

CURRICULUM VITAE Michael C. Cooper

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Education

Ph.D., Astrophysics, University of California at Berkeley	May, 2007
M.A., Astrophysics, University of California at Berkeley	December, 2004
B.A., Physics, <i>magna cum laude</i> , Grinnell College	May, 2001

Research Interests

Galaxy Formation and Evolution
Large-Scale Structure and Galaxy Environments
Deep Redshift Surveys
Active Galactic Nuclei
Multiwavelength studies of galaxies
Tools for automated data reduction and analysis

Observing and Software Experience

Co-author of DEEP2/DEIMOS Spectral Reduction Pipeline (> 10,000 lines of code)
Keck/DEIMOS multi-object optical spectroscopy (~25 nights)
Keck/LRIS multi-object optical spectroscopy (3 nights)
Lick Shane 3-m Gemini IR imaging (7 nights)
Lick Shane 3-m KAST optical spectroscopy (5 nights)
KPNO 4-m Mosaic optical imaging (2 nights)
KPNO 2.1-m T2KA optical imaging (2 nights)
Grinnell College Observatory: optical imaging and spectroscopy (> 90 nights)

Grant and Proposal Activities

Co-I and principal author of successful \$100k *Hubble Space Telescope* archival proposal: *Galaxy Environments and Evolution in the GOODS-N Field*

Co-I and principal author of 2007A Keck/DEIMOS proposal: *Measuring Galaxy Environments in the GOODS-N Field*

Co-I and principal author of 2007A CARMA proposal:

Co-I and co-author on successful 126-orbit/\$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)

Fellowships & Awards

Information Technology Graduate Fellowship (UC-Berkeley)	2002 – 2003
U.S. Representative at Vatican Observatory Summer School	2001
H. George Apostle Prize in Physics (Grinnell College)	2001
Phi Beta Kappa and recipient of Phi Beta Kappa Junior Award	2000
Mortar Board: National Honor Society	1999
Grinnell College Trustee Merit Fellowship	1998 – 2001

Students Co-Supervised

Amanda Heiderman, B.S. 2005: [OII] Emission in DEEP2 Galaxies
Roger Griffith, B.S. expected 2008: Evolution of Galaxy Morphologies

Positions

Postdoctoral Researcher, University of California at Berkeley	2007
Graduate Student Researcher, University of California at Berkeley	2002 – 2007
Advisor: Marc Davis	
Teaching Assistant, University of California at Berkeley	2002
Astronomy 120 with Geoff Marcy	
Teaching Assistant, University of California at Berkeley	2001
Astronomy 10 with Frank Shu and Gibor Basri	
Student Researcher, Kitt Peak National Observatory	2000
Advisors: Arjun Dey & Joan Najita	
Independent Student Researcher, Grinnell College Observatory	1999 – 2001
Advisor: Bob Cadmus	

References

Marc Davis, University of California at Berkeley, (510) 642-5156, marc@astro.berkeley.edu
Sandy M. Faber, University of California at Santa Cruz, (831) 459-2944, faber@ucolick.org
Puragra Guhathakurta, University of California at Santa Cruz, (831) 459-5169, raja@ucolick.org
David C. Koo, University of California at Santa Cruz, (831) 459-2130, koo@ucolick.org
Jeffrey A. Newman, Lawrence Berkeley National Laboratory, (510) 390-2450, janewman@lbl.gov

Refereed Publications

1. “*The DEEP2 Galaxy Redshift Survey: Spectral classification of galaxies at $z \sim 1$* ”, Darren S. Madgwick,

- Alison L. Coil, Christopher J. Conselice, **Michael C. Cooper**, Marc Davis, Richard S. Ellis, S. M. Faber, Douglas P. Finkbeiner, Brian Gerke, Puragra Guhathakurta, Nick Kaiser, David C. Koo, Jeffrey A. Newman, Andrew C. Phillips, Charles C. Steidel, Benjamin J. Weiner, Christopher N. A. Willmer, R. Yan. 2003, ApJ, 599, 997
2. “*The Team Keck Treasury Redshift Survey of the GOODS-North Field*”, Gregory D. Wirth, Christopher N. A. Willmer, Paula Amico, Frederic H. Chaffee, Robert W. Goodrich, Shui Kwok, James E. Lyke, Jeff A. Mader, Hien D. Tran, Amy J. Barger, Lennox L. Cowie, Peter Capak, Alison L. Coil, **Michael C. Cooper**, Al Conrod, Marc Davis, S. M. Faber, Esther M. Hu, David C. Koo, David Le Mignant, Jeffrey A. Newman, and Antoinette Songaila. 2004, ApJ, 127, 3121
 3. “*The DEEP2 Galaxy Redshift Survey: Clustering of Galaxies in Early Data*”, Alison L. Coil, Marc Davis, Darren S. Madgwick, Jeffrey A. Newman, Christopher J. Conselice, **Michael C. Cooper**, Richard S. Ellis, S. M. Faber, Douglas P. Finkbeiner, Puragra Guhathakurta, Nick Kaiser, David C. Koo, Andrew C. Phillips, Charles C. Steidel, Benjamin J. Weiner, Christopher N. A. Willmer, Renbin Yan. 2004, ApJ, 609, 525
 4. “*The DEEP2 Galaxy Redshift Survey: Probing the Evolution of Dark Matter Halos around Isolated Galaxies at $z \sim 1$* ”, Charlie Conroy, Jeffrey A. Newman, Marc Davis, Alison L. Coil, Renbin Yan, **Michael C. Cooper**, Brian F. Gerke, S. M. Faber, David C. Koo. 2005, ApJ, 635, 982
 5. “*The DEEP2 Galaxy Redshift Survey: Evolution of Close Galaxy Pairs and Major-Merger Rates up to $z \sim 1.2$* ”, Lihwai Lin, David C. Koo, Christopher N. A. Willmer, David R. Patton, Christopher J. Conselice, Renbin Yan, Alison L. Coil, **Michael C. Cooper**, Marc Davis, S. M. Faber, Brian F. Gerke, Puragra Guhathakurta, Jeffrey A. Newman. 2005, ApJ, 617L, 9
 6. “*The DEEP2 Galaxy Redshift Survey: First results on galaxy groups*”, Brian F. Gerke, Jeffrey A. Newman, Marc Davis, Christian Marinoni, Renbin Yan, Alison L. Coil, Charlie Conroy, **Michael C. Cooper**, S. M. Faber, Douglas P. Finkbeiner, Puragra Guhathakurta, Nick Kaiser, David C. Koo, Andrew C. Phillips, Benjamin J. Weiner, Christopher N. A. Willmer. 2005, ApJ, 625, 6
 7. “*The Assembly History of Field Spheroidals: Evolution of Mass-to-light Ratios and Signatures of Recent Star Formation*”, Tommaso Treu, Richard S. Ellis, Ting X. Liao, Pieter G. van Dokkum, Paola Tozzi, Alison Coil, Jeffrey Newman, **Michael C. Cooper**, Marc Davis. 2005, ApJ, 633, 174
 8. “*Measuring Galaxy Environments in Deep Redshift Surveys*”, **Michael C. Cooper**, Jeffrey A. Newman, Darren S. Madgwick, Brian F. Gerke, Renbin Yan, and Marc Davis. 2005, ApJ, 634, 833
 9. “*Closing in on a Short-Hard Burst Progenitor: Constraints from Early-Time Optical Imaging and Spectroscopy of a Possible Host Galaxy of GRB 050509b*”, J. S. Bloom, J. X. Prochaska, D. Pooley, C. H. Blake, R. J. Foley, S. Jha, E. Ramirez-Ruiz, J. Granot, A. V. Filippenko, S. Sigurdson, A. J. Barth, H.-W. Chen, **M. C. Cooper**, E. E. Falco, R. R. Gal, B. F. Gerke, M. D. Gladders, J. E. Greene, J. Hennawi, L. C. Ho, K. Hurley, B. P. Koester, W. Li, L. Lubin, J. Nemwan, D. A. Perley, G. K. Squires, W. M. Wood-Vasey. 2006, ApJ, 638, 354
 10. “*The DEEP2 Galaxy Redshift Survey: The Evolution of Void Statistics from $z \sim 1$ to $z \sim 0$* ”, Charlie Conroy, Alison Coil, Martin White, Jeffrey Newman, Renbin Yan, **Michael C. Cooper**, Brian Gerke, Marc Davis, David Koo. 2005, ApJ, 635, 990
 11. “*The DEEP2 Redshift Survey: The Galaxy Luminosity Function to $z \sim 1$* ”, Christopher N. A. Willmer, S. M. Faber, David C. Koo, Benjamin J. Weiner, Jeffrey A. Newman, Alison L. Coil, Andrew J. Connolly, Charlie Conroy, **Michael C. Cooper**, Marc Davis, Douglas P. Finkbeiner, Brian F. Gerke, Puragra Guhathakurta, Justin Harker, Nick Kaiser, Susan Kassin, Nicholas P. Konidakis, Lihwai Lin, Gerrard Luppino, Darren S. Madgwick, Kai G. Noeske, Andrew C. Phillips, Renbin Yan. 2005, ApJ, 647, 853

12. “*Galaxy Luminosity Functions to $z \sim 1$: DEEP2 vs. COMBO-17 and Implications for Red Galaxy Formation*”, S. M. Faber, Christopher N. A. Willmer, Christian Wolf, David C. Koo, Benjamin J. Weiner, Jeffrey A. Newman, Myungshin Im, Alison L. Coil, Charlie Conroy, **Michael C. Cooper**, Marc Davis, Douglas P. Finkbeiner, Brian F. Gerke, Karl Gebhardt, Edward J. Groth, Puragra Guhathakurta, Justin Harker, Nick Kaiser, Susan Kassin, Martina Kleinheinrich, Nick P. Kondaris, Lihwai Lin, Grrard Luppino, Darren S. Madgwick, Klaus Meisenheimer, Kai G. Noeske, Andrew C. Phillips, Vicki L. Sarajedini, Luc Simard, Andrew S. Szalay, Nicole P. Vogt, Renbin Yan. 2005, ApJ, submitted [astro-ph/0506044]
13. “*Kinematics and Metallicity of Andromeda Red Giants: The Giant Southern Stream and Discovery of a Second Cold Component at $R = 20$ kpc*”, Jasonjot S. Kalirai, Puragra Guhathakurta, Karrie M. Glibert, David B. Reitzel, Steven R. Majewski, R. Michael Rich, **Michael C. Cooper**. 2006, ApJ, 641, 268
14. “*Local Group Dwarf Elliptical Galaxies: I. Mapping the Dynamics of NGC 205 Beyond the Tidal Radius*”, Marla Geha, Puragra Guhathakurta, R. Michael Rich, **Michael C. Cooper**, 2005, AJ, 131, 332
15. “*The DEEP2 Galaxy Redshift Survey: Clustering of Groups and Group Galaxies at $z \sim 1$* ”, Alison L. Coil, Brian F. Gerke, Jeffrey A. Newman, Chung-Pei Ma, Renbin Yan, **Michael C. Cooper**, Marc Davis, S. M. Faber, Puragra Guhathakurta, David C. Koo. 2006, ApJ, 638, 668
16. “*Dynamics and Stellar Content of the Giant Southern Stream in M31. I. Keck Spectroscopy of Red Giant Stars*”, Puragra Guhathakurta, R. Michael Rich, David B. Reitzel, **Michael C. Cooper**, Karrie M. Gilbert, Steven R. Majewski, James C. Ostheimer, Marla C. Geha, Kathryn V. Johnston, Richard J. Patterson. 2006, AJ, 131, 2497
17. “*The Galaxy Hosts and Large-Scale Environments of Short-Hard Gamma-Ray Bursts*”, J. X. Prochaska, J. S. Bloom, H.-W. Chen, R. J. Foley, D. A. Perley, E. Ramirez-Ruiz, J. Granot, W. H. Lee, D. Pooley, K. Alatalo, K. Hurley, **M. C. Cooper**, A. K. Dupree, B. F. Gerke, B. M. S. Hansen, J. S. Kalirai, J. A. Newman, R. M. Rich, H. Richer, S. A. Stanford, D. Stern, W. J. M. van Breugel. 2006, ApJ, 642, 989
18. “*The DEEP2 Galaxy Redshift Survey: Clustering of Galaxies as a Function of Luminosity at $z = 1$* ”, Alison L. Coil, Jeffrey A. Newman, Renbin Yan, **Michael C. Cooper**, Marc Davis, S. M. Faber, David C. Koo, Christopher N. A. Willmer. 2006, ApJ, 644 671
19. “*The DEEP2 Galaxy Redshift Survey: The Relationship Between Galaxy Properties and Environment at $z \sim 1$* ”, **Michael C. Cooper**, Jeffrey A. Newman, Darren J. Croton, Benjamin J. Weiner, Christopher N. A. Willmer, Brian F. Gerke, Darren S. Madgwick, S. M. Faber, Marc Davis, Alison L. Coil, Douglas P. Finkbeiner, Puragra Guhathakurta, David C. Koo. 2006, MNRAS, 370, 198
20. “*The Mass Assembly History of Field Galaxies: Detection of and Evolving Mass Threshold for Star-Forming Galaxies*”, Kevin Bundy, Richard S. Ellis, Christopher J. Conselice, James E. Taylor, **Michael C. Cooper**, Christopher N. A. Willmer, Benjamin J. Weiner, Kai Noeske. 2006, ApJ, accepted [astro-ph/0512465]
21. “Exploring Halo Substructure with Giant Stars X. Extended Dark Matter or Tidal Disruption?: The Case for the Leo I Dwarf Spheroidal Galaxy”, S. T. Sohn, Steven R. Majewski, R. R. Munoz, W. E. Kunkel, K. V. Johnston, James C. Ostheimer, Puragra Guhathakurta, R. J. Patterson, M. H. Seigel, **Michael C. Cooper**. 2006, ApJ, accepted [astro-ph/0608151]
22. “The Deep Chandra Survey of the Groth Strip II. Optical Identification of the X-Ray Sources”, Antonis Georgakakis, Kirpaul Nandra, Elise S. Laird, Stephen Gwyn, Charles C. Steidel, Vicki L. Sarajedini, Pauline Barmby, S. M. Faber, Alison L. Coil, **Michael C. Cooper**, Marc Davis, Jeffrey A. Newman. 2006, MNRAS, 371, 221
23. “The Evolution of Galaxy Mergers and Morphology at $z < 1.2$ in the Extended Groth Strip”, Jennifer M. Lotz, Marc Davis, S. M. Faber, Puragra Guhathakurta, Stephen Gwyn, Jia-Sheng Huang, David

- C. Koo, Emerich Le Floch, Lihwai Lin, Jeffrey Newman, Kai Noeske, C. Papovich, Christopher N. A. Willmer, Alison Coil, Christopher J. Conselice, **Michael Cooper**, Andrew M. Hopkins, Anne Metevier, Joel Primack, George Rieke, Benjamin J. Weiner. 2006, ApJ, submitted [astro-ph/0602088]
24. “*The Metal-Poor Halo of the Andromeda Spiral Galaxy (M31)*”, Jasonjot S. Kalirai, Karrie M. Gilbert, Puragra Guhathakurta, Steven R. Majewski, James C. Ostheimer, R. Michael Rich, **Michael C. Cooper**, David B. Reitzel, Richard J. Patterson. 2006, ApJ, accepted [astro-ph/0605170]
25. “*The DEEP2 Galaxy Redshift Survey: Mean Ages and Metallicities of Red Galaxies at $z \sim 0.9$ from Stacked Spectra*”, Ricardo Schiavon, S. M. Faber, Nicholas Konidaris, Genevieve Graves, Christopher N. A. Willmer, Benjamin J. Weiner, Alison L. Coil, **Michael Cooper**, Marc Davis, Justin Harker, David C. Koo, Jeffrey A. Newman, Renbin Yan. 2006, ApJL, accepted [astro-ph/0602248]
26. “*The DEEP2 Galaxy Redshift Survey: Clustering of Quasars and Galaxies at $z = 1$* ”, Alison L. Coil, Joseph F. Hennawi, Jeffrey A. Newman, **Michael C. Cooper**, Marc Davis. 2006, ApJ, accepted [astro-ph/0607454]
27. “*AEGIS: The Color-Magnitude Relation for X-Ray Selected AGN*”, Kirpaul Nandra, Antonis Georgakakis, Christopher N. A. Willmer, **Michael C. Cooper**, Darren J. Croton, Marc Davis, S. M. Faber, David C. Koo, Elise S. Laird, Jeffrey A. Newman. 2006, ApJL, accepted [astro-ph/0607270]
28. “*AEGIS: The Environments of X-Ray Sources at $z \sim 1$* ”, Antonis Georgakakis, Kirpaul Nandra, Elise Laird, **Michael C. Cooper**, Brian F. Gerke, Jeffrey A. Newman, Darren J. Croton, Renbin Yan, Marc Davis, S. M. Faber, Alison L. Coil. 2006, ApJL, accepted [astro-ph/0607274]
29. “*The Outer Halo of M31: A New Method for Isolating Red Giant Stars and a Measurement of the Brightness Profile and Metallicity Distribution*”, Karrie M. Gilbert, Puragra Guhathakurta, Jasonjot S. Kalirai, Steven R. Majewski, James C. Ostheimer, David B. Reitzel, R. Michael Rich, A. Javier Cenarro, **Michael C. Cooper**, Carynn Luine, Richard J. Patterson. 2006, AJ, submitted [astro-ph/0605171]
30. “*Discovery of an Extended Halo of Metal-Poor Stars in the Andromeda Spiral Galaxy*”, Puragra Guhathakurta, James C. Ostheimer, Karrie M. Gilbert, R. Michael Rich, Steven R. Majewski, Jasonjot S. Kalirai, David B. Reitzel, **Michael C. Cooper**, Richard J. Patterson. 2006, ApJL, submitted [astro-ph/0605172]
31. “*The All-Wavelength Extended Groth Strip International Survey (AEGIS) Data Sets*”, M. Davis, P. Guhathakurta, N. Kondaris, M. Ashby, A. D. Biggs, P. Barmby, K. Bundy, S. Chapman, A. L. Coil, C. Conselice, **M. C. Cooper**, P. R. Eisenhardt, R. Ellis, S. M. Faber, T. Fang, G. G. Fazio, A. Georgakakis, B. F. Gerke, W. M. Goss, S. Gwyn, J. Harker, A. Hopkins, J.-S. Huang, R. Ivison, S. A. Kassin, E. Kirby, A. Koekemoer, D. C. Koo, E. Laird, E. LeFloch, L. Lin, J. Lotz, P. Marshall, D. C. Martin, A. Metevier, L. Moustakas, K. Nandra, J. A. Newman, K. G. Noeske, C. Papovich, R. M. Rich, G. H. Rieke, D. Rigopoulou, S. Salim, D. Shchiminiovich, L. Simard, I. Smail, T. Small, B. J. Weiner, C. N. A. Willmer, S. P. Willner, G. Wilson, E. L. Wright, R. Yan. 2006, ApJL, accepted [astro-ph/0607355]
32. “*The Outer Halo of M31: A New Method for Isolating Red Giant Stars and a Measurement of the Brightness Profile and Metallicity Distribution*”, Karrie M. Gilbert, Puragra Guhathakurta, Jasonjot S. Kalirai, Steven R. Majewski, James C. Ostheimer, David B. Reitzel, R. Michael Rich, A. Javier Cenarro, **Michael C. Cooper**, Carynn Luine, Richard J. Patterson. 2006, AJ, submitted [astro-ph/0605171]
33. “*A Strong-Lens Survey in AEGIS: The Influence of Large Scale Structure*”, Lexi A. Moustakas, Phil Marshall, Jeffrey A. Newman, Alison L. Coil, **Michael C. Cooper**, Marc Davis, Christopher D. Fassnacht, Brian F. Gerke, Puragra Guhathakurta, Andrew Hopkins, Nicholas P. Kondaris, Jennifer M. Lotz, Christopher N. A. Willmer. 2006, ApJL, accepted [astro-ph/0607239]
34. “*AEGIS and the DEEP2 Galaxy Redshift Survey: A Dual AGN at Redshift 0.7*”, Brian F. Gerke, Jeffrey

- A. Newman, Jennifer M. Lotz, Renbin Yan, Pauline Barmby, Alison L. Coil, Christopher J. Conselice, R. Ivison, Lihwai Lin, David C. Koo, Kirpaul Nandra, Samir Salim, Todd Small, Benjamin J. Weiner, **Michael C. Cooper**, W. M. Goss, Marc Davis, S. M. Faber, P. Guhathakurta. 2006, ApJL, accepted [astro-ph/0608380]
35. “*AEGIS: Galaxy SEDs from the UV to the Radio*”, N. Kondaris, Puragra Guhathakurta, Kevin Bundy, Alison L. Coil, **Michael C. Cooper**, Christopher J. Conslice, Peter Eisenhardt, Todd Small, Jia-Sheng Huang, R. Ivison, Sussan Kassin, Evan Kirby, Jeffrey A. Newman, Kai Noeske, Christopher N. A. Willmer, S. Willner. 2006, ApJL, accepted [astro-ph/0608378]
36. “*Star Formation Histories of AEGIS Field Galaxies: A Main Sequence, Mass Dependencies, and Staged Galaxy Formation*”, Kai G. Noeske, S. M. Faber, David C. Koo, Benjamin J. Weiner, Kevin Bundy, Marc Davis, E. LeFloc’h, Pauline Barmby, Alison L. Coil, Christopher J. Conselice, **Michael C. Cooper**, Richard Ellis, G. G. Fazio, Puragra Guhathakurta, Jia-Sheng Huang, Sussan Kassin, C. Martin, Jeffrey A. Newman, Casey Papovich, George Rieke, D. Schiminovich, Todd Small, Christopher N. A. Willmer. 2006, ApJL, submitted
37. “*Stellar Mass Tully-Fisher Relation in the AEGIS and TKRS Surveys*”, Sussan A. Kassin, Benjamin J. Weiner, Jennifer M. Lotz, Justin Harker, David C. Koo, S. M. Faber, Anner J. Metevier, **Michael C. Cooper**, Nicholas Kondaris, Kai G. Noeske, Christopher N. A. Willmer, S. P. Willner. 2006, ApJL, submitted
38. “*AEGIS: Chandra Observations of DEEP2 Galaxy Groups*”, Taotao Fang, Brian F. Gerke, Jeffrey A. Newman, Marc Davis, Kirpaul Nandra, Elise S. Laird, David C. Koo, Alison L. Coil, **Michael C. Cooper**, Darren J. Croton, Renbin Yan. 2006, ApJL, accepted [astro-ph/0608382]
39. “*AEGIS: The Diversity of Bright Near-IR Selected Distant Red Galaxies*”, Christopher J. Conselice, Jeffrey A. Newman, Antonis Georgakakis, O. Almaini, Alison L. Coil, **Michael C. Cooper**, Peter Eisenhardt, S. Foucaud, Jennifer M. Lotz, Kirpaul Nandra, Kai G. Noeske, Benjamin J. Weiner, Christopher N. A. Willmer. 2006, ApJL, accepted [astro-ph/0607242]
40. “*Panchromatic SEDs of Low Luminosity Galaxies in AEGIS*”, Evan Kirby, Puragra Guhathakurta, Nicholas Kondaris, Kai G. Noeske, Benjamin J. Weiner, Christopher N. A. Willmer, S. P. Willner, Kevin Bundy, Alison L. Coil, **Michael C. Cooper**, Christopher J. Conslice, Marc Davis, Jia-Sheng Huang, David C. Koo, Jennifer M. Lotz, Todd Small. 2006, ApJL submitted
41. “*AEGIS: Host Galaxy Morphologies of X-ray and Infrared-Selected AGN at $0.2 < z < 1.2$* ”, C. M. Pierce, Jennifer M. Lotz, Elise S. Laird, Lihwai Lin, Kirpaul Nandra, Joel R. Primack, S. M. Faber, Pauline Barmby, S. Q. Park, S. P. Willner, Stephen Gwyn, David C. Koo, Alison L. Coil, **Michael C. Cooper**, Antonis Georgakakis, Kai G. Noeske, Andrew C. Phillips, Benjamin J. Weiner, Christopher N. A. Willmer. 2006, ApJL, accepted [astro-ph/0608381]
42. “*AEGIS: Extinction and Star Formation Tracers from Line Emission*”, Benjamin J. Weiner, Casey Papovich, Kevin Bundy, Christopher J. Conslice, **Michael C. Cooper**, Richard S. Ellis, R. J. Ivison, Kai G. Noeske, Andrew C. Phillips, Renbin Yan. 2006, ApJL, submitted
43. “*Constraining the Virial Masses of Isolated Galaxies from $z = 1$ to $z = 0$* ”, Charlie Conroy, Francisco Prada, Jeffrey A. Newman, Darren J. Croton, Alison L. Coil, Christopher J. Conselice, **Michael C. Cooper**, Marc Davis, S. M. Faber, Puragra Guhathakurta, Anatoly Klypin, David C. Koo, Renbin Yan. 2006, ApJ, submitted [astro-ph/0607204]
44. “*The DEEP2 Galaxy Redshift Survey: The Evolution of the Color-Density Relation at $0.4 < z < 1.35$* ”, **Michael C. Cooper**, Jeffrey A. Newman, Alison L. Coil, Darren J. Croton, Brian F. Gerke, Renbin Yan, Marc Davis, Puragra Guhathakurta, Benjamin J. Weiner. 2006, MNRAS, submitted [astro-ph/0607512]

45. “*The DEEP2 Galaxy Redshift Survey: The Evolution of the Blue Fraction in Groups Versus the Field*”, Brian F. Gerke, Jeffrey A. Newman, S. M. Faber, **Michael C. Cooper**, Darren J. Croton, Marc Davis, Christopher N. A. Willmer, Renbin Yan. 2006, MNRAS, submitted [astro-ph/0608569]
46. “*The DEEP2/DEIMOS Spectral Reduction Pipeline*”, **Michael C. Cooper**, Jeffrey A. Newman, Marc Davis, Douglas P. Finkbeiner. 2007, PASP, in preparation
47. “*The DEEP2 Galaxy Redshift Survey: The Role of Environment in Star Formation at $z \sim 1$* ”, **Michael C. Cooper** et al. 2007, MNRAS, in preparation
48. “*The Environments of Post-Starburst Galaxies*”, Renbin Yan, **Michael C. Cooper**, Jeffrey A. Newman, et al. 2007, MNRAS, in preparation
49. “*The DEEP2 Galaxy Redshift Survey: Cosmological Constraints*”, Brian F. Gerke, Jeffrey A. Newman, Marc Davis, **Michael C. Cooper**, et al. 2007, MNRAS, in preparation
50. “*The DEEP2 Galaxy Redshift Survey: Studying the Fine-Structure Constant at $z \sim 1$* ”, Jeffrey A. Newman **et al.** 2007, *ApJ*, in preparation
51. “*TKRS2: Extended Observations of the GOODS-North Field*”, **Michael C. Cooper** et al. 2007, *AJ*, in preparation