBOSS Collaboration;
 co-author of BigBOSS spectrograph proposal, 2010 -
 AEGIS Executive Committee, 2008 – present
 Co-I, CANDELS (Cosmic Assembly Deep Extragalactic Legacy Survey) team
 Senior Core Member, DEEP2 Collaboration (part of AEGIS)
 Member, SNAP Telescope Requirements Review Board, 2007
 Member, Space Telescope Science Institute MAST Users' Group, 2005–2008
 LOC and SOC member, Marc Davis *Fest* (Jan. 2008)
 Other LSST activities: Co-author of white paper: “A Plan for Photo-z Calibrations”;
 active member of the Galaxies, Large-Scale Structure, AGN,
 and Weak Lensing collaborations; participated in LSST presentation to
 the Decadal Survey; coauthor of two Deep Drilling Field white papers
 Major contributor to the LSST Science Book; helped organize Galaxies
 collaboration efforts
 Referee, *Astrophys. Journal*, *Ap.J. Letters*, *Monthly Notices of the Royal
 Astronomical Society*

OUTREACH ACTIVITIES:

Manned a career booth about physics and astronomy at Odyssey of the Mind meet, 2018
 Taught an Osher Lifelong Learning Institute class on *Surveying the Universe: The
 Big Data Revolution in Astronomy*, 2017
 Talk on *The Color of the Milky Way* at the U. Pittsburgh *Science 2016* showcase, 2016
 Hosted a booth at Allegheny Observatory for the White House Astronomy
 Night, 2016
 Lectured on *Photometric Redshifts* at the LSST Dark Energy School, 2016
 Wrote an Explain it in 60 Seconds article for *Symmetry* magazine, 2013
 (<http://www.symmetrymagazine.org/article/december-2013/baryonic-acoustic-oscillations>).
 Interviewed by WTAE TV and The X 105.9 radio about asteroid near-miss, 2013
 Radio interview on solar coronal mass ejection, 2012
 Public Talk, Allegheny Observatory, 2012
 American Astronomical Society press conference on *The Nearest and Dearest Spiral
 Galaxies* and accompanying press release on the color of the Milky Way,
 Jan. 2012. This work was highlighted by the NSF, *Wired*, and the BBC, and
 was the subject of many articles both domestically and internationally.
 Radio interviews on the (ever-)changing zodiac and
 Space Shuttle decommissioning, 2011
 Public Talk, Amateur Astronomers Association of Pittsburgh, 2010
 Talk for Allderdice High School students, 2010

Public Talk, Carnegie Science Center, 2009
Public Talk, Cline Observatory (Greensboro, NC), 2009
Public Talk, Allegheny Observatory, 2008
Implementation and dissemination of AEGIS data in Google Sky
Development of tool allowing overlay of arbitrary catalogs on Google Sky, 2008-2009

PROFESSIONAL DEVELOPMENT:

Center for Astronomy Education 2-day Workshop, April 2008
American Physical Society New Faculty Workshop, June 2008

PROFESSIONAL SOCIETIES:

American Astronomical Society
American Physics Society

INVITED TALKS, COLLOQUIA AND SEMINAR PRESENTATIONS:

Invited talk, *Snowpac 2018: Big Questions, Big Surveys, Big Data: Astronomy and Cosmology in the 2020s*, Snowbird, 2018
Invited talk, *NOAO Community Needs for Science in the 2020s: Decadal Survey Community Planning Workshop*, Tucson, 2018
Invited talk, *Exploiting Extra-galactic Synergies between WFIRST and Future Facilities* workshop, Caltech, 2018
Invited talk, *WFIRST-Subaru Synergistic Observations Workshop*, Tokyo, 2017
Session organizer, invited talk: *Cosmic Visions Workshop: Dark Energy*, Lawrence Berkeley National Lab, 2017
Invited Talk, *Statistical Challenges in Modern Astronomy VI conference*, Pittsburgh, 2016
Invited Talk, Astro-1 workshop (for a potential new satellite; remote talk), 2016
Invited Talk, Southern Spectroscopic Survey Instrument workshop, Argonne Lab, 2016
Invited Talk, WFIRST/LSST workshop, Caltech, 2016
2 invited talks, *Future Cosmic Surveys* workshop, U. Chicago, 2016
Invited seminar, Ohio University, 2016
Invited Talk, *Coordinating Panel for Advanced Detectors Instrument Frontier* workshop, Caltech, 2016
Colloquium, University of Maryland at College Park Dept. of Astronomy, 2016
Invited talk, *Cross-correlation Spectacular with LSST: Exploring Synergies Between LSST and External Datasets to Discover Fundamental Physics* workshop, Brookhaven, 2016
Invited talk, *Maximizing Science in the Era of LSST: A Community-based Study of Needed US OIR Capabilities* workshop, Tucson, AZ, 2016
Invited talk, *Cosmology Using Low Resolution Spectroscopy in the 2020s* workshop at U. Chicago, 2016
Colloquium, University of Pittsburgh, 2015
Invited Talk, DOE Cosmic Visions workshop, Brookhaven National Laboratory, 2015
Seminar, Kavli Institute for the Physics and Mathematics of the Universe, Tokyo, 2015

Seminar, Princeton University Department of Astrophysical Sciences, 2015
 Seminar, Ohio State University Center of Cosmology and Astro Particle Physics, 2015
 Invited talk, *Multi-Object Spectroscopy in the Next Decade: Big Questions, Large Surveys and Wide Fields* conference, Canary Islands, 2015
 Seminar, Observatorio Nacional (Rio de Janeiro, Brazil), 2014
 Invited talk, LSST/WFIRST Workshop, University of Pennsylvania, 2014
 Colloquium, University of Massachusetts (Amherst), 2014
 Invited Talk, Joint DES/LSST Workshop, Fermilab, 2014
 Invited Talk, Giant Magellan Telescope Workshop, College Station, TX, 2014
 Invited Talk, Giant Magellan Telescope Town Hall, AAS Winter Meeting, 2014
 Invited talk, Snowmass on the Mississippi conference, Minneapolis, 2013
 Seminar, Lawrence Berkeley National Laboratory, Berkeley, 2013
 Seminar, Stanford University, Palo Alto, 2013
 Invited talk, American Physical Society April meeting, Denver, 2013
 Invited talk, BigBOSS Science Workshop, LBNL, 2012
 Colloquium, U. Pittsburgh Department of Computer Science, 2012
 Press conference presentation, AAS Winter Meeting, Austin, TX 2012
 Colloquium, U. Pittsburgh Department of Physics and Astronomy, 2012
 Colloquium, University of Texas at Austin Department of Astronomy, 2011
 Invited Talk, *Fundamental Physics and Large Scale Structure*, Perimeter Institute, 2010
 Invited Talk, BigBOSS Workshop, Berkeley, 2009
 Invited Talk, *Deep/Wide/Fast* Workshop, Aspen, 2009
 Colloquium, Pennsylvania State University, 2009
 Colloquium, University of Pennsylvania, 2009
 Particle Astrophysics Seminar, University of Michigan-Ann Arbor, 2009
 Seminar, University of North Carolina at Chapel Hill, 2009
 Colloquium, Ohio State University, 2008
 Invited Talk, *Surveys and Simulations of Large-Scale Structure: A Celebration of Marc Davis'60th Birthday*, 2008
 Invited Talk, *Great Lakes Cosmology Workshop*, 2008
 Invited Talk, *PHAT (Photo-z Analysis Team) Workshop*, 2008
 Seminar, University College, London, 2008
 Invited Talk, *Spectroscopy in Cosmology and Galaxy Evolution 2005-2015*, Granada, Spain, 2007
 Colloquium, U. Pittsburgh, Department of Physics and Astronomy, 2007
 Colloquium, Yale University, Department of Physics, 2007
 Colloquium, Princeton University, Department of Physics, 2007
 Seminar, Space Telescope Science Institute, 2007
 Seminar, Fermi National Accelerator Laboratory, 2007
 Colloquium, Vanderbilt University, Department of Physics and Astronomy, 2007
 Colloquium, U.C. Davis, Department of Physics and Astronomy, 2007

Colloquium, U.C. Berkeley, Department of Astronomy, 2006
Colloquium, U. Michigan-Ann Arbor, Department of Astronomy, 2006
Colloquium, U. Pennsylvania, Department of Physics and Astronomy, 2006
Colloquium, U. Massachusetts, Department of Astronomy, 2006
Colloquium, U. Washington, Department of Astronomy, 2005
Colloquium, U.C. Berkeley Department of Physics, 2005
Invited Talk, *Plumian 300: The Quest for a Concordance Cosmology and Beyond*,
Cambridge, UK, 2004
Colloquium, U.C. Berkeley Department of Astronomy, 2002

GRADUATE FELLOWSHIPS AND HONORS:

Mary Elizabeth Uhl Prize (“for outstanding scholarly achievement”), 2000
The Berkeley Fellowship, 1997-1999
NSF Graduate Research Fellowship, 1994-1997

UNDERGRADUATE HONORS AND AWARDS:

Dorfman Prize for Undergraduate Research, 1994
High Honors in Physics and High Honors in Astronomy, 1994
Summa Cum Laude (all degrees), 1994
Senior Summer Scholarship (advisor: Leo Blitz), 1993
Admitted to Phi Beta Kappa and received Phi Beta Kappa Junior Award, 1993
Princeton Plasma Physics Lab Summer Undergraduate Research Fellowship, 1992
Francis Scott Key Scholarship (full academic scholarship), 1990-1994
National Merit Scholarship, 1990

PUBLICATIONS

Summary statistics from ADS queries: more than 350 publications, with more than 27,500 citations in total, yielding h-index=85; more than 200 refereed publications, with more than 23,500 citations in total, yielding h-index=80.

- Bates, D., Tojeiro, R., Newman, J. A., Gonzalez-Perez, V., Comparat, J., Schneider, D. P., Lima, M. & Streblyanska, A.: *Mass Functions, Luminosity Functions, and Completeness Measurements from Clustering Redshifts*, ArXiv e-print, Arxiv:1810.01767 (2018)
- Mandelbaum, R., Eifler, T., Hložek, R., Collett, T., Gawiser, E., Scolnic, D., Alonso, D., Awan, H., Biswas, R., Blazek, J., Burchat, P., Chisari, N. E., Dell'Antonio, I., Digel, S., Frieman, J., Goldstein, D. A., Hook, I., Ivezić, Ž., Kahn, S. M., Kamath, S., Kirkby, D., Kitching, T., Krause, E., Leget, P.-F., Marshall, P. J., Meyers, J., Miyatake, H., Newman, J. A., Nichol, R., Rykoff, E., Sanchez, F. J., Slosar, A., Sullivan, M. & Troxel, M. A.: *The LSST Dark Energy Science Collaboration (DESC) Science Requirements Document*, ArXiv e-print, Arxiv:1809.01669 (2018)
- Bautista, J. E., Vargas-Magaña, M., Dawson, K. S., Percival, W. J., Brinkmann, J., Brownstein, J., Camacho, B., Comparat, J., Gil-Marín, H., Mueller, E.-M., Newman, J. A., Prakash, A., Ross, A. J., Schneider, D. P., Seo, H.-J., Tinker, J., Tojeiro, R., Zhai, Z. & Zhao, G.-B.: *The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Baryon Acoustic Oscillations at Redshift of 0.72 with the DR14 Luminous Red Galaxy Sample*, ApJ,863,110 (2018)
- Parikh, T., Thomas, D., Maraston, C., Westfall, K. B., Goddard, D., Lian, J., Meneses-Goytia, S., Jones, A., Vaughan, S., Andrews, B. H., Bershadsky, M., Bizyaev, D., Brinkmann, J., Brownstein, J. R., Bundy, K., Drory, N., Emsellem, E., Law, D. R., Newman, J. A., Roman-Lopes, A., Wake, D., Yan, R. & Zheng, Z.: *SDSS-IV MaNGA: the spatially resolved stellar initial mass function in ~ 400 early-type galaxies*, MNRAS,477,3954 (2018)
- Fielder, C. E., Mao, Y.-Y., Newman, J. A., Zentner, A. R. & Licquia, T. C.: *Predictably Missing Satellites: Subhalo Abundance in Milky Way-like Halos*, ArXiv e-print, Arxiv:1807.05180 (2018)
- Fang, J. J., et al.: *Demographics of Star-forming Galaxies since $z \approx 2.5$. I. The UVJ Diagram in CANDELS*, ApJ,858,100 (2018)
- Mantha, K. B., McIntosh, D. H., Brennan, R., Ferguson, H. C., Kodra, D., Newman, J. A., Rafelski, M., Somerville, R. S., Conselice, C. J., Cook, J. S., Hathi, N. P., Koo, D. C., Lotz, J. M., Simmons, B. D., Straughn, A. N., Snyder, G. F., Wuyts, S., Bell, E. F., Dekel, A., Kartaltepe, J., Kocevski, D. D., Koekemoer, A. M., Lee, S.-K., Lucas,

- R. A., Pacifici, C., Peth, M. A., Barro, G., Dahlen, T., Finkelstein, S. L., Fontana, A., Galametz, A., Grogin, N. A., Guo, Y., Mobasher, B., Nayyeri, H., Pérez-González, P. G., Pforr, J., Santini, P., Stefanon, M. & Wiklind, T.: *Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy-galaxy pairs from $z = 3$ to $z = 0$* , MNRAS,475,1549 (2018)
- Dey, A., et al.: *Overview of the DESI Legacy Imaging Surveys*, ArXiv e-print, Arxiv:1804.08657 (2018)
- Abolfathi, B., et al.: *The Fourteenth Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the Extended Baryon Oscillation Spectroscopic Survey and from the Second Phase of the Apache Point Observatory Galactic Evolution Experiment*, The Astrophysical Journal Supplement Series,235,42 (2018)
- Ata, M., et al.: *The clustering of the SDSS-IV extended Baryon Oscillation Spectroscopic Survey DR14 quasar sample: first measurement of baryon acoustic oscillations between redshift 0.8 and 2.2*, MNRAS,473,4773 (2018)
- Wang, Y., Robberto, M., Dickinson, M., Ferguson, H. C., Hillenbrand, L. A., Fraser, W., Behroozi, P., Brinchmann, J., Cimatti, A., Content, R., Daddi, E., Hirata, C., Hudson, M. J., Kirkpatrick, J. D., Orsi, A., Ballardini, M., Barkhouser, R., Bartlett, J., Benjamin, R., Chary, R., Chuang, C.-H., Conroy, C., Donahue, M., Dore, O., Eisenhardt, P., Glazebrook, K., Helou, G., Malhotra, S., Moscardini, L., Newman, J. A., Ninkov, Z., Ressler, M., Rhoads, J., Rhodes, J., Scolnic, D., Shapley, A., Smee, S., Valentino, F. & Wechsler, R. H.: *ATLAS Probe: Breakthrough Science of Galaxy Evolution, Cosmology, Milky Way, and the Solar System*, ArXiv e-print, Arxiv:1802.01539 (2018)
- Mao, Y.-Y., Kovacs, E., Heitmann, K., Uram, T. D., Benson, A. J., Campbell, D., Cora, S. A., DeRose, J., Di Matteo, T., Habib, S., Hearin, A. P., Bryce Kalmbach, J., Krughoff, K. S., Lanusse, F., Lukić, Z., Mandelbaum, R., Newman, J. A., Padilla, N., Paillas, E., Pope, A., Ricker, P. M., Ruiz, A. N., Tenny, A., Vega-Martínez, C. A., Wechsler, R. H., Zhou, R., Zu, Y. & LSST Dark Energy Science Collaboration: *DESCQA: An Automated Validation Framework for Synthetic Sky Catalogs*, The Astrophysical Journal Supplement Series,234,36 (2018)
- Mantha, K., McIntosh, D. H., Conselice, C., Cook, J. S., Croton, D. J., Dekel, A., Ferguson, H. C., Hathi, N., Kodra, D., Koo, D. C., Lotz, J. M., Newman, J. A., Popping, G., Rafelski, M., Rodriguez-Gomez, V., Simmons, B. D., Somerville, R., Straughn, A. N., Snyder, G., Wuyts, S., Yu, L. & Cosmic Assembly Near-Infrared Deep Extragalactic Legacy Survey (CANDELS) Team: *Major Mergers in CANDELS up to $z=3$: Calibrating the Close-Pair Method Using Semi-Analytic Models and Baryonic Mass Ratio Estimates*, American Astronomical Society Meeting Abstracts #231,231,258.01 (2018)

- Pandya, V., Brennan, R., Somerville, R. S., Choi, E., Barro, G., Wuyts, S., Taylor, E. N., Behroozi, P., Kirkpatrick, A., Faber, S. M., Primack, J., Koo, D. C., McIntosh, D. H., Kocevski, D., Bell, E. F., Dekel, A., Fang, J. J., Ferguson, H. C., Grogin, N., Koekemoer, A. M., Lu, Y., Mantha, K., Mobasher, B., Newman, J., Pacifici, C., Papovich, C., van der Wel, A. & Yesuf, H. M.: *The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations*, MNRAS,472,2054 (2017)
- Albareti, F. D., et al.: *The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory*, The Astrophysical Journal Supplement Series,233,25 (2017)
- Rhodes, J., Nichol, R. C., Aubourg, É., Bean, R., Boutigny, D., Bremer, M. N., Capak, P., Cardone, V., Carry, B., Conselice, C. J., Connolly, A. J., Cuillandre, J.-C., Hatch, N. A., Helou, G., Hemmati, S., Hildebrandt, H., Hložek, R., Jones, L., Kahn, S., Kiessling, A., Kitching, T., Lupton, R., Mandelbaum, R., Markovic, K., Marshall, P., Massey, R., Maughan, B. J., Melchior, P., Mellier, Y., Newman, J. A., Robertson, B., Sauvage, M., Schrabback, T., Smith, G. P., Strauss, M. A., Taylor, A. & Von Der Linden, A.: *Scientific Synergy between LSST and Euclid*, The Astrophysical Journal Supplement Series,233,21 (2017)
- Zhai, Z., Tinker, J. L., Hahn, C., Seo, H.-J., Blanton, M. R., Tojeiro, R., Camacho, H. O., Lima, M., Carnero Rosell, A., Sobreira, F., da Costa, L. N., Bautista, J. E., Brownstein, J. R., Comparat, J., Dawson, K., Newman, J. A., Prakash, A., Roman-Lopes, A. & Schneider, D. P.: *The Clustering of Luminous Red Galaxies at $z \approx 0.7$ from EBOSS and BOSS Data*, ApJ,848,76 (2017)
- LSST Science Collaboration, Marshall, et al.: *Science-Driven Optimization of the LSST Observing Strategy*, ArXiv e-print, Arxiv:1708.04058 (2017)
- Robertson, B. E., et al.: *Large Synoptic Survey Telescope Galaxies Science Roadmap*, ArXiv e-print, Arxiv:1708.01617 (2017)
- Blanton, M. R., et al.: *Sloan Digital Sky Survey IV: Mapping the Milky Way, Nearby Galaxies, and the Distant Universe*, AJ,154,28 (2017)
- Stefanon, M., et al.: *CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip*, The Astrophysical Journal Supplement Series,229,32 (2017)
- Delubac, T., Raichoor, A., Comparat, J., Jouvel, S., Kneib, J.-P., Yèche, C., Zou, H., Brownstein, J. R., Abdalla, F. B., Dawson, K., Jullo, E., Myers, A. D., Newman, J. A., Percival, W. J., Prada, F., Ross, A. J., Schneider, D. P., Zhou, X., Zhou, Z. & Zhu, G.: *The SDSS-IV eBOSS: emission line galaxy catalogues at $z \approx 0.8$ and study of systematic errors in the angular clustering*, MNRAS,465,1831 (2017)

- Brennan, R., Pandya, V., Somerville, R. S., Barro, G., Bluck, A. F. L., Taylor, E. N., Wuyts, S., Bell, E. F., Dekel, A., Faber, S., Ferguson, H. C., Koekemoer, A. M., Kurczynski, P., McIntosh, D. H., Newman, J. A. & Primack, J.: *The relationship between star formation activity and galaxy structural properties in CANDELS and a semi-analytic model*, MNRAS,465,619 (2017)
- Simmons, B. D., et al.: *Galaxy Zoo: quantitative visual morphological classifications for 48 000 galaxies from CANDELS*, MNRAS,464,4420 (2017)
- Mantha, K. B., McIntosh, D. H., Brennan, R., Cook, J., Kodra, D., Newman, J., Somerville, R. S., Barro, G., Behroozi, P., Conselice, C., Dekel, A., Faber, S. M., Closson Ferguson, H., Finkelstein, S. L., Fontana, A., Galametz, A., Perez-Gonzalez, P., Grogin, N. A., Guo, Y., Hathi, N. P., Hopkins, P. F., Kartaltepe, J. S., Kocevski, D., Koekemoer, A. M., Koo, D. C., Lee, S.-K., Lotz, J. M., Lucas, R. A., Nayyeri, H., Peth, M., Pforr, J., Primack, J. R., Santini, P., Simmons, B. D., Stefanon, M., Straughn, A., Snyder, G. F. & Wuyts, S.: *Constraining the Merging History of Massive Galaxies Since Redshift 3 Using Close Pairs. I. Major Pairs from Candels and the SDSS*, American Astronomical Society Meeting Abstracts #229,229,347.15 (2017)
- Licquia, T. C., Newman, J. A. & Bershady, M. A.: *Does the Milky Way Obey Spiral Galaxy Scaling Relations?*, ApJ,833,220 (2016)
- Hutchinson, T. A., Bolton, A. S., Dawson, K. S., Allende Prieto, C., Bailey, S., Bautista, J. E., Brownstein, J. R., Conroy, C., Guy, J., Myers, A. D., Newman, J. A., Prakash, A., Carnero-Rosell, A., Seo, H.-J., Tojeiro, R., Vivek, M. & Ben Zhu, G.: *Redshift Measurement and Spectral Classification for eBOSS Galaxies with the redmonster Software*, AJ,152,205 (2016)
- Licquia, T. C. & Newman, J. A.: *Sizing Up the Milky Way: A Bayesian Mixture Model Meta-analysis of Photometric Scale Length Measurements*, ApJ,831,71 (2016)
- DESI Collaboration, Aghamousa, et al.: *The DESI Experiment Part II: Instrument Design*, ArXiv e-print, Arxiv:1611.00037 (2016)
- DESI Collaboration, Aghamousa, et al.: *The DESI Experiment Part I: Science, Targeting, and Survey Design*, ArXiv e-print, Arxiv:1611.00036 (2016)
- Najita, J., et al.: *Maximizing Science in the Era of LSST: A Community-Based Study of Needed US Capabilities*, ArXiv e-print, Arxiv:1610.01661 (2016)
- Law, D. R., Cherinka, B., Yan, R., Andrews, B. H., Bershady, M. A., Bizyaev, D., Blanc, G. A., Blanton, M. R., Bolton, A. S., Brownstein, J. R., Bundy, K., Chen, Y., Drory, N., D'Souza, R., Fu, H., Jones, A., Kauffmann, G., MacDonald, N., Masters, K. L., Newman, J. A., Parejko, J. K., Sánchez- Gallego, J. R., Sánchez, S. F., Schlegel, D. J., Thomas, D., Wake, D. A., Weijmans, A.-M., Westfall, K. B. & Zhang, K.:

- The Data Reduction Pipeline for the SDSS-IV MaNGA IFU Galaxy Survey*, AJ,152,83 (2016)
- Comparat, J., Zhu, G., Gonzalez-Perez, V., Norberg, P., Newman, J., Tresse, L., Richard, J., Yepes, G., Kneib, J.-P., Raichoor, A., Prada, F., Maraston, C., Yèche, C., Delubac, T. & Jullo, E.: *The evolution of the [O II], H β and [O III] emission line luminosity functions over the last nine billions years*, MNRAS,461,1076 (2016)
- Newman, J., Licquia, T., Fielder, C., Zentner, A. & Bershady, M.: *The Milky Way Disc In Its Extragalactic Context*, Discs in galaxies (Discs 2016),35 (2016)
- Comparat, J., et al.: *SDSS-IV eBOSS emission-line galaxy pilot survey*, AAP,592,A121 (2016)
- Comparat, J., et al.: *VizieR Online Data Catalog: SDSS-IV eBOSS emission-line galaxy pilot survey (Comparat+, 2016)*, VizieR Online Data Catalog/J/A+A/592/A121 (2016)
- Prakash, A., Licquia, T. C., Newman, J. A., Ross, A. J., Myers, A. D., Dawson, K. S., Kneib, J.-P., Percival, W. J., Bautista, J. E., Comparat, J., Tinker, J. L., Schlegel, D. J., Tojeiro, R., Ho, S., Lang, D., Rao, S. M., McBride, C. K., Ben Zhu, G., Brownstein, J. R., Bailey, S., Bolton, A. S., Delubac, T., Mariappan, V., Blanton, M. R., Reid, B., Schneider, D. P., Seo, H.-J., Carnero Rosell, A. & Prada, F.: *The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Luminous Red Galaxy Target Selection*, The Astrophysical Journal Supplement Series,224,34 (2016)
- McConnachie, A., et al.: *The Detailed Science Case for the Maunakea Spectroscopic Explorer: the Composition and Dynamics of the Faint Universe*, ArXiv e-print, Arxiv:1606.00043 (2016)
- Zhao, G.-B., Wang, Y., Ross, A. J., Shandera, S., Percival, W. J., Dawson, K. S., Kneib, J.-P., Myers, A. D., Brownstein, J. R., Comparat, J., Delubac, T., Gao, P., Hojjati, A., Koyama, K., McBride, C. K., Meza, A., Newman, J. A., Palanque-Delabrouille, N., Pogosian, L., Prada, F., Rossi, G., Schneider, D. P., Seo, H.-J., Tao, C., Wang, D., Yèche, C., Zhang, H., Zhang, Y., Zhou, X., Zhu, F. & Zou, H.: *The extended Baryon Oscillation Spectroscopic Survey: a cosmological forecast*, MNRAS,457,2377 (2016)
- Ben Zhu, G., Comparat, J., Kneib, J.-P., Delubac, T., Raichoor, A., Dawson, K. S., Newman, J., Yèche, C., Zhou, X. & Schneider, D. P.: *Erratum: “Near-ultraviolet Spectroscopy of Star-forming Galaxies from eBOSS: Signatures of Ubiquitous Galactic-scale Outflows”* [jA href="/abs/2015ApJ...815...48B" j\(2015, ApJ, 815, 48\)j/A j](#), ApJ,821,71 (2016)
- Dawson, K. S., et al.: *The SDSS-IV Extended Baryon Oscillation Spectroscopic Survey: Overview and Early Data*, AJ,151,44 (2016)

- Erfanianfar, G., Popesso, P., Finoguenov, A., Wilman, D., Wuyts, S., Biviano, A., Salvato, M., Mirkazemi, M., Morselli, L., Ziparo, F., Nandra, K., Lutz, D., Elbaz, D., Dickinson, M., Tanaka, M., Altieri, M. B., Aussel, H., Bauer, F., Berta, S., Bielby, R. M., Brandt, N., Cappelluti, N., Cimatti, A., Cooper, M. C., Fadda, D., Ilbert, O., Le Floch, E., Magnelli, B., Mulchaey, J. S., Nordon, R., Newman, J. A., Poglitsch, A. & Pozzi, F.: *Non- linearity and environmental dependence of the star-forming galaxies main sequence*, MNRAS,455,2839 (2016)
- Raichoor, A., Comparat, J., Delubac, T., Kneib, J.-P., Yèche, C., Zou, H., Abdalla, F. B., Dawson, K., de la Macorra, A., Fan, X., Fan, Z., Jiang, Z., Jing, Y., Jouvel, S., Lang, D., Lesser, M., Li, C., Ma, J., Newman, J. A., Nie, J., Palanque-Delabrouille, N., Percival, W. J., Prada, F., Shen, S., Wang, J., Wu, Z., Zhang, T., Zhou, X. & Zhou, Z.: *The SDSS-IV extended Baryon Oscillation Spectroscopic Survey: selecting emission line galaxies using the Fisher discriminant*, AAp,585,A50 (2016)
- Myers, A. D., Palanque-Delabrouille, N., Prakash, A., Pâris, I., Yeche, C., Dawson, K. S., Bovy, J., Lang, D., Schlegel, D. J., Newman, J. A., Petitjean, P., Kneib, J.-P., Laurent, P., Percival, W. J., Ross, A. J., Seo, H.-J., Tinker, J. L., Armengaud, E., Brownstein, J., Burtin, E., Cai, Z., Comparat, J., Kasliwal, M., Kulkarni, S. R., Laher, R., Levitan, D., McBride, C. K., McGreer, I. D., Miller, A. A., Nugent, P., Ofek, E., Rossi, G., Ruan, J., Schneider, D. P., Sesar, B., Streblyanska, A. & Surace, J.: *The SDSS- IV Extended Baryon Oscillation Spectroscopic Survey: Quasar Target Selection*, The Astrophysical Journal Supplement Series,221,27 (2015)
- Zhu, G. B., Comparat, J., Kneib, J.-P., Delubac, T., Raichoor, A., Dawson, K. S., Newman, J., Yèche, C., Zhou, X. & Schneider, D. P.: *Near- ultraviolet Spectroscopy of Star-forming Galaxies from eBOSS: Signatures of Ubiquitous Galactic-scale Outflows*, ApJ,815,48 (2015)
- Nandra, K., Laird, E. S., Aird, J. A., Salvato, M., Georgakakis, A., Barro, G., Perez-Gonzalez, P. G., Barmby, P., Chary, R.-R., Coil, A., Cooper, M. C., Davis, M., Dickinson, M., Faber, S. M., Fazio, G. G., Guhathakurta, P., Gwyn, S., Hsu, L.-T., Huang, J.-S., Ivison, R. J., Koo, D. C., Newman, J. A., Rangel, C., Yamada, T. & Willmer, C.: *VizieR Online Data Catalog: AEGIS-X Deep survey of EGS (AEGIS-XD) (Nandra+, 2015)*, VizieR Online Data Catalog,ApJS/220/10 (2015)
- Nandra, K., Laird, E. S., Aird, J. A., Salvato, M., Georgakakis, A., Barro, G., Perez-Gonzalez, P. G., Barmby, P., Chary, R.-R., Coil, A., Cooper, M. C., Davis, M., Dickinson, M., Faber, S. M., Fazio, G. G., Guhathakurta, P., Gwyn, S., Hsu, L.-T., Huang, J.-S., Ivison, R. J., Koo, D. C., Newman, J. A., Rangel, C., Yamada, T. & Willmer, C.: *AEGIS-X: Deep Chandra Imaging of the Central Groth Strip*, The Astrophysical Journal Supplement Series,220,10 (2015)
- Finkelstein, S. L., Ryan, R. E., Papovich, C., Dickinson, M., Song, M., Somerville, R. S., Ferguson, H. C., Salmon, B., Giavalisco, M., Koekemoer, A. M., Ashby, M. L. N.,

- Behroozi, P., Castellano, M., Dunlop, J. S., Faber, S. M., Fazio, G. G., Fontana, A., Grogin, N. A., Hathi, N., Jaacks, J., Kocevski, D. D., Livermore, R., McLure, R. J., Merlin, E., Mobasher, B., Newman, J. A., Rafelski, M., Tilvi, V. & Willner, S. P.: *The Evolution of the Galaxy Rest-frame Ultraviolet Luminosity Function over the First Two Billion Years*, ApJ,810,71 (2015)
- Chatterjee, S., Newman, J. A., Jeltama, T., Myers, A. D., Aird, J., Coil, A. L., Cooper, M., Finoguenov, A., Laird, E., Montero-Dorta, A., Nandra, K., Willmer, C. & Yan, R.: *X-ray Surface Brightness Profiles of Active Galactic Nuclei in the Extended Groth Strip: Implications for AGN Feedback*, Publications of the Astronomical Society of the Pacific,127,716 (2015)
- Licquia, T. C., Newman, J. A. & Brinchmann, J.: *Unveiling the Milky Way: A New Technique for Determining the Optical Color and Luminosity of Our Galaxy*, ApJ,809,96 (2015)
- Alam, S., et al.: *The Eleventh and Twelfth Data Releases of the Sloan Digital Sky Survey: Final Data from SDSS-III*, The Astrophysical Journal Supplement Series,219,12 (2015)
- Mobasher, B., Dahlen, T., Ferguson, H. C., Acquaviva, V., Barro, G., Finkelstein, S. L., Fontana, A., Gruetzbauch, R., Johnson, S., Lu, Y., Papovich, C. J., Pforr, J., Salvato, M., Somerville, R. S., Wiklind, T., Wuyts, S., Ashby, M. L. N., Bell, E., Conselice, C. J., Dickinson, M. E., Faber, S. M., Fazio, G., Finlator, K., Galametz, A., Gawiser, E., Giavalisco, M., Grazian, A., Grogin, N. A., Guo, Y., Hathi, N., Kocevski, D., Koekemoer, A. M., Koo, D. C., Newman, J. A., Reddy, N., Santini, P. & Wechsler, R. H.: *A Critical Assessment of Stellar Mass Measurement Methods*, ApJ,808,101 (2015)
- Chatterjee, S., Newman, J. A., Jeltama, T., Myers, A. D., Aird, J., Bundy, K., Conselice, C., Cooper, M., Laird, E., Nandra, K. & Willmer, C.: *X-Ray Emission in Non-AGN Galaxies at $z \approx 1$* , ApJ,806,136 (2015)
- Licquia, T. C. & Newman, J. A.: *Improved Estimates of the Milky Way's Stellar Mass and Star Formation Rate from Hierarchical Bayesian Meta-Analysis*, ApJ,806,96 (2015)
- Giallongo, E., Grazian, A., Fiore, F., Fontana, A., Pentericci, L., Vanzella, E., Dickinson, M., Kocevski, D., Castellano, M., Cristiani, S., Ferguson, H., Finkelstein, S., Grogin, N., Hathi, N., Koekemoer, A. M., Newman, J. A. & Salvato, M.: *Faint AGNs at $z > 4$ in the CANDELS GOODS-S field: looking for contributors to the reionization of the Universe*, AAp,578,A83 (2015)
- Mei, S., Scarlata, C., Pentericci, L., Newman, J. A., Weiner, B. J., Ashby, M. L. N., Castellano, M., Conselice, C. J., Finkelstein, S. L., Galametz, A., Grogin, N. A., Koekemoer, A. M., Huertas-Company, M., Lani, C., Lucas, R. A., Papovich, C., Rafelski,

- M. & Teplitz, H. I.: *Star-forming Blue ETGs in Two Newly Discovered Galaxy Overdensities in the HUDF at $z=1.84$ and 1.9 : Unveiling the Progenitors of Passive ETGs in Cluster Cores*, ApJ,804,117 (2015)
- Bacon, D., Bridle, S., Abdalla, F. B., Brown, M., Bull, P., Camera, S., Fender, R., Grainge, K., Ivezić, Z., Jarvis, M., Jackson, N., Kirk, D., Mann, B., McEwen, J., McKean, J., Newman, J. A., Raccanelli, A., Sahlen, M., Santos, M., Tyson, T. & Zhao, G.: *Synergy between the Large Synoptic Survey Telescope and the Square Kilometre Array*, Advancing Astrophysics with the Square Kilometre Array (AASKA14),145 (2015)
- Prakash, A., Licquia, T. C., Newman, J. A. & Rao, S. M.: *Luminous Red Galaxies: Selection and Classification By Combining Optical and Infrared Photometry*, ApJ,803,105 (2015)
- Santini, P., Ferguson, H. C., Fontana, A., Mobasher, B., Barro, G., Castellano, M., Finkelstein, S. L., Grazian, A., Hsu, L. T., Lee, B., Lee, S.-K., Pforr, J., Salvato, M., Wiklind, T., Wuyts, S., Almaini, O., Cooper, M. C., Galametz, A., Weiner, B., Amorin, R., Boutsia, K., Conselice, C. J., Dahlen, T., Dickinson, M. E., Giavalisco, M., Grogin, N. A., Guo, Y., Hathi, N. P., Kocevski, D., Koekemoer, A. M., Kurczynski, P., Merlin, E., Mortlock, A., Newman, J. A., Paris, D., Pentericci, L., Simons, R. & Willner, S. P.: *Stellar Masses from the CANDELS Survey: The GOODS-South and UDS Fields*, ApJ,801,97 (2015)
- Newman, J. A., et al.: *Spectroscopic needs for imaging dark energy experiments*, Astroparticle Physics,63,81 (2015)
- Jain, B., Spergel, D., Bean, R., Connolly, A., Dell'antonio, I., Frieman, J., Gawiser, E., Gehrels, N., Gladney, L., Heitmann, K., Helou, G., Hirata, C., Ho, S., Ivezić, Ž., Jarvis, M., Kahn, S., Kalirai, J., Kim, A., Lupton, R., Mandelbaum, R., Marshall, P., Newman, J. A., Perlmutter, S., Postman, M., Rhodes, J., Strauss, M. A., Tyson, J. A., Walkowicz, L. & Wood-Vasey, W. M.: *The Whole is Greater than the Sum of the Parts: Optimizing the Joint Science Return from LSST, Euclid and WFIRST*, ArXiv e-print, Arxiv:1501.07897 (2015)
- Keating, S. K., Abraham, R. G., Schiavon, R., Graves, G., Damjanov, I., Yan, R., Newman, J. & Simard, L.: *Evidence for (and Against) Progenitor Bias in the Size Growth of Compact Red Galaxies*, ApJ,798,26 (2015)
- Prakash, A., Newman, J. & SDSS-IV/eBOSS Collaboration: *SDSS-IV: Exploring Large-Scale Structure at High Redshift using eBOSS LRGs*, American Astronomical Society Meeting Abstracts #225,225,405.07 (2015)
- Schlegel, D. J., Blum, R. D., Castander, F. J., Dey, A., Finkbeiner, D. P., Foucaud, S., Honscheid, K., James, D., Lang, D., Levi, M., Moustakas, J., Myers, A. D., Newman, J., Nord, B., Nugent, P. E., Patej, A., Reil, K., Rudnick, G., Rykoff, E. S., Ford

- Schlafly, E., Stark, C., Valdes, F., Walker, A. R., Weaver, B. & DECam Legacy Survey Collaboration: *The Dark Energy Spectroscopic Instrument (DESI): The NOAO DECam Legacy Imaging Survey and DESI Target Selection*, American Astronomical Society Meeting Abstracts #225,225,336.07 (2015)
- Licquia, T. & Newman, J.: *Does the Milky Way lie on the Tully- Fisher Relation?*, American Astronomical Society Meeting Abstracts #225,225,102.01 (2015)
- Simmons, B. D., et al.: *Galaxy Zoo: CANDELS barred discs and bar fractions*, MNRAS,445,3466 (2014)
- Erfanianfar, G., Popesso, P., Finoguenov, A., Wuyts, S., Wilman, D., Biviano, A., Ziparo, F., Salvato, M., Nandra, K., Lutz, D., Elbaz, D., Dickinson, M., Tanaka, M., Mirkazemi, M., Balogh, M. L., Altieri, M. B., Aussel, H., Bauer, F., Berta, S., Bielby, R. M., Brandt, N., Cappelluti, N., Cimatti, A., Cooper, M., Fadda, D., Ilbert, O., Le Floch, E., Magnelli, B., Mulchaey, J. S., Nordon, R., Newman, J. A., Poglitsch, A. & Pozzi, F.: *The evolution of star formation activity in galaxy groups*, MNRAS,445,2725 (2014)
- Georgakakis, A., Mountrichas, G., Salvato, M., Rosario, D., Pérez- González, P. G., Lutz, D., Nandra, K., Coil, A., Cooper, M. C., Newman, J. A., Berta, S., Magnelli, B., Popesso, P. & Pozzi, F.: *Large-scale clustering measurements with photometric redshifts: comparing the dark matter haloes of X-ray AGN, star-forming and passive galaxies at $z \approx 1$* , MNRAS,443,3327 (2014)
- Schmidt, S. J., Newman, J. A., Abate, A. & the Spectroscopic Needs White Paper Team: *Spectroscopic Needs for Calibration of LSST Photometric Redshifts*, ArXiv e-print, Arxiv:1410.4506 (2014)
- Abate, A., Newman, J. A., Schmidt, S. J. & the Spectroscopic Needs White Paper team: *Spectroscopic Needs for Training of LSST Photometric Redshifts*, ArXiv e-print, Arxiv:1410.4498 (2014)
- Myers, A. D., Armengaud, E., Bovy, J., Brandt, W. N., Burtin, E., Comparat, J., Dawson, K. S., Delubac, T., Ho, S., Kneib, J.-P., Lang, D., McBride, C., McGreer, I. D., Newman, J., Palanque-Delabrouille, N., Paris, I., Percival, W., Petitjean, P., Ross, A., Schlegel, D. J., Shen, Y. & Yeche, C.: *Using Quasars from SDSS-III/SEQUELS to Characterize SDSS-IV/eBOSS selection*, American Astronomical Society Meeting Abstracts #224,224,410.07 (2014)
- Georgakakis, A., Pérez-González, P. G., Fanidakis, N., Salvato, M., Aird, J., Messias, H., Lotz, J. M., Barro, G., Hsu, L.-T., Nandra, K., Rosario, D., Cooper, M. C., Kocevski, D. D. & Newman, J. A.: *Investigating evidence for different black hole accretion modes since redshift $z \approx 1$* , MNRAS,440,339 (2014)

- Vinci, G., Freeman, P., Newman, J., Wasserman, L. & Genovese, C.: *Estimating the distribution of Galaxy Morphologies on a continuous space*, *Statistical Challenges in 21st Century Cosmology*,306,68 (2014)
- Guo, Y., Ferguson, H. C., Giavalisco, M., Barro, G., Willner, S. P., Ashby, M. L. N., Dahlen, T., Donley, J. L., Faber, S. M., Fontana, A., Galametz, A., Grazian, A., Huang, K.-H., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., McGrath, E. J., Peth, M., Salvato, M., Wuyts, S., Castellano, M., Cooray, A. R., Dickinson, M. E., Dunlop, J. S., Fazio, G. G., Gardner, J. P., Gawiser, E., Grogin, N. A., Hathi, N. P., Hsu, L.-T., Lee, K.-S., Lucas, R. A., Mobasher, B., Nandra, K., Newman, J. A. & van der Wel, A.: *VizieR Online Data Catalog: GOODS-S CANDELS multiwavelength catalog (Guo+, 2013)*, *VizieR Online Data Catalog*/ApJS/207/24 (2014)
- Goulding, A. D., Forman, W. R., Hickox, R. C., Jones, C., Murray, S. S., Paggi, A., Ashby, M. L. N., Coil, A. L., Cooper, M. C., Huang, J.-S., Kraft, R., Newman, J. A., Weiner, B. J. & Willner, S. P.: *Tracing the Evolution of Active Galactic Nuclei Host Galaxies over the Last 9 Gyr of Cosmic Time*, *ApJ*,783,40 (2014)
- Vargas, C. J., Bish, H., Acquaviva, V., Gawiser, E., Finkelstein, S. L., Ciardullo, R., Ashby, M. L. N., Feldmeier, J., Ferguson, H., Gronwall, C., Guaita, L., Hagen, A., Koekemoer, A., Kurczynski, P., Newman, J. A. & Padilla, N.: *To Stack or Not to Stack: Spectral Energy Distribution Properties of Ly α -emitting Galaxies at $z = 2.1$* , *ApJ*,783,26 (2014)
- Newman, J. A. & Moster, B. P.: *QUICKCV: Cosmic variance calculator*, *Astrophysics Source Code Librarascsl:1402.012* (2014)
- Matheson, T., Fan, X., Green, R., McConnachie, A., Newman, J., Olsen, K., Szkody, P. & Wood-Vasey, W. M.: *Spectroscopy in the Era of LSST*, *ArXiv e-print*, Arxiv:1311.2496 (2013)
- Comparat, J., Kneib, J.-P., Bacon, R., Mostek, N. J., Newman, J. A., Schlegel, D. J. & Yèche, C.: *Measuring galaxy [O ii] emission line doublet with future ground-based wide-field spectroscopic surveys*, *AAP*,559,A18 (2013)
- Chatterjee, S., Newman, J. A., Jeltama, T., Myers, A. D., Aird, J., Coil, A. L., Cooper, M., Finoguenov, A., Laird, E., Montero-Dorta, A., Nandra, K., Willmer, C. & Yan, R.: *X-ray Surface Brightness Profiles of Active Galactic Nuclei in the Extended Groth Strip: Implications for AGN Feedback*, *ArXiv e-print*, Arxiv:1310.0836 (2013)
- Dahlen, T., Mobasher, B., Faber, S. M., Ferguson, H. C., Barro, G., Finkelstein, S. L., Finlator, K., Fontana, A., Gruetzbauch, R., Johnson, S., Pforr, J., Salvato, M., Wiklind, T., Wuyts, S., Acquaviva, V., Dickinson, M. E., Guo, Y., Huang, J., Huang, K.-H., Newman, J. A., Bell, E. F., Conselice, C. J., Galametz, A., Gawiser, E., Giavalisco, M., Grogin, N. A., Hathi, N., Kocevski, D., Koekemoer, A. M., Koo,

- D. C., Lee, K.-S., McGrath, E. J., Papovich, C., Peth, M., Ryan, R., Somerville, R., Weiner, B. & Wilson, G.: *A Critical Assessment of Photometric Redshift Methods: A CANDELS Investigation*, *ApJ*,775,93 (2013)
- Freeman, P. E., Izbicki, R., Lee, A. B., Newman, J. A., Conselice, C. J., Koekemoer, A. M., Lotz, J. M. & Mozena, M.: *New image statistics for detecting disturbed galaxy morphologies at high redshift*, *MNRAS*,434,282 (2013)
- Newman, J. A., Cooper, M. C., Davis, M., Faber, S. M., Coil, A. L., Guhathakurta, P., Koo, D. C., Phillips, A. C., Conroy, C., Dutton, A. A., Finkbeiner, D. P., Gerke, B. F., Rosario, D. J., Weiner, B. J., Willmer, C. N. A., Yan, R., Harker, J. J., Kassin, S. A., Konidaris, N. P., Lai, K., Madgwick, D. S., Noeske, K. G., Wirth, G. D., Connolly, A. J., Kaiser, N., Kirby, E. N., Lemaux, B. C., Lin, L., Lotz, J. M., Luppino, G. A., Marinoni, C., Matthews, D. J., Metevier, A. & Schiavon, R. P.: *The DEEP2 Galaxy Redshift Survey: Design, Observations, Data Reduction, and Redshifts*, *The Astrophysical Journal Supplement Series*,208,5 (2013)
- Bruce, V. A., Dunlop, J. S., Cirasuolo, M., McLure, R. J., Targett, T. A., Bell, E. F., Croton, D. J., Dekel, A., Faber, S. M., Ferguson, H. C., Grogin, N. A., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., Lai, K., Lotz, J. M., McGrath, E. J., Newman, J. A. & van der Wel, A.: *VizieR Online Data Catalog: Massive galaxies in CANDELS-UDS field (Bruce+, 2012)*, *VizieR Online Data Catalog/MNRAS/427/1666* (2013)
- Cooper, M. C., Yan, R., Dickinson, M., Juneau, S., Lotz, J. M., Newman, J. A., Papovich, C., Salim, S., Walth, G., Weiner, B. J. & Willmer, C. N. A.: *VizieR Online Data Catalog: Arizona CDFS Environment Survey, ACES (Cooper+, 2012)*, *VizieR Online Data Catalog/MNRAS/425/2116* (2013)
- Mortlock, A., Conselice, C. J., Hartley, W. G., Ownsworth, J. R., Lani, C., Bluck, A. F. L., Almaini, O., Duncan, K., van der Wel, A., Koekemoer, A. M., Dekel, A., Davé, R., Ferguson, H. C., de Mello, D. F., Newman, J. A., Faber, S. M., Grogin, N. A., Kocevski, D. D. & Lai, K.: *The redshift and mass dependence on the formation of the Hubble sequence at $z \gtrsim 1$ from CANDELS/UDS*, *MNRAS*,433,1185 (2013)
- Comparat, J., Jullo, E., Kneib, J.-P., Schimd, C., Shan, H., Erben, T., Ilbert, O., Brownstein, J., Ealet, A., Escoffier, S., Moraes, B., Mostek, N., Newman, J. A., Pereira, M. E. S., Prada, F., Schlegel, D. J., Schneider, D. P. & Brandt, C. H.: *Stochastic bias of colour-selected BAO tracers by joint clustering-weak lensing analysis*, *MNRAS*,433,1146 (2013)
- Hearin, A. P., Zentner, A. R., Berlind, A. A. & Newman, J. A.: *SHAM beyond clustering: new tests of galaxy-halo abundance matching with galaxy groups*, *MNRAS*,433,659 (2013)

- Bruce, V. A., Dunlop, J. S., Cirasuolo, M., McLure, R. J., Targett, T. A., Bell, E. F., Croton, D. J., Dekel, A., Faber, S. M., Ferguson, H. C., Grogin, N. A., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., Lai, K., Lotz, J. M., McGrath, E. J., Newman, J. A. & van der Wel, A.: *The Morphologies of Massive Galaxies at $1 < z < 3$ in the CANDELS-UDS Field: Compact Bulges, and the Rise and Fall of Massive Disks*, *The Intriguing Life of Massive Galaxies*, 295, 49 (2013)
- Bassett, R., Papovich, C., Lotz, J. M., Bell, E. F., Finkelstein, S. L., Newman, J. A., Tran, K.-V., Almaini, O., Lani, C., Cooper, M., Croton, D., Dekel, A., Ferguson, H. C., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., McGrath, E. J., McIntosh, D. H. & Wechsler, R.: *CANDELS Observations of the Environmental Dependence of the Color-Mass-Morphology Relation at $z = 1.6$* , *ApJ*, 770, 58 (2013)
- Tilvi, V., Papovich, C., Tran, K.-V. H., Labbé, I., Spitler, L. R., Straatman, C. M. S., Persson, S. E., Monson, A., Glazebrook, K., Quadri, R. F., van Dokkum, P., Ashby, M. L. N., Faber, S. M., Fazio, G. G., Finkelstein, S. L., Ferguson, H. C., Grogin, N. A., Kacprzak, G. G., Kelson, D. D., Koekemoer, A. M., Murphy, D., McCarthy, P. J., Newman, J. A., Salmon, B. & Willner, S. P.: *Discovery of Lyman Break Galaxies at $z \sim 7$ from the zFourGE Survey*, *ApJ*, 768, 56 (2013)
- Hearin, A. P., Zentner, A. R., Newman, J. A. & Berlind, A. A.: *Mind the gap: tightening the mass-richness relation with magnitude gaps*, *MNRAS*, 430, 1238 (2013)
- Newman, J.: *Dark Energy Experiments: The Road Ahead*, APS April Meeting Abstracts, 2013, H4.003 (2013)
- Mostek, N., Coil, A. L., Cooper, M., Davis, M., Newman, J. A. & Weiner, B. J.: *The DEEP2 Galaxy Redshift Survey: Clustering Dependence on Galaxy Stellar Mass and Star Formation Rate at $z \sim 1$* , *ApJ*, 767, 89 (2013)
- Matthews, D. J., Newman, J. A., Coil, A. L., Cooper, M. C. & Gwyn, S. D. J.: *VizieR Online Data Catalog: DEEP2 Redshift Survey, Data Release 4 (Matthews+ 2013)*, *VizieR Online Data Catalog*, III/268 (2013)
- Mountrichas, G., Georgakakis, A., Finoguenov, A., Erfanianfar, G., Cooper, M. C., Coil, A. L., Laird, E. S., Nandra, K. & Newman, J. A.: *Measuring the dark matter halo mass of X-ray AGN at $z \sim 1$ using photometric redshifts*, *MNRAS*, 430, 661 (2013)
- Erfanianfar, G., Finoguenov, A., Tanaka, M., Lerchster, M., Nandra, K., Laird, E., Connelly, J. L., Bielby, R., Mirkazemi, M., Faber, S. M., Kocevski, D., Cooper, M., Newman, J. A., Jeltema, T., Coil, A. L., Brimiouille, F., Davis, M., McCracken, H. J., Willmer, C., Gerke, B., Cappelluti, N. & Gwyn, S.: *X-Ray Groups of Galaxies in the AEGIS Deep and Wide Fields*, *ApJ*, 765, 117 (2013)

- Barro, G., Faber, S. M., Pérez-González, P. G., Koo, D. C., Williams, C. C., Kocevski, D. D., Trump, J. R., Mozena, M., McGrath, E., van der Wel, A., Wuyts, S., Bell, E. F., Croton, D. J., Ceverino, D., Dekel, A., Ashby, M. L. N., Cheung, E., Ferguson, H. C., Fontana, A., Fang, J., Giavalisco, M., Grogin, N. A., Guo, Y., Hathi, N. P., Hopkins, P. F., Huang, K.-H., Koekemoer, A. M., Kartaltepe, J. S., Lee, K.-S., Newman, J. A., Porter, L. A., Primack, J. R., Ryan, R. E., Rosario, D., Somerville, R. S., Salvato, M. & Hsu, L.-T.: *CANDELS: The Progenitors of Compact Quiescent Galaxies at $z \sim 2$* , ApJ,765,104 (2013)
- Woo, J., Dekel, A., Faber, S. M., Noeske, K., Koo, D. C., Gerke, B. F., Cooper, M. C., Salim, S., Dutton, A. A., Newman, J., Weiner, B. J., Bundy, K., Willmer, C. N. A., Davis, M. & Yan, R.: *Dependence of galaxy quenching on halo mass and distance from its centre*, MNRAS,428,3306 (2013)
- Matthews, D. J., Newman, J. A., Coil, A. L., Cooper, M. C. & Gwyn, S. D. J.: *Extended Photometry for the DEEP2 Galaxy Redshift Survey: A Testbed for Photometric Redshift Experiments*, The Astrophysical Journal Supplement Series,204,21 (2013)
- Juneau, S., Dickinson, M., Bournaud, F., Alexander, D. M., Daddi, E., Mullaney, J. R., Magnelli, B., Kartaltepe, J. S., Hwang, H. S., Willner, S. P., Coil, A. L., Rosario, D. J., Trump, J. R., Weiner, B. J., Willmer, C. N. A., Cooper, M. C., Elbaz, D., Faber, S. M., Frayer, D. T., Kocevski, D. D., Laird, E. S., Monkiewicz, J. A., Nandra, K., Newman, J. A., Salim, S. & Symeonidis, M.: *Widespread and Hidden Active Galactic Nuclei in Star-forming Galaxies at Redshift $\gtrsim 0.3$* , ApJ,764,176 (2013)
- Bruce, V. A., Dunlop, J. S., Cirasuolo, M., McLure, R. J., Targett, T. A., Bell, E. F., Croton, D. J., Dekel, A., Faber, S. M., Ferguson, H. C., Grogin, N. A., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., Lai, K., Lotz, J. M., McGrath, E. J., Newman, J. A. & van der Wel, A.: *The Morphologies of Massive Galaxies at $1 < z < 3$ in the CANDELS-UDS Field*, ArXiv e-print, Arxiv:1301.6373 (2013)
- Bruce, V. A., Dunlop, J. S., Cirasuolo, M., McLure, R. J., Targett, T. A., Bell, E. F., Croton, D. J., Dekel, A., Faber, S. M., Ferguson, H. C., Grogin, N. A., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., Lai, K., Lotz, J. M., McGrath, E. J., Newman, J. A. & van der Wel, A.: *The morphologies of massive galaxies at $1 < z < 3$ in the CANDELS-UDS field: compact bulges, and the rise and fall of massive discs*, MNRAS,427,1666 (2012)
- Yan, H., Finkelstein, S. L., Huang, K.-H., Ryan, R. E., Ferguson, H. C., Koekemoer, A. M., Grogin, N. A., Dickinson, M., Newman, J. A., Somerville, R. S., Davé, R., Faber, S. M., Papovich, C., Guo, Y., Giavalisco, M., Lee, K.-soo, Reddy, N., Cooray, A. R., Siana, B. D., Hathi, N. P., Fazio, G. G., Ashby, M., Weiner, B. J., Lucas, R. A., Dekel, A., Pentericci, L., Conselice, C. J., Kocevski, D. D. & Lai, K.: *Luminous and High Stellar Mass Candidate Galaxies at $z \approx 8$ Discovered in the Cosmic Assembly Near-Infrared Deep Extragalactic Legacy Survey*, ApJ,761,177 (2012)

- Cheung, E., Faber, S. M., Koo, D. C., Dutton, A. A., Simard, L., McGrath, E. J., Huang, J.-S., Bell, E. F., Dekel, A., Fang, J. J., Salim, S., Barro, G., Bundy, K., Coil, A. L., Cooper, M. C., Conselice, C. J., Davis, M., Domínguez, A., Kassin, S. A., Kocevski, D. D., Koekemoer, A. M., Lin, L., Lotz, J. M., Newman, J. A., Phillips, A. C., Rosario, D. J., Weiner, B. J. & Willmer, C. N. A.: *The Dependence of Quenching upon the Inner Structure of Galaxies at $0.5 \leq z \leq 0.8$ in the DEEP2/AEGIS Survey*, ApJ,760,131 (2012)
- Pilachowski, C., et al.: *Addressing Decadal Survey Science through Community Access to Highly Multiplexed Spectroscopy with BigBOSS on the KPNO Mayall Telescope*, ArXiv e-print, Arxiv:1211.0285 (2012)
- Grazian, A., Castellano, M., Fontana, A., Pentericci, L., Dunlop, J. S., McLure, R. J., Koekemoer, A. M., Dickinson, M. E., Faber, S. M., Ferguson, H. C., Galametz, A., Giavalisco, M., Grogin, N. A., Hathi, N. P., Kocevski, D. D., Lai, K., Newman, J. A. & Vanzella, E.: *The size-luminosity relation at $z = 7$ in CANDELS and its implication on reionization*, AAp,547,A51 (2012)
- Goulding, A. D., Forman, W. R., Hickox, R. C., Jones, C., Kraft, R., Murray, S. S., Vikhlinin, A., Coil, A. L., Cooper, M. C., Davis, M. & Newman, J. A.: *VizieR Online Data Catalog: XDEEP2 survey catalog (Goulding+, 2012)*, VizieR Online Data Catalog/ApJS/202/6 (2012)
- Finkelstein, S. L., Papovich, C., Ryan, R. E., Pawlik, A. H., Dickinson, M., Ferguson, H. C., Finlator, K., Koekemoer, A. M., Giavalisco, M., Cooray, A., Dunlop, J. S., Faber, S. M., Grogin, N. A., Kocevski, D. D. & Newman, J. A.: *CANDELS: The Contribution of the Observed Galaxy Population to Cosmic Reionization*, ApJ,758,93 (2012)
- Cooper, M. C., Yan, R., Dickinson, M., Juneau, S., Lotz, J. M., Newman, J. A., Papovich, C., Salim, S., Walth, G., Weiner, B. J. & Willmer, C. N. A.: *The Arizona CDFS Environment Survey (ACES): A Magellan/IMACS Spectroscopic Survey of the Chandra Deep Field-South*, MNRAS,425,2116 (2012)
- Goulding, A. D., Forman, W. R., Hickox, R. C., Jones, C., Kraft, R., Murray, S. S., Vikhlinin, A., Coil, A. L., Cooper, M. C., Davis, M. & Newman, J. A.: *The Chandra X-Ray Point-source Catalog in the DEEP2 Galaxy Redshift Survey Fields*, The Astrophysical Journal Supplement Series,202,6 (2012)
- Finkelstein, S. L., Papovich, C., Salmon, B., Finlator, K., Dickinson, M., Ferguson, H. C., Giavalisco, M., Koekemoer, A. M., Reddy, N. A., Bassett, R., Conselice, C. J., Dunlop, J. S., Faber, S. M., Grogin, N. A., Hathi, N. P., Kocevski, D. D., Lai, K., Lee, K.-S., McLure, R. J., Mobasher, B. & Newman, J. A.: *Candels: The Evolution of Galaxy Rest-frame Ultraviolet Colors from $z = 8$ to 4* , ApJ,756,164 (2012)

- Griffith, R. L., Cooper, M. C., Newman, J. A., Moustakas, L. A., Stern, D., Comerford, J. M., Davis, M., Lotz, J. M., Barden, M., Conselice, C. J., Capak, P. L., Faber, S. M., Kirkpatrick, J. D., Koekemoer, A. M., Koo, D. C., Noeske, K. G., Scoville, N., Sheth, K., Shopbell, P., Willmer, C. N. A. & Weiner, B.: *VizieR Online Data Catalog: The ACS-GC catalog (Griffith+, 2012)*, VizieR Online Data Catalog/ApJS/200/9 (2012)
- Wuyts, S., Förster Schreiber, N. M., Genzel, R., Guo, Y., Barro, G., Bell, E. F., Dekel, A., Faber, S. M., Ferguson, H. C., Giavalisco, M., Grogin, N. A., Hathi, N. P., Huang, K.-H., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., Lotz, J., Lutz, D., McGrath, E., Newman, J. A., Rosario, D., Saintonge, A., Tacconi, L. J., Weiner, B. J. & van der Wel, A.: *Smooth(er) Stellar Mass Maps in CANDELS: Constraints on the Longevity of Clumps in High-redshift Star-forming Galaxies*, ApJ,753,114 (2012)
- Comerford, J. M., Gerke, B. F., Stern, D., Cooper, M. C., Weiner, B. J., Newman, J. A., Madsen, K. & Barrows, R. S.: *Kiloparsec-scale Spatial Offsets in Double-peaked Narrow-line Active Galactic Nuclei. I. Markers for Selection of Compelling Dual Active Galactic Nucleus Candidates*, ApJ,753,42 (2012)
- Griffith, R. L., Cooper, M. C., Newman, J. A., Moustakas, L. A., Stern, D., Comerford, J. M., Davis, M., Lotz, J. M., Barden, M., Conselice, C. J., Capak, P. L., Faber, S. M., Kirkpatrick, J. D., Koekemoer, A. M., Koo, D. C., Noeske, K. G., Scoville, N., Sheth, K., Shopbell, P., Willmer, C. N. A. & Weiner, B.: *The Advanced Camera for Surveys General Catalog: Structural Parameters for Approximately Half a Million Galaxies*, The Astrophysical Journal Supplement Series,200,9 (2012)
- Vanzella, E., Guo, Y., Giavalisco, M., Grazian, A., Castellano, M., Cristiani, S., Dickinson, M., Fontana, A., Nonino, M., Giallongo, E., Pentericci, L., Galametz, A., Faber, S. M., Ferguson, H. C., Grogin, N. A., Koekemoer, A. M., Newman, J. & Siana, B. D.: *On the Detection of Ionizing Radiation Arising from Star-forming Galaxies at Redshift $z \sim 3-4$: Looking for Analogs of "Stellar Re-ionizers"*, ApJ,751,70 (2012)
- Gerke, B. F., Newman, J. A., Davis, M., Coil, A. L., Cooper, M. C., Dutton, A. A., Faber, S. M., Guhathakurta, P., Konidaris, N., Koo, D. C., Lin, L., Noeske, K., Phillips, A. C., Rosario, D. J., Weiner, B. J., Willmer, C. N. A. & Yan, R.: *The DEEP2 Galaxy Redshift Survey: The Voronoi-Delaunay Method Catalog of Galaxy Groups*, ApJ,751,50 (2012)
- Caputi, K. I., Dunlop, J. S., McLure, R. J., Huang, J.-S., Fazio, G. G., Ashby, M. L. N., Castellano, M., Fontana, A., Cirasuolo, M., Almaini, O., Bell, E. F., Dickinson, M., Donley, J. L., Faber, S. M., Ferguson, H. C., Giavalisco, M., Grogin, N. A., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., Lai, K., Newman, J. A. & Somerville, R. S.: *The Nature of Extremely Red $H - [4.5] \gtrsim 4$ Galaxies Revealed with SEDS and CANDELS*, ApJ,750,L20 (2012)

- Papovich, C., Bassett, R., Lotz, J. M., van der Wel, A., Tran, K.-V., Finkelstein, S. L., Bell, E. F., Conselice, C. J., Dekel, A., Dunlop, J. S., Guo, Y., Faber, S. M., Farrah, D., Ferguson, H. C., Finkelstein, K. D., Häussler, B., Kocevski, D. D., Koekemoer, A. M., Koo, D. C., McGrath, E. J., McLure, R. J., McIntosh, D. H., Momcheva, I., Newman, J. A., Rudnick, G., Weiner, B., Willmer, C. N. A. & Wuyts, S.: *CANDELS Observations of the Structural Properties of Cluster Galaxies at $z = 1.62$* , *ApJ*,750,93 (2012)
- Cooper, M. C., Newman, J. A., Davis, M., Finkbeiner, D. P. & Gerke, B. F.: *spec2d: DEEP2 DEIMOS Spectral Pipeline*, Astrophysics Source Code Librarascl:1203.003 (2012)
- Cooper, M. C., Griffith, R. L., Newman, J. A., Coil, A. L., Davis, M., Dutton, A. A., Faber, S. M., Guhathakurta, P., Koo, D. C., Lotz, J. M., Weiner, B. J., Willmer, C. N. A. & Yan, R.: *The DEEP3 Galaxy Redshift Survey: the impact of environment on the size evolution of massive early-type galaxies at intermediate redshift*, *MNRAS*,419,3018 (2012)
- Matthews, D. J. & Newman, J. A.: *Improving Correlation Function Fitting with Ridge Regression: Application to Cross-correlation Reconstruction*, *ApJ*,745,180 (2012)
- Newman, J., Licquia, T., Mostek, N., Barbary, K., Stanford, A., Dey, A., Kneib, J., Levi, M., Schlegel, D. & BigBOSS Team: *Millions of $z > 0.6$ Luminous Red Galaxies from BigBOSS + WISE*, American Astronomical Society Meeting Abstracts #219,219,335.03 (2012)
- Licquia, T. & Newman, J. A.: *What Is The Color Of The Milky Way?*, American Astronomical Society Meeting Abstracts #219,219,252.08 (2012)
- Koekemoer, A. M., et al.: *CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey—The Hubble Space Telescope Observations, Imaging Data Products, and Mosaics*, The Astrophysical Journal Supplement Series,197,36 (2011)
- Grogin, N. A., et al.: *CANDELS: The Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey*, The Astrophysical Journal Supplement Series,197,35 (2011)
- Trump, J. R., Weiner, B. J., Scarlata, C., Kocevski, D. D., Bell, E. F., McGrath, E. J., Koo, D. C., Faber, S. M., Laird, E. S., Mozena, M., Rangel, C., Yan, R., Yesuf, H., Atek, H., Dickinson, M., Donley, J. L., Dunlop, J. S., Ferguson, H. C., Finkelstein, S. L., Grogin, N. A., Hathi, N. P., Juneau, S., Kartaltepe, J. S., Koekemoer, A. M., Nandra, K., Newman, J. A., Rodney, S. A., Straughn, A. N. & Teplitz, H. I.: *A CANDELS WFC3 Grism Study of Emission-line Galaxies at $z \sim 2$: A Mix of Nuclear Activity and Low-metallicity Star Formation*, *ApJ*,743,144 (2011)
- van der Wel, A., Straughn, A. N., Rix, H.-W., Finkelstein, S. L., Koekemoer, A. M., Weiner, B. J., Wuyts, S., Bell, E. F., Faber, S. M., Trump, J. R., Koo, D. C., Ferguson,

- H. C., Scarlata, C., Hathi, N. P., Dunlop, J. S., Newman, J. A., Dickinson, M., Jahnke, K., Salmon, B. W., de Mello, D. F., Kocevski, D. D., Lai, K., Grogin, N. A., Rodney, S. A., Guo, Y., McGrath, E. J., Lee, K.-S., Barro, G., Huang, K.-H., Riess, A. G., Ashby, M. L. N. & Willner, S. P.: *Extreme Emission-line Galaxies in CANDELS: Broadband-selected, Starbursting Dwarf Galaxies at $z \gtrsim 1$* , ApJ,742,111 (2011)
- Kassin, S. A., Fogarty, L., Goodsall, T., Clarke, F. J., Houghton, R. W. C., Salter, G., Thatte, N., Tecza, M., Davies, R. L., Weiner, B. J., Willmer, C. N. A., Salim, S., Cooper, M. C., Newman, J. A., Bundy, K., Conselice, C. J., Koekemoer, A. M., Lin, L., Moustakas, L. A. & Wang, T.: *Oxford SWIFT integral field spectrograph and multiwavelength observations of the Eagle galaxy at $z = 0.77$* , MNRAS,417,2882 (2011)
- Coil, A. L., Newman, J. A., Kaiser, N., Davis, M., Ma, C.-P., Kocevski, D. D. & Koo, D. C.: *VizieR Online Data Catalog: The DEEP2-DR1 Photometric Catalog (Coil+2004)*, VizieR Online Data Catalog/301 (2011)
- Cooray, A., Fu, H., Calanog, J., Wardlow, J. L., Chiu, A., Kim, S., Smidt, J., Acquaviva, V., Ferguson, H. C., Faber, S. M., Galametz, A., Grogin, N. A., Hartley, W., Kocevski, D., Koekemoer, A., Koo, D. C., Lucas, R. A., Moustakas, L. & Newman, J. A.: *Lensed galaxies in CANDELS*, ArXiv e-print, Arxiv:1110.3784 (2011)
- Cooper, M. C., Aird, J. A., Coil, A. L., Davis, M., Faber, S. M., Juneau, S., Lotz, J. M., Nandra, K., Newman, J. A., Willmer, C. N. A. & Yan, R.: *VizieR Online Data Catalog: DEEP3 Galaxy Redshift Survey: GOODS-N field (Cooper+, 2011)*, VizieR Online Data Catalog/ApJS/193/14 (2011)
- Moster, B. P., Somerville, R. S., Newman, J. A. & Rix, H.-W.: *A Cosmic Variance Cookbook*, ApJ,731,113 (2011)
- Cooper, M. C., Aird, J. A., Coil, A. L., Davis, M., Faber, S. M., Juneau, S., Lotz, J. M., Nandra, K., Newman, J. A., Willmer, C. N. A. & Yan, R.: *The DEEP3 Galaxy Redshift Survey: Keck/DEIMOS Spectroscopy in the GOODS-N Field*, The Astrophysical Journal Supplement Series,193,14 (2011)
- Bhattacharya, S., Kosowsky, A., Newman, J. A. & Zentner, A. R.: *Galaxy peculiar velocities from large-scale supernova surveys as a dark energy probe*, Phys. Rev. D,83,043004 (2011)
- Domínguez, A., Primack, J. R., Rosario, D. J., Prada, F., Gilmore, R. C., Faber, S. M., Koo, D. C., Somerville, R. S., Pérez-Torres, M. A., Pérez-González, P., Huang, J.-S., Davis, M., Guhathakurta, P., Barmby, P., Conselice, C. J., Lozano, M., Newman, J. A. & Cooper, M. C.: *Extragalactic background light inferred from AEGIS galaxy-SED-type fractions*, MNRAS,410,2556 (2011)

- Yan, R., Ho, L. C., Newman, J. A., Coil, A. L., Willmer, C. N. A., Laird, E. S., Georgakakis, A., Aird, J., Barmby, P., Bundy, K., Cooper, M. C., Davis, M., Faber, S. M., Fang, T., Griffith, R. L., Koekemoer, A. M., Koo, D. C., Nandra, K., Park, S. Q., Sarajedini, V. L., Weiner, B. J. & Willner, S. P.: *AEGIS: Demographics of X-ray and Optically Selected Active Galactic Nuclei*, ApJ,728,38 (2011)
- Dutton, A. A., van den Bosch, F. C., Faber, S. M., Simard, L., Kassin, S. A., Koo, D. C., Bundy, K., Huang, J., Weiner, B. J., Cooper, M. C., Newman, J. A., Mozena, M. & Koekemoer, A. M.: *On the evolution of the velocity-mass-size relations of disc-dominated galaxies over the past 10 billion years*, MNRAS,410,1660 (2011)
- McBride, C. K., Connolly, A. J., Gardner, J. P., Scranton, R., Newman, J. A., Scocimarro, R., Zehavi, I. & Schneider, D. P.: *Three-point Correlation Functions of SDSS Galaxies: Luminosity and Color Dependence in Redshift and Projected Space*, ApJ,726,13 (2011)
- Abate, A., Gorecki, A., Ansari, R., Barrau, A., Baumont, S., Derome, L., Gawiser, E., Magneville, C., Moniez, M., Newman, J. A., Tyson, J. A., Zhan, H. & LSST LSS Science Collaboration: *Baryon Acoustic Oscillations in the LSST Photometric Survey*, American Astronomical Society Meeting Abstracts #217,217,252.19 (2011)
- Gibson, R., Anderson, S. F., Ballantyne, D. R., Barth, A. J., Brandt, W. N., Brunner, R. J., Chartas, G., Coppi, P., de Vries, W., Eracleous, M., Fan, X., Gray, A. G., Green, R. F., Ivezić, Z., Lacy, M., Lira, P., Madejski, G. M., Newman, J. A., Richards, G. T., Schneider, D. P., Seth, A., Shemmer, O., Smith, H. A., Strauss, M. A., Treister, E. & Vanden Berk, D. E.: *AGN Science with LSST*, American Astronomical Society Meeting Abstracts #217,217,252.17 (2011)
- Cooper, M. C., Coil, A. L., Gerke, B. F., Newman, J. A., Bundy, K., Conselice, C. J., Croton, D. J., Davis, M., Faber, S. M., Guhathakurta, P., Koo, D. C., Lin, L., Weiner, B. J., Willmer, C. N. A. & Yan, R.: *Absence of evidence is not evidence of absence: the colour-density relation at fixed stellar mass persists to $z \sim 1$* , MNRAS,409,337 (2010)
- Matthews, D. J. & Newman, J. A.: *Reconstructing Redshift Distributions with Cross-correlations: Tests and an Optimized Recipe*, ApJ,721,456 (2010)
- Chatterjee, S., Ho, S., Newman, J. A. & Kosowsky, A.: *Tentative Detection of Quasar Feedback from WMAP and SDSS Cross-correlation*, ApJ,720,299 (2010)
- Rubin, K. H. R., Weiner, B. J., Koo, D. C., Martin, C. L., Prochaska, J. X., Coil, A. L. & Newman, J. A.: *The Persistence of Cool Galactic Winds in High Stellar Mass Galaxies between $z \sim 1.4$ and $z \sim 1$* , ApJ,719,1503 (2010)
- Lin, L., Cooper, M. C., Jian, H.-Y., Koo, D. C., Patton, D. R., Yan, R., Willmer, C. N. A., Coil, A. L., Chiueh, T., Croton, D. J., Gerke, B. F., Lotz, J., Guhathakurta,

- P. & Newman, J. A.: *Where do Wet, Dry, and Mixed Galaxy Mergers Occur? A Study of the Environments of Close Galaxy Pairs in the DEEP2 Galaxy Redshift Survey*, ApJ,718,1158 (2010)
- Cooper, M. C., Gallazzi, A., Newman, J. A. & Yan, R.: *Galaxy assembly bias on the red sequence*, MNRAS,402,1942 (2010)
- Dominguez, A., Primack, J. R., Rosario, D., Prada, F., Gilmore, R., Faber, S. M., Koo, D. C., Somerville, R. S., Perez-Torres, M., Perez-Gonzalez, P., Huang, J. S., Davis, M., Guhathakurta, P., Barmby, P., Conselice, C. J., Lozano, M., Newman, J. A. & Cooper, M. C.: *Extragalactic Background Light Inferred from AEGIS Galaxy SED-type Fractions*, 25th Texas Symposium on Relativistic Astrophysics228 (2010)
- Finkelstein, K. D., Papovich, C., Ashby, M. L. N., Finkelstein, S. L., Fazio, G. G., Huang, J., Nandra, K., Newman, J. A., Rigopoulou, D. & Simard, L.: *Lyman Break Galaxy Candidates at $z \approx 3 - 5$ in the Extended Groth Strip*, American Astronomical Society Meeting Abstracts #215,215,410.08 (2010)
- Richards, G. T., Anderson, S. F., Ballantyne, D. R., Barth, A. J., Brandt, W. N., Brunner, R. J., Chartas, G., Coppi, P., de Vries, W., Eracleous, M., Fan, X., Gibson, R. R., Gray, A. G., Green, R. F., Lacy, M., Lira, P., Madejski, G. M., Newman, J. A., Schneider, D. P., Shemmer, O., Smith, H., Strauss, M. A., Treister, E. & Vanden Berk, D. E.: *AGN Science with the LSST*, American Astronomical Society Meeting Abstracts #215,215,401.16 (2010)
- Schmidt, S., Newman, J. A., Connolly, A. J., Ivezić, Z., Tyson, J. A., Matthews, D. J. & LSST Collaboration: *Photometric Redshift Performance of LSST*, American Astronomical Society Meeting Abstracts #215,215,401.12 (2010)
- Lotz, J. M., Ferguson, H. C., Armus, L., Barrientos, L. F., Bartlett, J. G., Blanton, M., Borne, K. D., Bridge, C. R., Dickinson, M., Francke, H., Galaz, G., Gawiser, E., Gilmore, K., Lupton, R. H., Newman, J. A., Padilla, N. D., Robertson, B. E., Roskar, R., Stanford, A. & Wechsler, R. H.: *Galaxy Evolution with LSST*, American Astronomical Society Meeting Abstracts #215,215,401.11 (2010)
- LSST Science Collaboration, Abell, et al.: *LSST Science Book, Version 2.0*, ArXiv e-print, Arxiv:0912.0201 (2009)
- Jeltema, T. E., Gerke, B. F., Laird, E. S., Willmer, C. N. A., Coil, A. L., Cooper, M. C., Davis, M., Nandra, K. & Newman, J. A.: *Groups of galaxies in AEGIS: the 200-ks Chandra extended X-ray source catalogue*, MNRAS,399,715 (2009)
- Freeman, P. E., Newman, J. A., Lee, A. B., Richards, J. W. & Schafer, C. M.: *Photometric redshift estimation using spectral connectivity analysis*, MNRAS,398,2012 (2009)

- Cooper, M. C., Newman, J. A. & Yan, R.: *The Large-scale Environments of Type Ia Supernovae: Evidence for a Metallicity Bias in the Rate or Luminosity of Prompt Ia Events*, ApJ,704,687 (2009)
- Yan, R., Newman, J. A., Faber, S. M., Coil, A. L., Cooper, M. C., Davis, M., Weiner, B. J., Gerke, B. F. & Koo, D. C.: *The DEEP2 Galaxy Redshift Survey: environments of post-starburst galaxies at $z \sim 0.1$ and ~ 0.8* , MNRAS,398,735 (2009)
- Comerford, J. M., Griffith, R. L., Gerke, B. F., Cooper, M. C., Newman, J. A., Davis, M. & Stern, D.: *1.75 h^{-1} kpc Separation Dual Active Galactic Nuclei at $z = 0.36$ in the Cosmos Field*, ApJ,702,L82 (2009)
- Georgakakis, A., Coil, A. L., Laird, E. S., Griffith, R. L., Nandra, K., Lotz, J. M., Pierce, C. M., Cooper, M. C., Newman, J. A. & Koekemoer, A. M.: *Host galaxy morphologies of X-ray selected AGN: assessing the significance of different black hole fuelling mechanisms to the accretion density of the Universe at $z \sim 1$* , MNRAS,397,623 (2009)
- Chatterjee, S., Ho, S., Newman, J. A. & Kosowsky, A.: *Tentative Detection of Quasar Feedback from WMAP and SDSS Cross-Correlation*, ArXiv e-print, Arxiv:0908.3206 (2009)
- Coil, A. L., Georgakakis, A., Newman, J. A., Cooper, M. C., Croton, D., Davis, M., Koo, D. C., Laird, E. S., Nandra, K., Weiner, B. J., Willmer, C. N. A. & Yan, R.: *AEGIS: The Clustering of X-Ray Active Galactic Nucleus Relative to Galaxies at $z \sim 1$* , ApJ,701,1484 (2009)
- Comerford, J. M., Gerke, B. F., Newman, J. A., Davis, M., Yan, R., Cooper, M. C., Faber, S. M., Koo, D. C., Coil, A. L., Rosario, D. J. & Dutton, A. A.: *Inspiralling Supermassive Black Holes: A New Signpost for Galaxy Mergers*, ApJ,698,956 (2009)
- Newman, J. & Matthews, D. J.: *Cross-Correlation Calibration of Photometric Redshifts: Updated Forecasts for Future Experiments*, American Astronomical Society Meeting Abstracts #214,214,414.04 (2009)
- Weiner, B. J., Coil, A. L., Prochaska, J. X., Newman, J. A., Cooper, M. C., Bundy, K., Conselice, C. J., Dutton, A. A., Faber, S. M., Koo, D. C., Lotz, J. M., Rieke, G. H. & Rubin, K. H. R.: *Ubiquitous Outflows in DEEP2 Spectra of Star-Forming Galaxies at $z = 1.4$* , ApJ,692,187 (2009)
- Zhan, H., Albrecht, A., Cooray, A., Habib, S., Heavens, A., Heitmann, K., Jain, B., Jee, M. J., Knox, L., Mandelbaum, R., Newman, J., Schmidt, S., Scranton, R., Strauss, M., Tyson, T., Verde, L., Wittman, D. & Wood-Vasey, M.: *Exploring Dark Energy with Next-Generation Photometric Redshift Surveys*, astro2010: The Astronomy and Astrophysics Decadal Survey,2010,332 (2009)

- Scranton, R., Albrecht, A., Caldwell, R., Cooray, A., Dore, O., Habib, S., Heavens, A., Heitmann, K., Jain, B., Knox, L., Newman, J. A., Serra, P., Song, Y.-S., Strauss, M., Tyson, T., Verde, L. & Zhan, H.: *The Case for Deep, Wide-Field Cosmology*, astro2010: The Astronomy and Astrophysics Decadal Survey,2010,269 (2009)
- Weiner, B., Blanton, M. R., Coil, A. L., Cooper, M. C., Davé, R., Hogg, D. W., Holden, B. P., Jonsson, P., Kassin, S. A., Lotz, J. M., Moustakas, J., Newman, J. A., Prochaska, J. X., Teuben, P. J., Tremonti, C. A. & Willmer, C. N. A.: *Astronomical Software Wants To Be Free: A Manifesto*, astro2010: The Astronomy and Astrophysics Decadal Survey,2010,P61 (2009)
- Georgakakis, A., Gerke, B. F., Nandra, K., Laird, E. S., Coil, A. L., Cooper, M. C. & Newman, J. A.: *X-ray selected AGN in groups at redshifts $z \sim 1$* , MNRAS,391,183 (2008)
- Sawicki, M., Lemaux, B. C., Guhathakurta, P., Kirby, E. N., Konidaris, N. P., Martin, C. L., Cooper, M. C., Koo, D. C., Newman, J. A. & Weiner, B. J.: *The DEEP2 Redshift Survey: Ly α Emitters in the Spectroscopic Database*, ApJ,687,884 (2008)
- Cooper, M. C., Tremonti, C. A., Newman, J. A. & Zabludoff, A. I.: *The role of environment in the mass-metallicity relation*, MNRAS,390,245 (2008)
- Newman, J. A.: *Calibrating Redshift Distributions beyond Spectroscopic Limits with Cross-Correlations*, ApJ,684,88 (2008)
- Lin, L., Patton, D. R., Koo, D. C., Casteels, K., Conselice, C. J., Faber, S. M., Lotz, J., Willmer, C. N. A., Hsieh, B. C., Chiueh, T., Newman, J. A., Novak, G. S., Weiner, B. J. & Cooper, M. C.: *The Redshift Evolution of Wet, Dry, and Mixed Galaxy Mergers from Close Galaxy Pairs in the DEEP2 Galaxy Redshift Survey*, ApJ,681,232 (2008)
- Mandelbaum, R., Seljak, U., Hirata, C. M., Bardelli, S., Bolzonella, M., Bongiorno, A., Carollo, M., Contini, T., Cunha, C. E., Garilli, B., Iovino, A., Kampczyk, P., Kneib, J.-P., Knobel, C., Koo, D. C., Lamareille, F., Le Fèvre, O., Le Borgne, J.-F., Lilly, S. J., Maier, C., Mainieri, V., Mignoli, M., Newman, J. A., Oesch, P. A., Perez-Montero, E., Ricciardelli, E., Scodreggio, M., Silverman, J. & Tasca, L.: *Precision photometric redshift calibration for galaxy-galaxy weak lensing*, MNRAS,386,781 (2008)
- Georgakakis, A., Nandra, K., Yan, R., Willner, S. P., Lotz, J. M., Pierce, C. M., Cooper, M. C., Laird, E. S., Koo, D. C., Barmby, P., Newman, J. A., Primack, J. R. & Coil, A. L.: *The role of AGN in the colour transformation of galaxies at redshifts $z \sim 1$* , MNRAS,385,2049 (2008)
- Marcillac, D., Rieke, G. H., Papovich, C., Willmer, C. N. A., Weiner, B. J., Coil, A. L., Cooper, M. C., Gerke, B. F., Woo, J., Newman, J. A., Georgakakis, A., Laird, E. S., Nandra, K., Fazio, G. G., Huang, J.-S. & Koo, D. C.: *The Environment on a Few Mpc Scales of Infrared Luminous Galaxies at Redshift $z \sim 1$* , ApJ,675,1156 (2008)

- Cooper, M. C., Newman, J. A., Weiner, B. J., Yan, R., Willmer, C. N. A., Bundy, K., Coil, A. L., Conselice, C. J., Davis, M., Faber, S. M., Gerke, B. F., Guhathakurta, P., Koo, D. C. & Noeske, K. G.: *The DEEP2 Galaxy Redshift Survey: the role of galaxy environment in the cosmic star formation history*, MNRAS,383,1058 (2008)
- Coil, A. L., Newman, J. A., Croton, D., Cooper, M. C., Davis, M., Faber, S. M., Gerke, B. F., Koo, D. C., Padmanabhan, N., Wechsler, R. H. & Weiner, B. J.: *The DEEP2 Galaxy Redshift Survey: Color and Luminosity Dependence of Galaxy Clustering at $z \sim 1$* , ApJ,672,153 (2008)
- Schmidt, S., Newman, J. A., Tyson, J. A., Connolly, A. J., Margoniner, V. E., Wittman, D. M., Choi, A. & LSST Collaboration: *Photometric Redshift Calibrations for LSST*, American Astronomical Society Meeting Abstracts,211,137.22 (2007)
- Bundy, K., Georgakakis, A., Nandra, K., Ellis, R. S., Conselice, C. J., Laird, E., Cooper, M. C., Faber, S. M., Newman, J. A., Pierce, C. M., Primack, J. R. & Yan, R.: *AEGIS: New Evidence Linking Star Formation Quenching and AGN Activity*, American Astronomical Society Meeting Abstracts,211,111.04 (2007)
- Weiner, B. J., Coil, A. L., Newman, J. A., Prochaska, J. X., Koo, D. C., Faber, S. M. & DEEP2 Team: *Ubiquitous Outflows From Star-forming Galaxies At $Z=1.4$ In The Deep2 Survey*, American Astronomical Society Meeting Abstracts,211,37.05 (2007)
- Georgakakis, A., Nandra, K., Laird, E. S., Gwyn, S., Steidel, C. C., Sarajedini, V. L., Barmby, P., Faber, S. M., Coil, A. L., Cooper, M. C., Davis, M. & Newman, J. A.: *VizieR Online Data Catalog: A deep Chandra survey of the Groth Strip. II. Optical identification of the X-ray sources.*, VizieR Online Data Catalog/MNRAS/371/221 Originally published in: 2006MNRAS (2007)
- Faber, S. M., Willmer, C. N. A., Wolf, C., Koo, D. C., Weiner, B. J., Newman, J. A., Im, M., Coil, A. L., Conroy, C., Cooper, M. C., Davis, M., Finkbeiner, D. P., Gerke, B. F., Gebhardt, K., Groth, E. J., Guhathakurta, P., Harker, J., Kaiser, N., Kassin, S., Kleinheinrich, M., Konidaris, N. P., Kron, R. G., Lin, L., Luppino, G., Madgwick, D. S., Meisenheimer, K., Noeske, K. G., Phillips, A. C., Sarajedini, V. L., Schiavon, R. P., Simard, L., Szalay, A. S., Vogt, N. P. & Yan, R.: *Galaxy Luminosity Functions to $z \sim 1$ from DEEP2 and COMBO-17: Implications for Red Galaxy Formation*, ApJ,665,265 (2007)
- Georgakakis, A., Nandra, K., Laird, E. S., Gwyn, S., Steidel, C. C., Sarajedini, V. L., Barmby, P., Faber, S. M., Coil, A. L., Cooper, M. C., Davis, M. & Newman, J. A.: *VizieR Online Data Catalog: Deep Chandra survey of the Groth Strip. II. (Georgakakis+, 2006)*, VizieR Online Data Catalog/MNRAS/371/221 (2007)
- Cooper, M. C. & Newman, J. A.: *Galaxy Environments in DEEP2: The Birth of the Red Sequence*, Galaxy Evolution across the Hubble Time,235,167 (2007)

- Le Floch, E., Willmer, C. N. A., Noeske, K., Konidaris, N. P., Laird, E. S., Koo, D. C., Nandra, K., Bundy, K., Salim, S., Maiolino, R., Conselice, C. J., Lotz, J. M., Papovich, C., Smith, J. D., Bai, L., Coil, A. L., Barmby, P., Ashby, M. L. N., Huang, J.-S., Blaylock, M., Rieke, G., Newman, J. A., Ivison, R., Chapman, S., Dole, H., Egami, E. & Elbaz, D.: *Far-Infrared Characterization of an Ultraluminous Starburst Associated with a Massively Accreting Black Hole at $z=1.15$* , ApJ,660,L65 (2007)
- Wilson, G., Huang, J.-S., Fazio, G. G., Yan, R., Koekemoer, A. M., Salim, S., Faber, S. M., Lotz, J., Willmer, C. N. A., Davis, M., Coil, A. L., Newman, J. A., Conselice, C. J., Papovich, C., Ashby, M. L. N., Barmby, P., Willner, S. P., Ivison, R., Miyazaki, S. & Rigopoulou, D.: *AEGIS: A Panchromatic Study of IRAC-selected Extremely Red Objects with Confirmed Spectroscopic Redshifts*, ApJ,660,L59 (2007)
- Conselice, C. J., Newman, J. A., Georgakakis, A., Almaini, O., Coil, A. L., Cooper, M. C., Eisenhardt, P., Foucaud, S., Koekemoer, A., Lotz, J., Noeske, K., Weiner, B. & Willmer, C. N. A.: *AEGIS: The Diversity of Bright Near-IR-selected Distant Red Galaxies*, ApJ,660,L55 (2007)
- Noeske, K. G., Weiner, B. J., Faber, S. M., Papovich, C., Koo, D. C., Somerville, R. S., Bundy, K., Conselice, C. J., Newman, J. A., Schiminovich, D., Le Floch, E., Coil, A. L., Rieke, G. H., Lotz, J. M., Primack, J. R., Barmby, P., Cooper, M. C., Davis, M., Ellis, R. S., Fazio, G. G., Guhathakurta, P., Huang, J., Kassin, S. A., Martin, D. C., Phillips, A. C., Rich, R. M., Small, T. A., Willmer, C. N. A. & Wilson, G.: *Star Formation in AEGIS Field Galaxies since $z=1.1$: The Dominance of Gradually Declining Star Formation, and the Main Sequence of Star-forming Galaxies*, ApJ,660,L43 (2007)
- Moustakas, L. A., Marshall, P., Newman, J. A., Coil, A. L., Cooper, M. C., Davis, M., Fassnacht, C. D., Guhathakurta, P., Hopkins, A., Koekemoer, A., Konidaris, N. P., Lotz, J. M. & Willmer, C. N. A.: *A Strong-Lens Survey in AEGIS: The Influence of Large-Scale Structure*, ApJ,660,L31 (2007)
- Fang, T., Gerke, B. F., Davis, D. S., Newman, J. A., Davis, M., Nandra, K., Laird, E. S., Koo, D. C., Coil, A. L., Cooper, M. C., Croton, D. J. & Yan, R.: *AEGIS: Chandra Observation of DEEP2 Galaxy Groups and Clusters*, ApJ,660,L27 (2007)
- Gerke, B. F., Newman, J. A., Lotz, J., Yan, R., Barmby, P., Coil, A. L., Conselice, C. J., Ivison, R. J., Lin, L., Koo, D. C., Nandra, K., Salim, S., Small, T., Weiner, B. J., Cooper, M. C., Davis, M., Faber, S. M. & Guhathakurta, P.: *The DEEP2 Galaxy Redshift Survey: AEGIS Observations of a Dual AGN at $z = 0.7$* , ApJ,660,L23 (2007)
- Georgakakis, A., Nandra, K., Laird, E. S., Cooper, M. C., Gerke, B. F., Newman, J. A., Croton, D. J., Davis, M., Faber, S. M. & Coil, A. L.: *AEGIS: The Environment of X-Ray Sources at $z \sim 1$* , ApJ,660,L15 (2007)

- Nandra, K., Georgakakis, A., Willmer, C. N. A., Cooper, M. C., Croton, D. J., Davis, M., Faber, S. M., Koo, D. C., Laird, E. S. & Newman, J. A.: *AEGIS: The Color-Magnitude Relation for X-Ray-selected Active Galactic Nuclei*, ApJ,660,L11 (2007)
- Konidaris, N. P., Guhathakurta, P., Bundy, K., Coil, A. L., Conselice, C. J., Cooper, M. C., Eisenhardt, P. R. M., Huang, J.-S., Ivison, R. J., Kassin, S. A., Kirby, E. N., Lotz, J. M., Newman, J. A., Noeske, K. G., Rich, R. M., Small, T. A., Willmer, C. N. A. & Willner, S. P.: *AEGIS: Galaxy Spectral Energy Distributions from the X-Ray to Radio*, ApJ,660,L7 (2007)
- Davis, M., et al.: *The All-Wavelength Extended Groth Strip International Survey (AEGIS) Data Sets*, ApJ,660,L1 (2007)
- Cooper, M. C., Newman, J. A., Coil, A. L., Croton, D. J., Gerke, B. F., Yan, R., Davis, M., Faber, S. M., Guhathakurta, P., Koo, D. C., Weiner, B. J. & Willmer, C. N. A.: *The DEEP2 galaxy redshift survey: evolution of the colour-density relation at $0.4 < z < 1.35$* , MNRAS,376,1445 (2007)
- Gerke, B. F., Newman, J. A., Faber, S. M., Cooper, M. C., Croton, D. J., Davis, M., Willmer, C. N. A., Yan, R., Coil, A. L., Guhathakurta, P., Koo, D. C. & Weiner, B. J.: *The DEEP2 galaxy redshift survey: the evolution of the blue fraction in groups and the field*, MNRAS,376,1425 (2007)
- Conroy, C., Prada, F., Newman, J. A., Croton, D., Coil, A. L., Conselice, C. J., Cooper, M. C., Davis, M., Faber, S. M., Gerke, B. F., Guhathakurta, P., Klypin, A., Koo, D. C. & Yan, R.: *Evolution in the Halo Masses of Isolated Galaxies between $z \sim 1$ and $z \sim 0$: From DEEP2 to SDSS*, ApJ,654,153 (2007)
- Coil, A. L., Hennawi, J. F., Newman, J. A., Cooper, M. C. & Davis, M.: *The DEEP2 Galaxy Redshift Survey: Clustering of Quasars and Galaxies at $z = 1$* , ApJ,654,115 (2007)
- Newman, J., Connolly, A. J., Tyson, J. A., Schneider, M., Margoniner, V. E., Wittman, D. M., Aihara, H., Miyazaki, S. & LSST Collaboration: *Calibrating Photometric Redshifts for LSST*, American Astronomical Society Meeting Abstracts,209,86.06 (2006)
- Schiavon, R. P., Faber, S. M., Konidaris, N., Graves, G., Willmer, C. N. A., Weiner, B. J., Coil, A. L., Cooper, M. C., Davis, M., Harker, J., Koo, D. C., Newman, J. A. & Yan, R.: *The DEEP2 Galaxy Redshift Survey: Mean Ages and Metallicities of Red Field Galaxies at $z \sim 0.9$ from Stacked Keck DEIMOS Spectra*, ApJ,651,L93 (2006)
- Georgakakis, A., Nandra, K., Laird, E. S., Gwyn, S., Steidel, C. C., Sarajedini, V. L., Barmby, P., Faber, S. M., Coil, A. L., Cooper, M. C., Davis, M. & Newman, J. A.: *A deep Chandra survey of the Groth Strip - II. Optical identification of the X-ray sources*, MNRAS,371,221 (2006)

- Yan, R., Newman, J. A., Faber, S. M., Konidaris, N., Koo, D. & Davis, M.: *On the Origin of [O II] Emission in Red-Sequence and Poststarburst Galaxies*, ApJ,648,281 (2006)
- Willmer, C. N. A., Faber, S. M., Koo, D. C., Weiner, B. J., Newman, J. A., Coil, A. L., Connolly, A. J., Conroy, C., Cooper, M. C., Davis, M., Finkbeiner, D. P., Gerke, B. F., Guhathakurta, P., Harker, J., Kaiser, N., Kassin, S., Konidaris, N. P., Lin, L., Luppino, G., Madgwick, D. S., Noeske, K. G., Phillips, A. C. & Yan, R.: *The Deep Evolutionary Exploratory Probe 2 Galaxy Redshift Survey: The Galaxy Luminosity Function to $z \sim 1$* , ApJ,647,853 (2006)
- Cooper, M. C., Newman, J. A., Croton, D. J., Weiner, B. J., Willmer, C. N. A., Gerke, B. F., Madgwick, D. S., Faber, S. M., Davis, M., Coil, A. L., Finkbeiner, D. P., Guhathakurta, P. & Koo, D. C.: *The DEEP2 Galaxy Redshift Survey: the relationship between galaxy properties and environment at $z \sim 1$* , MNRAS,370,198 (2006)
- Georgakakis, A., Nandra, K., Laird, E. S., Cooper, M. C., Gerke, B. F., Newman, J. A., Croton, D. J., Davis, M., Faber, S. M. & Coil, A. L.: *All-wavelength Extended Groth strip International Survey: the environment of X-ray sources at $z \sim 1$* , ArXiv e-printastro-ph/0607274 (2006)
- Coil, A. L., Newman, J. A., Cooper, M. C., Davis, M., Faber, S. M., Koo, D. C. & Willmer, C. N. A.: *The DEEP2 Galaxy Redshift Survey: Clustering of Galaxies as a Function of Luminosity at $z = 1$* , ApJ,644,671 (2006)
- Prochaska, J. X., Bloom, J. S., Chen, H.-W., Foley, R. J., Perley, D. A., Ramirez-Ruiz, E., Granot, J., Lee, W. H., Pooley, D., Alatalo, K., Hurley, K., Cooper, M. C., Dupree, A. K., Gerke, B. F., Hansen, B. M. S., Kalirai, J. S., Newman, J. A., Rich, R. M., Richer, H., Stanford, S. A., Stern, D. & van Breugel, W. J. M.: *The Galaxy Hosts and Large-Scale Environments of Short-Hard Gamma-Ray Bursts*, ApJ,642,989 (2006)
- Coil, A. L., Gerke, B. F., Newman, J. A., Ma, C.-P., Yan, R., Cooper, M. C., Davis, M., Faber, S. M., Guhathakurta, P. & Koo, D. C.: *The DEEP2 Galaxy Redshift Survey: Clustering of Groups and Group Galaxies at $z \sim 1$* , ApJ,638,668 (2006)
- Conroy, C., Coil, A. L., White, M., Newman, J. A., Yan, R., Cooper, M. C., Gerke, B. F., Davis, M. & Koo, D. C.: *The DEEP2 Galaxy Redshift Survey: The Evolution of Void Statistics from $z \sim 1$ to $z \sim 0$* , ApJ,635,990 (2005)
- Conroy, C., Newman, J. A., Davis, M., Coil, A. L., Yan, R., Cooper, M. C., Gerke, B. F., Faber, S. M. & Koo, D. C.: *The DEEP2 Galaxy Redshift Survey: Probing the Evolution of Dark Matter Halos around Isolated Galaxies from $z \sim 1$ to $z \sim 0$* , ApJ,635,982 (2005)
- Cooper, M. C., Newman, J. A., Madgwick, D. S., Gerke, B. F., Yan, R. & Davis, M.: *Measuring Galaxy Environments with Deep Redshift Surveys*, ApJ,634,833 (2005)

- Newman, J. A. & DEEP2 Team: *A Test for Temporal and Spatial Variation in the Fine Structure Constant using DEEP2 Redshift Survey Data*, American Astronomical Society Meeting Abstracts,207,152.07 (2005)
- Treu, T., Ellis, R. S., Liao, T. X., van Dokkum, P. G., Tozzi, P., Coil, A., Newman, J., Cooper, M. C. & Davis, M.: *The Assembly History of Field Spheroidals: Evolution of Mass-to-Light Ratios and Signatures of Recent Star Formation*, ApJ,633,174 (2005)
- Davis, M., Gerke, B. F., Newman, J. A. & Deep2 Team: *Constraining Dark Energy with the DEEP2 Redshift Survey*, Observing Dark Energy,339,128 (2005)
- Davis, M., Gerke, B. F., Coil, A. L., Cooper, M. C., Yan, R., Newman, J. A., Faber, S. M., Koo, D. & Guhathakurta, P.: *Measuring the Growth of Structure with Spectroscopically Identified Groups and Clusters*, ArXiv e-printastro-ph/0507555 (2005)
- Gerke, B. F., Newman, J. A., Davis, M., Marinoni, C., Yan, R., Coil, A. L., Conroy, C., Cooper, M. C., Faber, S. M., Finkbeiner, D. P., Guhathakurta, P., Kaiser, N., Koo, D. C., Phillips, A. C., Weiner, B. J. & Willmer, C. N. A.: *The DEEP2 Galaxy Redshift Survey: First Results on Galaxy Groups*, ApJ,625,6 (2005)
- Lin, L., Koo, D. C., Willmer, C. N. A., Patton, D. R., Conselice, C. J., Yan, R., Coil, A. L., Cooper, M. C., Davis, M., Faber, S. M., Gerke, B. F., Guhathakurta, P. & Newman, J. A.: *The DEEP2 Galaxy Redshift Survey: Evolution of Close Galaxy Pairs and Major-Merger Rates up to $z \sim 1.2$* , ApJ,617,L9 (2004)
- Coil, A. L., Newman, J. A., Kaiser, N., Davis, M., Ma, C.-P., Kocevski, D. D. & Koo, D. C.: *Evolution and Color Dependence of the Galaxy Angular Correlation Function: 350,000 Galaxies in 5 Square Degrees*, ApJ,617,765 (2004)
- Davis, M., Gerke, B. F. & Newman, J. A.: *Constraining Dark Energy with DEEP2*, ArXiv e-printastro-ph/0408344 (2004)
- Coil, A. L., Davis, M., Madgwick, D. S., Newman, J. A., Conselice, C. J., Cooper, M., Ellis, R. S., Faber, S. M., Finkbeiner, D. P., Guhathakurta, P., Kaiser, N., Koo, D. C., Phillips, A. C., Steidel, C. C., Weiner, B. J., Willmer, C. N. A. & Yan, R.: *The DEEP2 Galaxy Redshift Survey: Clustering of Galaxies in Early Data*, ApJ,609,525 (2004)
- Wirth, G. D., Willmer, C. N. A., Amico, P., Chaffee, F. H., Goodrich, R. W., Kwok, S., Lyke, J. E., Mader, J. A., Tran, H. D., Barger, A. J., Cowie, L. L., Capak, P., Coil, A. L., Cooper, M. C., Conrad, A., Davis, M., Faber, S. M., Hu, E. M., Koo, D. C., Le Mignant, D., Newman, J. A. & Songaila, A.: *The Team Keck Treasury Redshift Survey of the GOODS-North Field*, AJ,127,3121 (2004)
- Davis, M., Gerke, B. & Newman, J. A.: *Constraining Dark Energy with the DEEP2 Survey*, 22nd Texas Symposium on Relativistic Astrophysics18 (2004)

- Marinoni, C., Davis, M., Newman, J. A. & Coil, A. L.: *Future science with remote clusters*, *Frontiers of the Univers*299 (2004)
- Madgwick, D. S., Coil, A. L., Conselice, C. J., Cooper, M. C., Davis, M., Ellis, R. S., Faber, S. M., Finkbeiner, D. P., Gerke, B., Guhathakurta, P., Kaiser, N., Koo, D. C., Newman, J. A., Phillips, A. C., Steidel, C. C., Weiner, B. J., Willmer, C. N. A., Yan, R. & Deep2 Survey Team: *The DEEP2 Galaxy Redshift Survey: Spectral Classification of Galaxies at $z \sim 1$* , *ApJ*,599,997 (2003)
- Faber, S. M., Phillips, A. C., Kibrick, R. I., Alcott, B., Allen, S. L., Burrous, J., Cantrall, T., Clarke, D., Coil, A. L., Cowley, D. J., Davis, M., Deich, W. T. S., Dietsch, K., Gilmore, D. K., Harper, C. A., Hilyard, D. F., Lewis, J. P., McVeigh, M., Newman, J., Osborne, J., Schiavon, R., Stover, R. J., Tucker, D., Wallace, V., Wei, M., Wirth, G. & Wright, C. A.: *The DEIMOS spectrograph for the Keck II Telescope: integration and testing*, *Instrument Design and Performance for Optical/Infrared Ground-based Telescopes*,4841,1657 (2003)
- Davis, M., Faber, S. M., Newman, J., Phillips, A. C., Ellis, R. S., Steidel, C. C., Conselice, C., Coil, A. L., Finkbeiner, D. P., Koo, D. C., Guhathakurta, P., Weiner, B., Schiavon, R., Willmer, C., Kaiser, N., Luppino, G. A., Wirth, G., Connolly, A., Eisenhardt, P., Cooper, M. & Gerke, B.: *Science Objectives and Early Results of the DEEP2 Redshift Survey*, *Discoveries and Research Prospects from 6- to 10-Meter-Class Telescopes II*,4834,161 (2003)
- Marinoni, C., Davis, M., Newman, J. A. & Coil, A. L.: *Three-dimensional Identification and Reconstruction of Galaxy Systems within Flux-limited Redshift Surveys*, *ApJ*,580,122 (2002)
- Méndez, B., Davis, M., Moustakas, J., Newman, J., Madore, B. F. & Freedman, W. L.: *Deviations from the Local Hubble Flow. I. The Tip of the Red Giant Branch as a Distance Indicator*, *AJ*,124,213 (2002)
- Newman, J. A., Marinoni, C., Coil, A. L. & Davis, M.: *Measuring the Cosmic Equation of State with Galaxy Clusters in the DEEP2 Redshift Survey*, *Publications of the Astronomical Society of the Pacific*,114,29 (2002)
- Newman, J. A. & Davis, M.: *Measuring the Cosmic Equation of State with Counts of Galaxies. II. Error Budget for the DEEP2 Redshift Survey*, *ApJ*,564,567 (2002)
- Newman, J. A., Ferrarese, L., Stetson, P. B., Maoz, E., Zepf, S. E., Davis, M., Freedman, W. L. & Madore, B. F.: *A Revised Cepheid Distance to NGC 4258 and a Test of the Distance Scale*, *ApJ*,553,562 (2001)
- Davis, M., Newman, J. A., Faber, S. M. & Phillips, A. C.: *The DEEP2 Redshift Survey, Deep Field*241 (2001)

- Fan, X., Strauss, M. A., Schneider, D. P., Gunn, J. E., Lupton, R. H., Becker, R. H., Davis, M., Newman, J. A., Richards, G. T., White, R. L., Anderson, J. E., Annis, J., Bahcall, N. A., Brunner, R. J., Csabai, I., Hennessy, G. S., Hindsley, R. B., Fukugita, M., Kunszt, P. Z., Ivezić, Ž., Knapp, G. R., McKay, T. A., Munn, J. A., Pier, J. R., Szalay, A. S. & York, D. G.: *High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. IV. Luminosity Function from the Fall Equatorial Stripe Sample*, AJ,121,54 (2001)
- Fan, X., Strauss, M. A., Richards, G. T., Newman, J. A., Becker, R. H., Schneider, D. P., Gunn, J. E., Davis, M., White, R. L., Lupton, R. H., Anderson, J. E., Annis, J., Bahcall, N. A., Brunner, R. J., Csabai, I., Doi, M., Fukugita, M., Hennessy, G. S., Hindsley, R. B., Ivezić, Ž., Knapp, G. R., McKay, T. A., Munn, J. A., Pier, J. R., Szalay, A. S. & York, D. G.: *High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. III. A Color-selected Sample at $I^* \leq 20$ in the Fall Equatorial Stripe*, AJ,121,31 (2001)
- Newman, J. & Davis, M.: *Measuring the Cosmic Equation of State with Counts of Galaxies: Prospects for the DEEP Redshift Survey*, American Astronomical Society Meeting Abstracts,197,95.04 (2000)
- Newman, J. A. & Davis, M.: *Measuring the Cosmic Equation of State with Counts of Galaxies*, ApJ,534,L11 (2000)
- Fan, X., Strauss, M. A., Schneider, D. P., Gunn, J. E., Lupton, R. H., Anderson, S. F., Becker, R. H., Davis, M., Newman, J. A., Richards, G. T., White, R. L. & SDSS Collaboration: *High-redshift Quasars from the Sloan Digital Sky Survey*, American Astronomical Society Meeting Abstracts,195,98.04 (1999)
- Newman, J. A., Zepf, S. E., Davis, M., Freedman, W. L., Madore, B. F., Stetson, P. B., Silbermann, N. & Phelps, R.: *A Cepheid Distance to NGC 4603 in Centaurus*, ApJ,523,506 (1999)
- Maoz, E., Newman, J. A., Ferrarese, L., Stetson, P. B., Zepf, S. E., Davis, M., Freedman, W. L. & Madore, B. F.: *A distance to the galaxy NGC4258 from observations of Cepheid variable stars*, Nature,401,351 (1999)
- Maoz, E., Newman, J. A., Ferrarese, L., Stetson, P. B., Zepf, S. E., Davis, M., Freedman, W. L. & Madore, B. F.: *A Cepheid distance to NGC 4258*, ArXiv e-printastro-ph/9908140 (1999)
- Newman, J. A., Davis, M., Zepf, S., Freedman, W. L., Silbermann, N. A., Phelps, R., Madore, B. F. & Stetson, P.: *Results of a Search for Cepheids in NGC 4603 in the Centaurus cluster*, American Astronomical Society Meeting Abstracts,193,21.03 (1998)

- Eracleous, M., Halpern, J. P., M. Gilbert, A., Newman, J. A. & Filippenko, A. V.:
Rejection of the Binary Broad-Line Region Interpretation of Double-peaked Emission Lines in Three Active Galactic Nuclei, ApJ,490,216 (1997)
- Newman, J. A., Eracleous, M., Filippenko, A. V. & Halpern, J. P.: *Measurement of an Active Galactic Nucleus Central Mass on Centiparsec Scales: Results of Long-Term Optical Monitoring of Arp 102B*, ApJ,485,570 (1997)