

CURRICULUM VITAE

Name: **Dr. Casey J. Papovich**
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Educational and Professional Background

4/08 —	Texas A&M University	Assistant Professor
	Department of Physics and Astronomy	
9/05 — 3/08	University of Arizona	NASA Spitzer Prize Postdoctoral Fellowship
10/01 — 8/05	University of Arizona	Postdoctoral Research Associate
	Supervisor: Prof. George Rieke	
3/97 — 9/01	The Johns Hopkins University	PhD in Physics (awarded 5/2002)
	Supervisor: Dr. Mark Dickinson	
	“On the Nature of the Stellar Content of Galaxies in the Distant Universe”	
8/98 — 12/98	Towson University	Visiting Professor
9/95 — 3/97	The Johns Hopkins University	MA in Physics (awarded 5/1997)
	Supervisor: Prof. Colin Norman	
6/95 — 8/95	The Johns Hopkins University	Research Associate
	Supervisor: Prof. Arthur Pevsner	
9/91 — 5/95	The College of William & Mary	BS with honors in Physics (Math Minor)

Recent Grants and Awards (Partial Listing)

2010	Hubble research grant, “Stellar Populations in Galaxies During Reionization”	(\$71,409*)
2010	Hubble research grant, “Cosmic Assembly Extragalactic Legacy Survey”	(\$179,915*)
2010	NSF Astronomy/Astrophysics grant, “The Fourstar Galaxy Evolution Survey”	(\$314,321)
2010	Texas A&M Student Led Award for Teaching Excellence (SLATE)	(\$2000)
2009	Spitzer research grant, “Spitzer Extended Deep Survey”	(\$35,200)
2009	NASA research grant, “Stellar Populations of Lyman-Alpha Emission Galaxies”	(\$30,000)
2009	Spitzer research grant, “IRS Observations of a Strongly Lensed Galaxy”	(\$59,350)
2009	Spitzer research grant, “Ultradeep Observations of the Lockman Hole”	(\$50,000)
2008	Spitzer research grant, “Survey of Paschen- α in High Redshift Galaxies”	(\$185,590)
2008	Herschel research grant, “Herschel Survey of the GOODS fields”	(\$154,923)
2007	Spitzer research grant, “Survey of Paschen- α in High Redshift Galaxies”	(\$100,360)
2007	Spitzer research grant, “A Legacy Survey of the UKIDSS Ultra Deep Field”	(\$22,000)
2005	Spitzer Fellowship, “Understanding the Star-Formation History of Galaxies”	(\$270,439)

*pending

Research Interests and Activities

My research focuses on areas of observational cosmology, the formation and evolution of the most distant galaxies, and the growth of large scale structures of galaxies. This research includes the study of the growth of galaxies and supermassive blackholes within galaxies, and utilizes data from NASA’s space-based Great Observatories (Hubble, Spitzer, and Chandra), the NASA/ESA Herschel Space Observatory, and the largest terrestrial telescopes. As of July 2010, I am the author or co-author of more than 100 peer-reviewed publications, which have been cited more than 8500 times.

Teaching and Public Outreach Experience

Department of Physics and Astronomy/Texas A&M University

- 9/10 — 12/10 ASTR 101, Basic Astronomy:
An introductory course in astronomy for non-science majors.
- 1/10 — 5/10 ASTR 489/689, Extragalactic Astronomy:
An advanced graduate and upper-level undergraduate course in extragalactic astronomy.
- 9/08 — 12/09 ASTR 314, Survey of Astronomy:*
- A calculus-based astronomy course for science and engineering majors.
*SLATE award received for fall 2009 semester.
- 1/09 — Outreach lectures for the Campus Observatory Open Houses
- 9/08 — Colloquium committee member and Astronomy Seminar Organizer.

Steward Observatory/University of Arizona

- 11/06 Outreach lectures for the Arizona Astronomy Board
- 9/05 — 6/06 Journal Club Organizer
- 10/01 — 12/07 Outreach with Public Evening Lectures Series
- 10/01 — 12/07 Guest Lecturer, NATS 102 — The Physical Universe

The Johns Hopkins University

- 6/98 — 8/98 Teaching Assistant (Supervisor: D. Reinhardt), 171.101-102 — General Physics I & II
- 9/96 — 5/98 Teaching Assistant (Supervisor: D. Gerdes), 171.301-302 — Electromagnetic Theory I & II
- 9/95 — 5/96 Teaching Assistant (Supervisor: A. Pevsner), 171.411-412 — Advanced Physics Lab I & II

Towson University

- 8/98 — 12/98 Visiting Professor, PHYS 241/251 — General Physics Laboratory

Students and Postdocs Supervised

- Steven Finkelstein (2008–2012), Postdoc at Texas A&M University
- Keely Finkelstein (2009–2011), Postdoc at Texas A&M University
- Heath Shipley (2009–), Graduate Student at Texas A&M University
- John Krause (2009–), Graduate Student at Texas A&M University
- Robert Bassett (2010–), Undergraduate Student at Texas A&M University
- Robert de Alba (2009–2010), Undergraduate Research Honors Student at Texas A&M University
- Siying Peng (2009), Undergraduate Student at Texas A&M University
- Wiphu Rujopakarn (2006–2008), PhD student, 2nd-year project research, Univ. of Arizona
- Christopher Willmer (2005–2007), Postdoc at the University of Arizona
- Amelia Stutz (2003–2007), PhD student, 2nd-year project research, Univ. of Arizona
- Lei Bai, Kristian Finlator, Jane Rigby, Yong Shi (2003–2008), PhD students, supervised parts of doctoral research, Univ. of Arizona

Community Service

- 2010 Spitzer Space Telescope Cycle 8 Proposal Review Panel, Chair
- 2008 — 2011 MAST (Multi-mission Archive at Space Telescope) Users Group
- 2008 Spitzer Prize Fellowship Review Committee
- 2006 — 2011 NOAO Telescope Allocation Committee, Extragalactic Panel
- 2006 Local Organizing Committee, “Massive Galaxies through Cosmic Time 2”, Tucson, AZ
- 2006 Scientific Organizing Committee, “Galaxy Evolution from Large Surveys”, Aspen, CO
- 2005 Spitzer Space Telescope Cycle 2 Proposal Review Panel
- 2005 Scientific Organizing Committee, “Infrared Diagnostics of Galaxy Evolution”, Pasadena, CA
- 2002 — present Peer reviewer for publications in the *Astrophysical Journal*, *Astronomy & Astrophysics*, and *Monthly Notices of the Royal Astronomical Society*

Publications

Refereed Papers

1. Papovich, C., Finkelstein, S. L., Ferguson, H. C., Lotz, J. M., & Giavalisco, M., *The Rising Star-Formation Histories of Distant Galaxies and Its Impact on Gas Accretion*, (2010), MNRAS, submitted, arXiv:1007.4554
2. Tran, K.-V., Papovich, C., Saintonge, A., Brodwin, M., Dunlop, J. S., Farrah, D., Finkelstein, K. D., Finkelstein, S. L., and 4 coauthors, *Reversal of Fortune: First Confirmation of an Increasing Star Formation-Density Relation in a Cluster at $z = 1.62$* , (2010), ApJL, 719, L216
3. Gonzalez, A., Papovich, C., Bradač, M., & Jones, C., *Spectroscopic Confirmation of a $z = 2.79$ Multiply Imaged Luminous Infrared Galaxy Behind the Bullet Cluster*, (2010), ApJ, in press, arXiv:1005.3817
4. Finkelstein, S. L., Papovich, C., Giavalisco, M., Reddy, N. A., Ferguson, H. C., Koekemoer, A. M., & Dickinson, M., *On the Stellar Populations and Evolution of Star-Forming Galaxies at $6.3 < z < 8.0$* , (2010), ApJ, 719, 1250
5. Rujopakarn, W., Eisenstein, D. J., Rieke, G., Papovich, C., Cool, R. J., Moustakas, J., Jannuzi, B. T., Kochanek, C. S., and 6 authors *The Evolution of the Star Formation Rate of Galaxies at $0.0 \leq z \leq 1.2$* , (2010), ApJ, 718, 1171
6. Papovich, C., Momcheva, I., Willmer, C. N. A., Finkelstein, K. D., Finkelstein, S. L., Tran, K.-V., Brodwin, M., Dunlop, J. S., and 10 coauthors, *A Spitzer-Selected Galaxy Cluster at $z = 1.62$* , (2010), ApJ, 716, 1503
7. Cassata, P. *et al.* (Papovich 14th author), *The Morphology of Passively Evolving Galaxies at $z \sim 2$ from Hubble Space Telescope/WFC3 Deep Imaging of the Hubble Ultra Deep Field*, (2010), ApJL, 714, L79
8. Papovich, C., Rudnick, G., Rigby, J. R., Willmer, C. N. A., Smith, J.-D., T., Finkelstein, S. L., Egami, E., & Rieke, M., *Paschen- α Emission in the Gravitationally Lensed Galaxy SMM J163554.2+661225*, (2009), ApJ, 704, 1506
9. Robaina, A., *et al.* (Papovich 23rd author), *Less than 10 percent of star formation $z = 0.6$ massive galaxies is triggered by major interactions*, (2009), ApJ, 704, 324
10. Finkelstein, S. L., Cohen, S. H., Malhotra, S., Rhoads, J. E., Papovich, C., Zheng, Z., & Wang, J., *A Plethora of AGN Among Lyman Alpha Galaxies at Low Redshift*, (2009), ApJL, 703, L162
11. Finkelstein, S. L., Papovich, C., Rudnick, G., Egami, E., Le Floch, E., Rieke, M., Rigby, J. R., & Willmer, C. N. A., *Turning Back the Clock: Inferring the History of the Eight O'Clock Arc*, (2009), ApJ, 700, 376
12. Huang, J.-S., *et al.* (Papovich 19th author), *Infrared Spectrograph Spectroscopy and Multi-Wavelength Study of Luminous Star-Forming Galaxies at $z \simeq 1.9$* , (2009), ApJ, 700, 183
13. Salim, S., *et al.* (Papovich 9th author), *Mid-IR Luminosities and UV/Optical Star Formation Rates at $z < 1.4$* , (2009), ApJ, 700, 161
14. Coppin, K. E. K., *et al.* (Papovich 29th author), *A submillimetre galaxy at $z = 4.76$ in the LABOCA survey of the Extended Chandra Deep Field South*, (2009), MNRAS, 395, 1905
15. Joglekar, S., *et al.* (Papovich 25th author), *History of Galaxy Interactions and Their Impact on Star Formation Over the last 7 Gyr*, (2009), ApJ, 697, 1971

16. Bluck, A. F. L., Conselice, C. J., Bouwens, R. J., Daddi, E., Dickinson, M., Papovich, C., & Yan, Haojing, *A Surprisingly High Pair Fraction for Extremely Massive Galaxies at $z \sim 3$ in the GOODS NICMOS survey*, (2009), MNRAS, 394, 51
17. Wolf, C., *et al.* (Papovich 21st author), *The STAGES view of red spirals and dusty red galaxies: mass-dependent quenching of star formation in cluster infall*, (2009), MNRAS, 393, 1302
18. Gray, M. E., *et al.* (Papovich 29th author), *STAGES: the Space Telescope A901/2 Galaxy Evolution Survey*, (2009), ApJ, 393, 1275
19. Brand, K., *et al.* (Papovich 13th author), *The Origin of the $24 \mu\text{m}$ Excess in Red Galaxies*, (2009), ApJ, 693, 340
20. Tyler, K. D., *et al.* (Papovich 11th author), *Spitzer 70/160 μm Observations of High-Redshift ULIRGs and HyLIRGs in the Boötes Field*, (2009), ApJ, 691, 1836
21. Gallazzi, A., Bell, E. F., Wolf, C., Gray, M. E., Papovich, C., Barden, M., Peng, C. Y., Meisenheimer, K., and 18 authors, *Obscured Star Formation in Intermediate-Density Environments: A Spitzer Study of the Abell 901/902 Supercluster*, (2009), ApJ, 690, 1883
22. Stutz, A., Papovich, C., Eisenstein, D. J., *On the Stellar Populations in Faint Red Galaxies in the Hubble Ultra Deep Field*, (2008), ApJ, 677, 127
23. Alonso-Herrero, A., Pérez-González, P. G., Rieke, G. H., Alexander, D. M., Rigby, J. R., & Papovich, C., *The Host Galaxies and Black Holes of Typical $z \sim 0.5-1.4$ AGNs*, (2008), ApJ, 677, 127
24. Papovich, C., *The Angular Clustering of Distant Galaxy Clusters*, (2008), ApJ, 676, 206
25. Marcillac, D., Rieke, G. H., Papovich, C., Willmer, C. N. A., Weiner, B. J., Coil, A. L., Cooper, M. C., Gerke, B. F., and 8 authors, *The Environment on a Few Mpc Scales of Infrared Luminous Galaxies at Redshift $z \sim 1$* , (2008), ApJ, 675, 1156
26. Rigby, J. R., *et al.* (Papovich 13th author), *Mid-Infrared Spectroscopy of Lensed Galaxies at $1 < z < 3$: The Nature of Sources Near the MIPS Confusion Limit*, (2008), ApJ, 675, 262
27. Lotz, J. M., *et al.* (Papovich 12th author), *The Evolution of Galaxy Mergers and Morphology at $z < 1.2$ in the Extended Groth Strip*, (2008), ApJ, 672, 177
28. Younger, J. D., Huang, J.-S., Fazio, G. G., Cox, T. J., Lai, K., Hopkins, P. F., Hernquist, L., Papovich, C., and 6 authors, *Rest-Frame Ultraviolet to Near-Infrared Observations of an Interacting Lyman Break Galaxy at $z = 4.42$* , (2007), ApJ, 671, 1241
29. Toft, S., *et al.* (Papovich 15th author), *Hubble Space Telescope and Spitzer Imaging of Red and Blue Galaxies at $z \sim 2.5$: A Correlation between Size and Star Formation Activity from Compact Quiescent Galaxies to Extended Star-forming Galaxies*, (2007), ApJ, 671, 285
30. Laidler, V. G., Papovich, C., Grogin, N., Idzi, R., Dickinson, M., Ferguson, H. C., Hilbert, B., Clubb, K., and 1 author, *TFIT: A Photometry Package Using Prior Information for Mixed Resolution Datasets*, 2007 PASP, 119, 1325
31. Conselice, C.J., *et al.* (Papovich 12th author), *The properties and evolution of a K-band selected sample of massive galaxies at $z \sim 0.4 - 2$ in the Palomar/DEEP2 survey*, (2007), MNRAS, 381, 962
32. Gilmour, R., Gray, M. E., Almaini, O., Best, P., Wolf, C., Meisenheimer, K., Papovich, C., & Bell, E., *Environmental dependence of active galactic nuclei activity in the supercluster A901/902*, (2007), MNRAS, 380, 1467

33. Papovich, C., Rudnick, G., Le Floch, E., van Dokkum, P., Rieke, G. H., Taylor, E., Armus, L., Gawiser, E., and 3 authors, *Spitzer Mid- to Far-Infrared Flux Densities of Distant Galaxies*, (2007), ApJ, 668, 45
34. Ivison, R. J., *et al.* (Papovich 24th author), *The SCUBA HALF Degree Extragalactic Survey - III. Identification of radio and mid-infrared counterparts to submillimetre galaxies*, (2007), MNRAS, 380, 199
35. Chary, R.-R., Teplitz, H. I., Dickinson, M. E., Koo, D. C., Le Floch, E., Marcillac, D., Papovich, C., & Stern, D., *Hubble Ultra Deep Field-JD2: Mid-Infrared Evidence for a $z \sim 2$ Luminous Infrared Galaxy*, (2007), ApJ, 665, 257
36. Bell, E. F., Zheng, X. Z., Papovich, C., Borch, A., Wolf, C., & Meisenheimer, K. *Star Formation and the Growth of Stellar Mass*, (2007), ApJ, 663, 834
37. Zheng, X. Z., Bell, E. F., Papovich, C., Wolf, C., Meisenheimer, K., Rix, H.-W., Rieke, G. H., & Somerville, R., *The Dependence of Star Formation on Galaxy Stellar Mass*, (2007), ApJ, 661, 41
38. Huang, J. -S., Rigopoulou, D., Papovich, C., Ashby, M. L. N., Willner, S. P., Ivison, R., Laird, E. S., Webb, T., and 11 authors, *AEGIS: Infrared Spectroscopy of An Infrared Luminous Lyman Break Galaxy at $z=3.01$* , (2007), ApJL, 600, L69
39. Le Floch, E., *et al.* (Papovich 13th author), *Far-infrared characterization of an ultra-luminous starburst associated with a massively-accreting black hole at $z=1.15$* , (2007), ApJL, 660, L65
40. Wilson, G., *et al.* (Papovich 14th author), *AEGIS: A Panchromatic Study of IRAC-selected Extremely Red Objects with Confirmed Spectroscopic Redshifts*, (2007), ApJL, 660, L59
41. Ballantyne, D. R., and Papovich, C., *On the Contribution of AGN to the Cosmic Background Radiation*, (2007), ApJ, 660, 988
42. Noeske, K., Faber, S. M., Koo, D. C., Weiner, B. J., Papovich, C., Le Floch, E., Rieke, G. H., Conselice, C. J., and 5 authors, *Star Formation in AEGIS Field Galaxies Since $z = 1$: A Model of Mass-Dependent Gas Exhaustion and Staged Galaxy Formation*, (2007), ApJL, 660, L47
43. Noeske, K., Weiner, B. J., Faber, S. M., Papovich, C., Koo, D. C., Le Floch, E., Bundy, K., Schiminovich, D., and 21 authors, *Star Formation in AEGIS Field Galaxies Since $z = 1$: Dominance of Gradually Declining Over Episodic Star Formation*, (2007), ApJL, 660, L43
44. Weiner, B. J., Papovich, C., Bundy, K., Conselice, C. J., Cooper, M. C., Ellis, R. S., Ivison, R. J., Noeske, K. G., and 2 authors, *AEGIS: Extinction and Star Formation Tracers from Line Emission*, (2007), ApJL, 660, L39
45. Davis, M., *et al.* (Papovich 41st author), *The All-wavelength Extended Groth Strip International Survey (AEGIS) Data Sets*, (2007), ApJL, 660, L1
46. Ballantyne, D. R., Shi, Y., Rieke, G. H., Donley, J. L., Papovich, C., and Rigby, J. R., *Does the AGN Unified Model Evolve with Redshift? Utilizing the X-ray Background to Predict the Mid-Infrared Emission of AGN*, (2006), ApJ, 653, 1070
47. Ravindranath, S., *et al.* (Papovich 11th author), *The Morphological Diversities among Star-forming Galaxies at High Redshifts in the Great Observatories Origins Deep Survey*, (2006), ApJ, 652, 963
48. Maraston, C., Daddi, E., Renzini, A., Cimatti, A., Dickinson, M., Papovich, C., Pasquali, A., and Pirzkal, N., *Evidence for TP-AGB Stars in High-Redshift Galaxies, and Their Effect on Deriving Stellar Population Parameters*, (2006), ApJ, 652, 85

49. Richards, G. T., Lacy, M., Storrie-Lombardi, L. J., Hall, P. B., Gallagher, S. C., Hines, D. C., Fan, X., Papovich, C., and 9 authors, *Spectral Energy Distributions and Multiwavelength Selection of Type 1 Quasars*, (2006), ApJS, 166, 470
50. Rigopoulou, D., Huang, J.-S., Papovich, C., Ashby, M. L. N., Barmby, P., Shu, C., Bundy, K., Egami, E., and 5 authors, *Spitzer Observations of $z \sim 3$ Lyman Break Galaxies: Stellar Masses and Mid-Infrared Properties*, (2006), ApJ, 648, 81
51. Egami, E., *et al.* (Papovich 14th author), *Spitzer Observations of the Brightest Galaxies in X-Ray-Luminous Clusters*, (2006), ApJ, 647, 922
52. Shi, Y., Rieke, G. H., Papovich, C., Pérez-González, P. G., and Le Floch, E., *Morphology of Spitzer $24 \mu\text{m}$ Detected Galaxies in the UDF: The Links between Star Formation and Galaxy Morphology*, (2006), ApJ, 645, 199
53. Papovich, C., Cool, R., Eisenstein, D., Le Floch, E., Fan, X., Kennicutt, R. C., Jr., Smith, J. D. T., Rieke, G. H., and 1 author, *An MMT Hectospec Redshift Survey of $24 \mu\text{m}$ Sources in the Spitzer First Look Survey*, (2006), AJ, 132, 231
54. Brand, K., *et al.* (Papovich 11th author), *The Active Galactic Nuclei Contribution to the Mid-Infrared Emission of Luminous Infrared Galaxies*, (2006), ApJ, 644, 143
55. Dole, H., Lagache, G., Puget, J.-L., Caputi, K. I., Fernández-Conde, N., Le Floch, E., Papovich, C., Pérez-González, P. G., and 2 authors, *The cosmic infrared background resolved by Spitzer. Contributions of mid-infrared galaxies to the far-infrared background*, (2006), A&A, 451, 417
56. Zheng, X. Z., Bell, E. F., Rix, H.-W., Papovich, C., Le Floch, E., Rieke, G. H., and Pérez-González, P. G., *Detecting Faint Galaxies by Stacking at $24 \mu\text{m}$* , (2006), ApJ, 640, 784
57. Alonso-Herrero, A., Pérez-González, P. G., Alexander, D. M., Rieke, G. H., Rigopoulou, D., Le Floch, E., Barmby, P., Papovich, C., and 7 authors, *Infrared Power-Law Galaxies in the Chandra Deep Field-South: Active Galactic Nuclei and Ultraluminous Infrared Galaxies*, (2006), ApJ, 640, 167
58. Papovich, C., Moustakas, L. A., Dickinson, M., Le Floch, E., Rieke, G. H., Daddi, E., Alexander, D. M., Bauer, F., and 13 authors, *Spitzer Observations of Massive, Red Galaxies at High Redshift*, (2006), ApJ, 640, 92
59. Finlator, K., Davé, R., Papovich, C., and Hernquist, L., *The Physical and Photometric Properties of High-Redshift Galaxies in Cosmological Hydrodynamic Simulations*, (2006), ApJ, 639, 672
60. Brown, M. J. I., *et al.* (Papovich 12th author), *The $1 < z < 5$ Infrared Luminosity Function of Type I Quasars*, (2006), ApJ, 638, 88
61. Caputi, K. I., *et al.* (Papovich 9th author), *Linking Stellar Mass and Star Formation in Spitzer MIPS $24 \mu\text{m}$ Galaxies*, (2006), ApJ, 637, 727
62. Huang, J.-S., Rigopoulou, D., Willner, S. P., Papovich, C., Shu, C., Ashby, M. L. N., Barmby, P., Bundy, K., and 7 authors, *Infrared Luminous Lyman Break Galaxies: A Population that Bridges LBGs and SCUBA Galaxies*, (2005), ApJ, 634, 137
63. Yan, H., *et al.* (Papovich 9th author), *Rest-Frame Ultraviolet-to-Optical Properties of Galaxies at $z \sim 6$ and $z \sim 5$ in the Hubble Ultra Deep Field: From Hubble to Spitzer*, (2005), ApJ, 634, 109
64. Le Floch, E., Papovich, C., Dole, H., Bell, E. F., Lagache, G., Rieke, G. H., Egami, E., Pérez-González, P. G., and 9 authors, *Infrared Luminosity Functions from the Chandra Deep Field-South: The Spitzer View on the History of Dusty Star Formation at $0 < z < 1$* , (2005), ApJ, 632, 169

65. Daddi, E., *et al.* (Papovich 13th author), *The Population of BzK-selected ULIRGs at $z \sim 2$* , (2005), ApJL, 631, L13
66. Papovich, C., Dickinson, M., Giavalisco, M., Conselice, C. J., and Ferguson, H. C., *The Assembly of Diversity in the Morphologies and Stellar Populations of High-Redshift Galaxies*, (2005), ApJ, 631, 101
67. Pérez-González, P. G., Rieke, G. H., Egami, E., Alonso-Herrero, A., Dole, H., Papovich, C., Blaylock, M., Jones, J., and 6 authors, *Spitzer View on the Evolution of Star-forming Galaxies from $z = 0$ to $z \sim 3$* , (2005), ApJ, 630, 82
68. Gordon, K. D., *et al.* (Papovich 15th author), *Reduction Algorithms for the Multiband Imaging Photometer for Spitzer*, (2005), PASP, 117, 503
69. Bell, E. F., Papovich, C., Wolf, C., Le Floch, E., Caldwell, J. A. R., Barden, M., Egami, E., McIntosh, D. H., and 6 authors, *Toward an Understanding of the Rapid Decline of the Cosmic Star Formation Rate*, (2005), ApJ, 625, 23
70. Conselice, C. J., Blackburne, J. A., and Papovich, C., *The Luminosity, Stellar Mass, and Number Density Evolution of Field Galaxies of Known Morphology from $z = 0.5$ to 3*, (2005), ApJ, 620, 564
71. Egami, E., Kneib, J.-P., Rieke, G. H., Ellis, R. S., Richard, J., Rigby, J., Papovich, C., and 6 authors, *Spitzer and Hubble Space Telescope Constraints on the Physical Properties of the $z \sim 7$ Galaxy Strongly Lensed by A2218*, (2005), ApJL, 618, L5
72. Engelbracht, C. W., *et al.* (Papovich 11th author), *Far-Infrared Imaging of NGC 55*, (2004), ApJS, 154, 248
73. Le Floch, E., Pérez-González, P. G., Rieke, G. H., Papovich, C., Huang, J.-S., Barmby, P., Dole, H., Egami, E., and 19 authors, *Identification of Luminous Infrared Galaxies at $1 < z < 2.5$* , (2004), ApJS, 154, 170
74. Rigby, J. R., Rieke, G. H., Maiolino, R., Gilli, R., Papovich, C., Pérez-González, P. G., Alonso-Herrero, A., Le Floch, E., Engelbracht, C. W., and 7 authors, *24 Micron Properties of X-Ray-selected Active Galactic Nuclei*, (2004), ApJS, 154, 160
75. Alonso-Herrero, A., Pérez-González, P. G., Rigby, J., Rieke, G. H., Le Floch, E., Barmby, P., Page, M. J., Papovich, C., and 23 authors, *The Nature of Luminous X-Ray Sources with Mid-Infrared Counterparts*, (2004), ApJS, 154, 155
76. Egami, E., Dole, H., Huang, J.-S., Pérez-Gonzalez, P., Le Floch, E., Papovich, C., Barmby, P., Ivison, R. J., and 19 authors, *Spitzer Observations of the SCUBA/VLA Sources in the Lockman Hole: Star Formation History of Infrared-Luminous Galaxies*, (2004), ApJS, 154, 130
77. Ivison, R. J., *et al.* (Papovich 21st author), *Spitzer Observations of MAMBO Galaxies: Weeding Out Active Nuclei in Starbursting Protoellipticals*, (2004), ApJS, 154, 124
78. Serjeant, S., *et al.* (Papovich 22nd author), *Submillimeter Detections of Spitzer Space Telescope Galaxy Populations*, (2004), ApJS, 154, 118
79. Lagache, G., Dole, H., Puget, J.-L., Pérez-González, P. G., Le Floch, E., Rieke, G. H., Papovich, C., Egami, E., and 5 authors, *Polycyclic Aromatic Hydrocarbon Contribution to the Infrared Output Energy of the Universe at $z \simeq 2$* , (2004), ApJS, 154, 112
80. Wilson, G., *et al.* (Papovich 12th author), *Extremely Red Objects in the Lockman Hole*, (2004), ApJS, 154, 107

81. Dole, H., *et al.* (Papovich 17th author), *Confusion of Extragalactic Sources in the Mid- and Far-Infrared: Spitzer and Beyond*, (2004), ApJS, 154, 93
82. Dole, H., Le Floch, E., Pérez-González, P. G., Papovich, C., Egami, E., Lagache, G., Alonso-Herrero, A., Engelbracht, C. W., and 16 authors, *Far-infrared Source Counts at 70 and 160 Microns in Spitzer Deep Surveys*, (2004), ApJS, 154, 87
83. Papovich, C., Dole, H., Egami, E., Le Floch, E., Pérez-González, P. G., Alonso-Herrero, A., Bai, L., Beichman, C. A., and 15 authors, *The 24 Micron Source Counts in Deep Spitzer Space Telescope Surveys*, (2004), ApJS, 154, 70
84. Huang, J.-S., *et al.* (Papovich 11th author), *Infrared Array Camera (IRAC) Imaging of the Lockman Hole*, (2004), ApJS, 154, 44
85. Rieke, G. H., *et al.* (Papovich 26th author), *The Multiband Imaging Photometer for Spitzer (MIPS)*, (2004), ApJS, 154, 25
86. Barton, E. J., Davé, R., Smith, J.-D. T., Papovich, C., Hernquist, L., and Springel, V., *Searching for Star Formation beyond Reionization*, (2004), ApJL, 604, L1
87. Somerville, R. S., *et al.* (Papovich 12th author), *The Redshift Distribution of Near-Infrared-Selected Galaxies in the Great Observatories Origins Deep Survey as a Test of Galaxy Formation Scenarios*, (2004), ApJL, 600, L135
88. Moustakas, L. A., *et al.* (Papovich 12th author), *Morphologies and Spectral Energy Distributions of Extremely Red Galaxies in the GOODS-South Field*, (2004), ApJL, 600, L131
89. Idzi, R., Somerville, R., Papovich, C., Ferguson, H. C., Giavalisco, M., Kretchmer, C., and Lotz, J., *The $z \sim 4$ Lyman Break Galaxies: Colors and Theoretical Predictions*, (2004), ApJL, 600, L115
90. Papovich, C., Dickinson, M., Ferguson, H. C., Giavalisco, M., Lotz, J., Madau, P., Idzi, R., Kretchmer, C., and 6 authors, *Evolution in the Colors of Lyman Break Galaxies from $z \sim 4$ to $z \sim 3$* , (2004), ApJL, 600, L111
91. Ferguson, H. C., *et al.* (Papovich 14th author), *The Size Evolution of High-Redshift Galaxies*, (2004), ApJL, 600, L107
92. Giavalisco, M., *et al.* (Papovich 11th author), *The Rest-Frame Ultraviolet Luminosity Density of Star-forming Galaxies at Redshifts $z > 3.5$* , (2004), ApJL, 600, L103
93. Dickinson, M., *et al.* (Papovich 13th author), *Color-selected Galaxies at $z \sim 6$ in the Great Observatories Origins Deep Survey*, (2004), ApJL, 600, L99
94. Giavalisco, M., *et al.* (Papovich 40th author), *The Great Observatories Origins Deep Survey: Initial Results from Optical and Near-Infrared Imaging*, (2004), ApJL, 600, L93
95. Papovich, C., Giavalisco, M., Dickinson, M., Conselice, C. J., and Ferguson, H. C., *The Internal Ultraviolet-Optical Color Dispersion: Quantifying the Morphological K-Correction*, (2003), ApJ, 598, 827
96. Conselice, C. J., Bershady, M. A., Dickinson, M., and Papovich, C., *A Direct Measurement of Major Galaxy Mergers at $z < 3$* , (2003), AJ, 126, 1183
97. Dickinson, M., Papovich, C., Ferguson, H. C., and Budavári, T., *The Evolution of the Global Stellar Mass Density at $0 < z < 3$* , (2003), ApJ, 587, 25

98. Papovich, C., and Bell, E. F., *On Measuring the Infrared Luminosity of Distant Galaxies with the Space Infrared Telescope Facility*, (2002), ApJL, 579, L1
99. Ferguson, H. C., Dickinson, M., and Papovich, C., *Lyman Break Galaxies and the Reionization of the Intergalactic Medium*, (2002), ApJL, 569, L65
100. Papovich, C., Dickinson, M., and Ferguson, H. C., *The Stellar Populations and Evolution of Lyman Break Galaxies*, (2001), ApJ, 559, 620
101. Holden, B. P., Stanford, S. A., Rosati, P., Squires, G., Tozzi, P., Fosbury, R. A. E., Papovich, C., Eisenhardt, P., and 2 authors, *RX J0848+4456: Disentangling a Moderate Redshift Cluster*, (2001), AJ, 122, 629
102. Papovich, C., Norman, C. A., Bowen, D. V., Heckman, T., Savaglio, S., Koekemoer, A. M., and Blades, J. C., *Hubble Space Telescope Observations of the Associated Absorption-Line Systems in Q0122+0338*, (2000), ApJ, 531, 654
103. Dickinson, M., *et al.* (Papovich 9th author), *The Unusual Infrared Object HDF-N J123656.3+621322*, (2000), ApJ, 531, 624

Selected Conference Presentations and Abstracts

1. Papovich, C. invited review talk at *Massive Galaxies through Cosmic Time 3*, Tucson, Arizona, November 2010, *On the Star Formation Histories and Gas Accretion of Massive Galaxies*
2. Papovich, C. contributed talk at *Galaxy Clusters 2010: From Massive Galaxy Formation to Dark Energy*, Kashiwa, Japan, June 2010, *The Search for Distant Galaxy Clusters Selected from Galaxy Overdensities*
3. Papovich, C. contributed talk at *First Galaxies, Quasars & Gamma Ray Bursts*, State College, Pennsylvania, June 2010, *Characteristics and Evolution of Galaxies at $3 < z < 8$*
4. Papovich, C. contributed talk at *Harvesting the Redshift Desert*, Marseille, France, June 2009, *On the Star Formation Rates of Galaxies in the Redshift Desert*
5. Papovich, C. invited review talk at *Probing Stellar Populations out to the Distant Universe*, Cefalù, Italy, September 2008, *Understanding Galaxies at the Peak of the Star Formation Rate*
6. Papovich, C. contributed talk *The All-wavelength Extended Groth Strip International Survey meeting*, London, England, May 2008, *Galaxy Overdensities at $z > 1.3$*
7. Papovich, C. invited review talk at *Galaxy Growth in a Dark Universe*, Heidelberg, Germany, July 2007, *The History of Star Formation Since $z = 1$*
8. Papovich, C. invited review talk at *Massive Galaxies through Cosmic Time 2*, Tucson, Arizona, Nov. 2006, *The Star Formation and Assembly Histories of Distant Massive Galaxies*
9. Papovich, C. invited review talk to appear in the proceedings of *IAU Symposium 235: Galaxy Evolution Across the Hubble Time*, Prague, Czech Republic, Aug. 2006, eds. J. Palous & F. Combes, (astro-ph/0611096), *The Star Formation History and Stellar Assembly of High Redshift Galaxies*
10. Papovich, C., contributed talk to appear in the proceedings of *Infrared Diagnostics of Galaxy Evolution*, Pasadena, California, Nov. 2005, ed. R. Chary (astro-ph/0604252) *Spitzer Observations of Massive Red Galaxies at High Redshifts*

11. Papovich, C., invited review talk to appear in the proceedings of *Extreme Starbursts, Near and Far*, Lijiang, China, Aug. 2005, eds. Y. Gao, (astro-ph/0601408) *Spitzer View of Massive Galaxies at $z \sim 1-3$* .
12. Papovich, C., contributed talk at *Nearly Normal Galaxies 2005*, Santa Cruz, California, Aug. 2005, *Spitzer View of Massive Galaxies at $z \sim 1 - 3$* .
13. Papovich, C., contributed talk to appear in the proceedings of *First Light and Reionization*, May 2005, Irvine, California, eds. E. Barton and A. Cooray (astro-ph/0511566) *Spitzer Observations of Red Galaxies: Implication for High-Redshift Star Formation*.
14. Papovich, C., invited review talk at *Multiwavelength View of Galaxy Evolution*, Ringberg, Germany, April 2005, *On the Evolution of Infrared Galaxy Surveys*