

CURRICULUM VITAE

STEPHEN E. ZEPF

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ACADEMIC POSITIONS

2004 – present	Professor, Department of Physics and Astronomy Michigan State University
2001 – present	Associate Professor, Department of Physics and Astronomy Michigan State University
1999 – 2001	Director of Graduate Studies, Department of Astronomy Yale University
1997 – 2001	Assistant Professor, Department of Astronomy, Yale University
1993 – 1997	Hubble Fellow & Assistant Research Scientist, University of California, Berkeley
1991 – 1993	Postdoctoral Fellow, University of Durham
1986 – 1991	Graduate Research Fellow, Space Telescope Science Institute
1985 – 1986	Teaching Assistant, The Johns Hopkins University

EDUCATION

Ph.D., Physics, 1992	Johns Hopkins University Thesis Title: “Evolution of Galaxies in Compact Groups”
M.A., Physics, 1987	Johns Hopkins University
B.S., Physics, 1985	University of Notre Dame

AWARDS & FELLOWSHIPS

Hellman Family Fellowship, 1999
Hubble Fellowship, 1993-1996
STScI Graduate Student Fellowship, 1986-1991
National Merit Scholar, 1981-1985

GRANT HISTORY

Summary: Annual rate of federal funding for research group of approximately \$300k/yr, all paying full overhead to MSU, CNS, and Physics and Astronomy Department. In addition, co-PI on \$1,500,000 MSU REF center.

Current Federal Funding

PI, NSF, "Emission Lines and Black-Hole Activity in Extragalactic Globular Clusters," 08/01/08 - 07/30/10, \$170,137

PI, NASA, "The Origin and Evolution of LMXBs and Their Connection to Globular Clusters," 04/01/08-03/31/11, \$234,675

Co-I, NASA/Drexel, "Dynamical Evolution of Young & Old Globular Clusters & Globular Cluster Systems," 04/01/08-03/31/11, \$38,360 (MSU share)

PI, NSF, "Collaborative Project: An Investigation of the Formation and Evolution of Globular Cluster Systems and Their Host Galaxies," 08/15/04 - 08/14/07, \$243,848

PI, HST General Observer Program "Determining the Structural Parameters of the First Globular Cluster Found to Host a Black-Hole X-ray Binary," 01/01/08 - 12/31/09, \$78,808

PI, Chandra Archival Program, "Testing for Spectral Differences between LMXBs in Metal-Rich and Metal-Poor GCs and Their Implications," 12/01/07/ - 11/30/08, \$58,500

PI, HST General Observer Program "Globular Cluster Systems of Elliptical Galaxies in Low Density Environments," 08/01/05 - 10/31/08, \$77,554

co-I, HST Archival Research Program "Blue Tilts and Other Properties of Halo Globular Clusters in Nearby Galaxies - Cosmological or Observational Bias? ," 09/01/07 - 08/31/09, \$93,000

co-I, XMM Observer Program, "A Deep Look at the Ursa Minor Dwarf Spheroidal Galaxy," 09/15/05 - 09/14/07, \$22,200

co-I, Chandra Archival Program, "Probing the Effects of Globular Cluster Age on Low Mass X-ray Binary Formation," 11/01/06 - 10/31/08, \$63,500

co-I, HST General Observer Program "A Deep H-band Probe of the Globular Cluster Mass Function," 01/01/06 - 12/31/07, \$40,000

MSU sponsor of postdoc Dr. A. Kundu's NASA LTSA Grant "Multiwavelength Study of the Globular Cluster Systems of Ellipticals and S0s," 03/15/03 - 03/14/08, \$556,806

Other Current Funding

co-PI, MSU REF Center "Center for the Study of Cosmic Evolution" 07/01/04 - 06/30/09 \$1,500,000

Past

PI, Spitzer GO Program, “Testing Stellar Population Models with Observations of Intermediate-Age Globular Clusters in NGC 4365,” 09/01/04 - 8/31/07, \$12,200

PI, HST General Observer Program “Microlensing in M87 and the Virgo Cluster,” 08/01/05 - /7/31/07, \$18,005

PI, Chandra Archival Program, “An Archival Study of the Origin and Evolution of LMXBs in Elliptical Galaxies,” 11/01/04 - 10/31/06, \$62,990

co-I, XMM Observer Program, “A Deep Look at the Ursa Minor Dwarf Spheroidal Galaxy,” 09/15/05 - 09/14/07, \$22,200

PI, HST General Observer Program “The Age and Mass Function of the Intermediate Age Globular Cluster System of NGC 4365,” 08/01/03 - /7/31/06, \$35,696

PI, NASA Long-Term Space Astrophysics Research Program “The Formation History of Galaxies: Constraints from Globular Cluster Systems and Deep Multi-Wavelength Surveys,” 06/01/00 - 05/30/06, \$598,360

PI (for US Funding), Chandra GO Program, “Using the Sculptor Dwarf Spheroidal galaxy to Constrain X-ray Binary Production in Population II,” 04/01/04 - 03/31/06, \$31,117

co-I, NSF Advanced Technology and Instrumentation, “Wide-Field Upgrade for the Spartan Infrared Camera,” 08/01/03 - 07/31/05, \$148,787

PI, Chandra Archival Program, “An Archival Study of the Relationship between Globular Clusters and LMXBS in Elliptical Galaxies,” 11/01/02 - 10/31/05, \$77,994

PI, HST General Observer Program “The Formation Epoch(s) of Globular Clusters Around Ellipticals from Ultraviolet Photometry,” 03/01/01 - 08/31/04, \$68,499

PI, HST General Observer Program, “Pixel Microlensing,” 09/01/00 - 08/31/04, \$76,210

PI, HST Archival Program “The Radii and Destruction Timescales of Globular Clusters in NGC 3610, 09/01/00 - 08/31/04, \$36,000

PI, NASA Astrophysics Theory Program “Globular Cluster Formation,” 04/01/00 - 05/30/04, \$311,653

co-I, HST Archival Research Program, “The Evolution of the Globular Cluster System of M87,” 05/01/01 - 02/29/04, \$59,500

administrative PI, NASA Graduate Student Researchers Program to my PhD student Katherine Rhode, 07/01/00 - 07/00/03, \$66,000

PI, HST General Observer Program, “Weighing the Stellar Halo of NGC 5907 with NICMOS,” 05/15/98 - 05/14/00, \$83,170

PI, The Concentration of Tidal Radii of Globular Clusters in Virgo Ellipticals,” 05/01/98 - 04/30/00, \$39,183

PI, HST General Observer Program, “Calibration of the Cepheid P-L Relation with Observations of the Maser-Host Galaxy NGC 4258”, 05/01/98 - 04/30/00, \$21,028

TEACHING, MENTORING, AND OUTREACH

Mentoring

PHD STUDENTS

- Currently supervising PhD student Matthew Steele.
- Supervised the PhD theses of Chris Waters (MSU, 2007) and Katherine Rhode (Yale, 2003). Former PhD student Rhode started as an assistant professor at Indiana University this fall.
- External Reader for Harvard PhD thesis of Pauline Barmby, 2001

MASTER'S STUDENTS

- Supervised the Master's level theses of Q.C. Zhang, J.H. Woo, and Katherine Rhode at Yale and Matthew Steele and Chris Waters at MSU.

UNDERGRADUATES

- Currently supervising MSU undergraduate senior theses of Bill Martinez (2007-2008) and Julian von Eye (2007-2008).
- Previously supervised senior theses of Ryan Thomas (2006-2007), Nathan Krzyaniak (2005-2006) Elizabeth Blanchfield (2005), Stephanie Simpson (2004-2005), Matthew Inger (2003-2004), Josh Hubbell (2003), Andrew Hungerford (2001-2002), and Mary-Katherine McGovern (1999-2000).
- Supervised MSU REU students Andrew Esselman 2006, Nikolette Lustic 2004, and Jessica Uscinski 2002

HIGH SCHOOL STUDENTS

- Supervised Kelly Kilts in the summer 2002 High School Honors Science Program.

RESEARCH ASSOCIATES

- Currently supervising Drs. Arunav Kundu, Stephen Shih, and Chris Waters. Previously supervised Drs. Gilles Bergond, Maren Hempel, Toru Tsuribe, and Enrico Vesperini.

Recent Public Outreach and Popular Publications

- Public talk at Abrams Planetarium, March 2008.
- MSU Society for Physics Students Pizza Dinner Speaker, February 2008
- Presentation to Okemos High School students, December 2007
- Public talk at Abrams Planetarium, February 2007.
- Extensive press coverage of our Nature paper published in Jan 2007.
- Public talk at Kalamazoo Math and Science Center, May 2006.
- Public talk at Abrams Planetarium, February 2006.
- Radio interview on Voice of America, April 25, 2005.
- Public talk at Abrams Planetarium, February 2005.
- Public Talk in the Cosmic Horizons Series at Abrams Planetarium, January 2004.

TEACHING, MENTORING, AND OUTREACH, cont.

- Article written by invitation for *Scientific American*, published in October 2003 issue.
- Presentation on SOAR Telescope to Okemos High School Class, November 2003.
- Quoted in Sciencenow commenting on a recent ApJL paper, Jan. 15, 2003.
- Research work highlighted in two news articles in Science, January 3, 2003, vol. 299.
- CNN, Reuters, and others from a Nature paper on the Brightness of Cepheid Variables and the Rate of Expansion of the Universe, Sept. 21, 1999.
- New York Times National Edition and others, Stellar Populations and Dark Matter in the Halos of Spiral Galaxies, Jan. 7, 1999

Teaching

COURSES TAUGHT AT MICHIGAN STATE UNIVERISTY:

- Spring 2008 - AST 912 (Observationa Techniques), 8 students
- Fall 2007 - ISP 205 (Visions of the Universe), 250 students
- Spring 2007 - AST 208 (Observational and Planetary Astronomy), 31 students
- Fall 2006 - AST 825 (Galactic Astronomy), 10 students
- Spring 2006 - ISP 205 (Visions of the Universe), 250 students
- Fall 2005 - ISP 205 (Visions of the Universe), 250 students
- Fall 2004 - AST 825 (Galactic Astronomy), 9 students
- Fall 2003 - ISP 205 (Visions of the Universe), 250 students
 - AST 307 (The Milky Way), 24 students
- Spring 2003 - ISP 205 (Visions of the Universe), 250 students
- Fall 2002 - AST 830 (Galaxies and Cosmology), 17 students
- Spring 2002 - ISP 205 (Visions of the Universe), 250 students

COURSES TAUGHT AT YALE UNIVERISTY:

- Spring 2001 - ASTR 430 (Galaxies), ASTR 706 (Research Seminar on Galaxy Formation and Evolution)
- Fall 2000 - ASTR 220 (Intro. to Galaxy and Cosmology), ASTR 710 (Departmental Seminar)
- Spring 2000 - ASTR 710 (Departmental Seminar)
- Fall 1999 - ASTR 430 (Galaxies)
- Spring 1999 - ASTR 500 (Cosmology)
- Fall 1998 - ASTR 220 (Intro. to Galaxy and Cosmology)
- Spring 1998 - ASTR 430 (Galaxies)

SERVICE

University

- Co-director MSU REF Center “Center for the Study of Cosmic Evolution,” 2004 - present
- Coordinator for Astronomy and Astrophysics PhD, including P&A Grad Program and Recruitment Committees, 2004 - present
- Promotion and Tenure Review Committees, 2007-2008, 2006-2007, 2005-2006, 2003-2004
- SOAR Scientific Advisory Committee, 2003 - present
- Adhoc Physics & Astronomy Space Allocation Committee, 2004 - present
- On MSU Thesis Committees of Matt Steele (chair), Neelam Dhanda, Nathan De Lee, and Yong-Sun Lee, Previously served on PhD thesis committees of Chris Waters (chair), Brian Marsteller, and Murari Regmi
- Salary Review Committee (SRC), 2005 - 2007
- Adcom, AST alternate, 2004 - 2005
- Adhoc Graduate Program Review Committee, 2004
- Adcom (Advisory Committee to the Chair), 2002 - 2004
 - vice-chair, 2003 - 2004
- Faculty Search Committees, HEP experimental 2001-2002, AST 2001-2002, HEP theory 2003, AST/NUC 2002-2003
- Undergraduate Program Committee, 2002 - 2003
- Computer Operations Committee - MSU, 2001 - 2002
- Astronomy Seminar Series Chair - MSU, 2001 - 2003
- Director of Graduate Studies, Yale Astronomy Department, 1999 - 2001. In this position I directed all aspects of the graduate program - from student recruitment through annual reviews of students’ progress towards a PhD.
- Scientific and Local Organizing Committees, Yale Workshop on Galaxy Halos, 2001
- Chair, Yale Astronomy Colloquia, 1997 - 1999
- Organized weekly Berkeley cosmology seminars, 1994 - 1997.
- Organized UC Berkeley/CfPA miniworkshop on Galaxy Evolution, June 1994.

SERVICE

National

- Co-Chair, Kavli Institute Program on the Formation and Evolution of Globular Clusters, to be held Jan-Apr 2009
- Hubble Space Telescope Cycle 16 Proposal Review, March 2007
- Chair, Organizing Committee for Special Session “Extragalactic LMXBs” at AAS meeting, January 2007
- Reviewer for Killam Foundation (Canada), Fall 2006
- Reviewer for CONICYT (Chilean NSF), Fall 2006
- NSF panelist CAREER proposal review, October 2005
- Scientific Organizing Committee, CfA Workshop on Galaxies Viewed with Chandra, July 2004
- Chandra Cycle 6 Peer Review, June 2004
- Invited Participant, NOAO “Building the System Workshop,” May 2004
- Hubble Space Cycle 12 Telescope Allocation Committee, March 2003
- Co-Chair, Scientific Organizing Committee, Santa Barbara ITP workshop, January 2003
- Scientific Organizing Committee, ESO Workshop on Globular Cluster Systems, Sept. 2002
- Hubble Space Cycle 11 Telescope Time Allocation Committee, 2001
- NOAO Telescope Allocation Committee, 2000 - 2002
- NASA LTSA/ADP Review Panel, 2001
- Invited Contributor to the National O/IR Ground-based System Workshop, 2000
- Working Group for National 8.4m Wide-Field Telescope, 1999
- Panelist, HST AR proposal review, 1998
- Co-Chair, WIYN Instrumentation Meeting, 1998
- Panelist, NASA Astrophysics Theory Program proposal review, 1997
- Regular referee for The Astrophysical Journal, The Astronomical Journal, The Astrophysical Journal Letters, Nature, Science, and The Monthly Notices of the RAS.

INVITED TALKS, COLLOQUIA, and SEMINARS

March 2008, Ohio-Region American Physical Society Meeting, Youngstown, OH, plenary talk

January 2008, “Surveys and Simulations of Large-Scale Structure,” Lawrence Berkeley Laboratory, invited talk

September 2007, Dynamical Evolution of Dense Stellar Systems, IAU Symposium 246, Capri, Italy, invited talk

August 2007, The Globular Clusters - Dwarf Galaxies Connection, University of Michigan, invited talk

May 2007, Northwestern University, seminar

January 2007, Chair, Special Session, 209th AAS meeting.

March 2006, Space Telescope Science Institute, colloquium

March 2006, “Globular Clusters: Guides to Galaxies”, Concepcion Chile, invited talk

November 2005, Durham University, colloquium

November 2005, Oxford University, seminar

November 2005, University of Southampton, seminar

August 2005, MODEST-6 meeting, Northwestern University

May 2005, KIPAC Stanford/SLAC, lunch talk

November 2004, Ohio University, seminar

October 2004, Columbia University, colloquium

July 2004, Galaxies Viewed with Chandra, daily review and summary

May 2004, LBL, Wide-Field Imaging from Space, contributed talk

March 2004, Wesleyan University, colloquium

February 2004, Penn State University, colloquium

November 2003, Michigan State University, colloquium

October 2003, University of Missouri, Kansas City, colloquium

July 2003, IAU General Assembly, JD 11, invited talk

May 2003, Great Lakes Cosmology Workshop, invited talk

January 2003, Session Chair, Santa Barbara ITP workshop

September 2002, Michigan State University, colloquium

August 2002, ESO Workshop on Extragalactic Cluster Systems, invited review

March 2002, Case Western University, colloquium

RECENT INVITED TALKS, cont.

November 2001, Ringberg Meeting on Elliptical Galaxies, invited talk
May 2001, Yale Workshop of Galaxy Halos, invited review talk
April 2001, University of Washington, seminar
March 2001, IAU Symposium 207, Pucon, Chile, invited review talk
February 2001, Michigan State University, seminar
January 2001, Aspen Winter Astrophysics Conference
August 2000, IPAC/SIRTF Science Center
May 2000, Harvard-Smithsonian Center for Astrophysics
January 2000, Boston University, colloquium
August 1999, Universidad de Chile, colloquium
May 1999, AAS Special Session, invited review
February 1999, SUNY Stony Brook, colloquium
January 1999, Aspen Winter Conference, invited talk
January 1999, AAS session chair
October 1998, Rutgers University, colloquium
September 1998, University of Wisconsin, colloquium
June 1998, Aspen Summer Workshop, invited talk
February 1998, University of Massachusetts, colloquium
January 1998, Aspen Winter Conference “Universal Star Formation”
October 1997, Columbia University, colloquium
September 1997, Yale University, colloquium
September 1997, Wesleyan University, colloquium
August 1997, IAU Symposium 187, “Galaxy Interactions”
invited review
March 1997, Indiana University, colloquium
February 1997, Space Telescope Science Institute, colloquium
January 1997, Aspen Winter Conference, “Observational Tests of Cosmological Parameters”
December 1996, IfA, University of Hawaii, colloquium
November 1996, University of California, Berkeley, colloquium
November 1996, IGPP, Lawrence Livermore Laboratory, colloquium

RECENT INVITED TALKS, cont.

October 1996, Yale University, colloquium
August 1996, Second Stromlo Symposium, “The Nature of Elliptical Galaxies”,
contributed talk
June 1996, Aspen Summer Astrophysics Workshop, “Galaxy Interactions at Low
contributed talk and High Z”, talks in workshop format
March 1996, Center for Particle Astrophysics, UCB, colloquium
March 1996, Berkeley-Strasbourg Workshop on “The Role of Baryons in Cosmology”,
session chair
February 1996, University of Pittsburgh, colloquium
November 1995, University of California, Santa Cruz, colloquium
September 1995, IoA, Cambridge University, colloquium
September 1995, SantAgata, Italy, Conference on “Interacting Galaxies”,
invited review
April 1995, University of California, Los Angeles, colloquium
March 1995, Mt. Stromlo Observatory, colloquium
February 1995, University of Virginia, colloquium
February 1995, Stanford University, colloquium
October 1994, IGPP, Lawrence Livermore Laboratory, seminar
July 1994, IoA/RGO Conference on “Wide Field Spectroscopy and the Distant Universe”,
contributed talk
June 1994, UC Berkeley/CfPA Miniworkshop on Galaxy Evolution, invited talk
April 1994, University of California, Santa Cruz, colloquium
March 1994, Cerro Tololo Inter-American Observatory, seminar
February 1994, University of California, Berkeley, colloquium
October 1993, La Palma Observatory, seminar
October 1993, University of Durham, colloquium
September 1993, Center for Particle Astrophysics, UCB, seminar
June 1993, Kapteyn Institute, University of Groningen, colloquium
May 1993, Institut d’Astrophysique, Paris, colloquium
May 1993, Observatoire de Meudon, colloquium

PUBLICATIONS

Books

Ashman, K.M., and Zepf, S.E. “Globular Cluster Systems,” 1998, Cambridge University Press.

Refereed Articles

1. Zepf, S.E., and Koo, D.C. “Close Pairs of Galaxies in Deep Sky Surveys,” 1989, ApJ, 337, 34.
2. Zepf, S.E., Whitmore, B.C., and Levison, H.F. “Optical Colors of Early-Type Galaxies in Compact Groups,” 1991, ApJ, 383, 524.
3. Zepf, S.E., and Whitmore, B.C. “Modelling the Evolution of Galaxies in Compact Groups,” 1991, ApJ, 383, 542.
4. Ashman, K.M., and Zepf, S.E. “The Formation of Globular Clusters in Merging and Interacting Galaxies,” 1992, ApJ, 384, 50.
5. Zepf, S.E. “The Frequency of Mergers in Compact Groups,” 1993, ApJ, 407, 448.
6. Zepf, S.E., and Whitmore, B.C. “The Structure and Dynamics of Elliptical Galaxies in Compact Groups,” 1993, ApJ, 418, 72.
7. Zepf, S.E., and Ashman, K.M. “Globular Cluster Systems Formed in Galaxy Mergers,” 1993, MNRAS, 264, 611.
8. Ribeiro, A.L., de Carvalho, R.R., and Zepf, S.E. “The Luminosity Function of Galaxies in Compact Groups,” 1994, MNRAS, 267, L13.
9. Cole, S., Aragón-Salamanca, A., Frenk, C.S., Navarro, J.F., and Zepf, S.E. “A Recipe for Galaxy Formation,” 1994, MNRAS, 271, 781
10. de Carvalho, R.R., Ribeiro, A.L., and Zepf, S.E. “Structural Properties of Compact Groups,” 1994, ApJS, 93, 47.
11. Ashman, K.M., Bird, C.M., and Zepf, S.E. “Detecting Bimodality in Astronomical Datasets,” 1994, AJ, 108, 2348.
12. Zepf, S.E., Geisler, D., and Ashman, K.M. “The Richness of Globular Cluster System of NGC 3923: Clues to Elliptical Galaxy Formation,” 1994, ApJL, 435, L117.
13. Ashman, K.M., Conti, A., & Zepf, S.E. “Globular Cluster Systems as Distance Indicators: Metallicity Effects on the Luminosity Function,” 1995, AJ, 110, 1164
14. Zepf, S.E., Carter, D., Sharples, R.M., & Ashman, K.M., “Spectroscopy of Young Globular Clusters in NGC 1275,” 1995, ApJL, 445, L19.

PUBLICATIONS (p. 2)

15. Zepf, S.E., Ashman, K.M., and Geisler, D. “Constraints on the Formation History of the Elliptical Galaxy NGC 3923 from the Colors of Its Globular Clusters,” 1995, *ApJ*, 443, 570.
16. Ribeiro, A.L.B., de Carvalho, R.R., Coziol, R., Capelato, H.V., & Zepf, S.E. “HCG 16: A High Concentration of Active Galaxies in the Nearby Universe,” 1996, *ApJL*, 463, L5.
17. Zepf, S.E., & Silk, J. “On the Effects of Bursts of Massive Star Formation During the Evolution of Elliptical Galaxies,” 1996, *ApJ*, 466, 114.
18. Bridges, T.J., Ashman, K.M., Zepf, S.E., Carter, D.C., Hanes, D.A., Sharples, R.M., & Kavelaars, J.J. “Kinematics and Metallicities of Globular Clusters in M104,” 1997, *MNRAS*, 284, 376.
19. Zepf, S.E., de Carvalho, R.R., & Ribeiro, A.L.B. “The Faint End of the Luminosity Function of Galaxies in Hickson Groups,” 1997, *ApJL*, 488, L11.
20. Zepf, S.E., Moustakas, L.A., & Davis, M. “Keck Spectroscopy of Objects with Lens-like Morphologies in the Hubble Deep Field,” 1997, *ApJL*, 474, L1.
21. de Carvalho, R.R., Ribeiro, A.L.B., Capelato, H.V., & Zepf, S.E. “A Redshift Survey of Faint Galaxies around a Selected Sample of Compact Groups,” 1997, *ApJS*, 110, 1.
22. Zepf, S.E. “The Absence of Passively Evolving Ellipticals in Deep Optical and Near-Infrared Surveys,” 1997, *Nature*, 390, 377.
23. Ribeiro, A.L.B., de Carvalho, R.R., Capelato, H.V., & Zepf, S.E. “Structural and Dynamical Analysis of the Hickson Compact Groups,” 1998, *ApJ*, 497, 72.
24. Sharples, R.M., Zepf, S.E., Bridges, T.J., Hanes, D.A., Carter, D., Ashman, K.M., Geisler, D. “Spectroscopy of Globular Clusters in NGC 4472,” 1998, *AJ*, 115, 2337.
25. Kundu, A., Whitmore, B.C., Sparks, W.B., Macchetto, D., Zepf, S.E., & Ashman, K.M. “The Globular Cluster System in the Inner Region of M87,” 1999, *ApJ*, 513, 733.
26. Mobasher, B., Guzman, R., Aragon-Salamanca, A., & Zepf, S.E. “Near-Infrared Fundamental Plane of Elliptical Galaxies,” 1999, *MNRAS*, 304, 225.
27. Kissler-Patig, M., Ashman, K.M., Zepf, S.E., & Freeman, K.C. “HST Imaging of Globular Clusters in the Edge-on Spiral Galaxies NGC 4565 and NGC 5907,” 1999, *AJ*, 118, 197.

PUBLICATIONS (p. 3)

28. Zepf, S.E., Ashman, K.M., English, J., Freeman, K.C., & Sharples, R.M. “HST Imaging of Candidate Young Globular Clusters in the Galaxy Merger NGC 3256,” 1999, *AJ*, 118, 752.
29. 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,” 1999, *Nature*, 401, 351
30. Newman, J., 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 the Centaurus Cluster,” 1999, *ApJ*, 523, 506.
31. Zepf, S.E., Liu, M.C., Marleau, F.R., Sackett, P.D., & Graham, J.R. “The Stellar Content of the Halo of NGC 5907 from Deep HST NICMOS Imaging,” 2000, *AJ*, 119, 1701
32. Beasley, M.A., Sharples, R.M., Bridges, T.J., Hanes, D.A., Zepf, S.E., Ashman, K.M., & Geisler, D. “Ages and Metallicities of Globular Clusters in NGC 4472,” 2000, *MNRAS*, 318, 1249
33. Zepf, S.E., Beasley, M.A., Bridges, T.J., Hanes, D.A., Sharples, R.M., Ashman, K.M., & Geisler, D. “Dynamical Constraints on the Formation of NGC 4472 and Its Globular Clusters,” 2000, *AJ*, 120, 2928
34. 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,” 2001, *ApJ*, 553, 562
35. Rhode, K.L., & Zepf, S.E. “The Globular Cluster System in the Outer Regions of NGC 4472,” 2001, *AJ*, 121, 210
36. de la Rosa, I.G., de Carvalho, R.R., Coziol, R., & Zepf, S.E. “The Fundamental Plane of Elliptical Galaxies in Compact Groups,” 2001, *AJ*, 122, 93
37. Ashman, K.M., & Zepf, S.E. “Globular Cluster Formation,” 2001, *AJ*, 122, 1888
38. Kundu, A., Maccarone, T., & Zepf, S.E. “The Low-Mass X-ray Binary-Globular Cluster Connection in NGC 4472,” 2002, *ApJL*, 574, L5
39. Puzia, T.H., Zepf, S.E., Kissler-Patig, M., Hilker, M., Minniti, D., & Goudfrooij, P. “Extragalactic Globular Clusters in the Near-infrared. II. The Globular Cluster Systems of NGC 3115 and NGC 4365,” 2002, *A&A*, 391, 453
40. Castander, F.J, Treister, E., Maccarone, T., Coppi, P., Maza, J., Zepf, S., & Guzman, R. “High-Redshift X-Ray Selected Quasars: CXOCY J125304.0-090737 Joins the Club,” 2003, *AJ*, 125, 1689

PUBLICATIONS (p. 4)

41. Maccarone, T., Kundu, A., & Zepf, S.E. “The Low-Mass X-ray Binary-Globular Cluster Connection II. NGC 4472 X-Ray Source Properties and Source Catalogs,” 2003, ApJ, 586, 814
42. Vesperini, E., Zepf, S.E., Kundu, A., & Ashman, K.M. “Modeling the Dynamical Evolution of the M87 Globular Cluster System,” 2003, ApJ, 593, 760
43. Kundu, A., Maccarone, T., Zepf, S.E., & Puzia, T.H. “Some Constraints on the Effects of Age and Metallicity on the LMXB Formation Rate,” 2003, ApJL, 589, L81
44. Rhode, K.L., & Zepf, S.E. “The Globular Cluster System of the Spiral Galaxy NGC 7814,” 2003, AJ, 126, 2307
45. Vesperini, E., Zepf, S.E. “Effects of the Dissolution of Low-Concentration Globular Clusters on the Evolution of Globular Cluster Systems,” 2003, ApJL, 587, L97
46. Rhode, K.L., & Zepf, S.E. “The Globular Cluster Systems of the Early-type Galaxies NGC 3379, NGC 4406, and NGC 4594 and Implications for Galaxy Formation,” 2004, AJ, 127, 302
47. Baltz, E.A., Lauer, T.R., Zurek, D.R., Gondolo, P., Shara, M.M., Silk, J. & Zepf, S.E. “Microlensing Candidates in M87 and the Virgo Clusters with the Hubble Space Telescope,” 2004, ApJ, 610, 691
48. Maccarone, T., Kundu, A., & Zepf, S.E. “An Explanation for Metallicity Effects on X-ray Binary Properties,” 2004, ApJ, 606, 430
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