Daniel H. McIntosh: Curriculum Vitae

Department of Astronomy
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Education

Ph.D. 2001 in Astronomy, The University of Arizona.
Thesis: *A Search for Young Lenticular Galaxies in Nearby Rich Clusters*
Advisor: Dr. Hans-Walter Rix, Max-Planck-Institut für Astronomie
B.Sc. 1994 in Astrophysics (magna cum laude), University of California, at Los Angeles.

Positions and Appointments

2006 – present Graduate Faculty (category T - permission to teach), University of Massachusetts
2003 – present Senior Postdoctoral Research Associate, University of Massachusetts
2001 – 2003 Postdoctoral Fellow, University of Massachusetts
1996 – 2001 R.A., The University of Arizona
1994 – 1996 T.A. (Astronomy Lab Instructor), The University of Arizona

Awards and Scholarships

Jamieson Astronomy Graduate Fellowship, The University of Arizona, 1999 – 2000
ARCS Foundation Fellowships, The University of Arizona, 1997 – 2000
Departmental Highest Honors, UCLA commencement, 1994

Research Interests

Bimodal Galaxy Evolution	*morphological transformation; star-formation histories*
Galaxy-Galaxy Mergers	*rates; progenitors; environmental dependence; interaction dynamics*
Massive Galaxies	*formation; mass-assembly histories; number density evolution*
Cosmological Environments	*galaxy clusters; dark-matter halo occupation; large-scale structure*
Structure of Galaxies	*sizes; morphologies; galactic bars; quantitative image analysis*
Active Galactic Nuclei	*feedback & star-formation quenching; high-redshift quasars*
Extragalactic Surveys	*facilitating new insights to all of the above*

Publication Summary

37 refereed papers, 1531 total citations
3, 7, 20, 26 papers with 100+, 50+, 25+, 10+ citations
Hirsch index $h = 21$ (i.e., 21 papers with ≥ 21 citations)
17 refereed papers for which I played a key role (1^{st}, 2^{nd}, 3^{rd} author), 641 total citations
3 submitted papers
12 conference proceedings, 10 total citations
2 press releases

Teaching Experience Summary

2006-2007 Independent Studies with undergraduates/graduates (UMass)
2004-2007 Guest lectures in undergraduate/graduate courses (UMass)
1994-1996 Introductory astronomy laboratory instruction (Arizona)

Student Research Supervision

Yicheng Guo (05/2005 - present), 3rd year UMass graduate, yicheng@astro.umass.edu
Structure of Central and Satellite Galaxies in Massive Halos from the SDSS
Galaxy Detection and Bulge/Disk Decomposition for the HST STAGES Survey
Jim Ferguson (03/2006 - 05/2007), UMass undergraduate, fergiestix1@yahoo.com
Honor's Thesis: *Morphological Nature of Luminous Galaxies in the Local Universe*
Jen Hertzberg (03/2006 - 10/2006), UMass undergraduate, JHertzbe@sunysb.edu
Ongoing Assembly of Massive Galaxies by Major Merging in Large Groups and Clusters from the SDSS

Grants

1. 2005 - 2006: NASA HST GO Cycle 13 (Co-I)
   Environmental Drivers of Galaxy Evolution: An HST Survey of Dwarf Galaxy Morphologies in the Abell 901/902 Supercluster – PI: Meghan Gray
   USI Budget HST-GO-10395.08 (PI: McIntosh), $53,800
2. 2003 - present: NASA Long-Term Space Astrophysics (Science PI)
   The Structure of Local Galaxies with 2MASS – PI: Neal Katz (Science PI: McIntosh)
   LTSA Grant NAG5-13102, $616,139
3. 2002 - 2004: NASA HST GO Cycle 11 (Co-I)
   The Evolution of Galaxy Structure from 10,000 Galaxies with $0.1 < z < 1.2$ – PI: Hans-Walter Rix
   USI Budget HST-GO-09500.06 (PI: McIntosh), $12,408

Observing Experience (92 nights)
(Numbers in parentheses refer to number of nights observing.)

MMT 6.5-meter, F-Spec near-IR spectrograph: 2000 (4)
MMT 4.5-meter, F-Spec near-IR spectrograph: 1995 (5), 1996 (7)
WIYN 3.5-meter, HYDRA multi-fiber optical spectrograph: 2000 (1), 2001 (3)
Steward (Bok) 2.3-meter, MX multi-fiber optical spectrograph: 2000 (6), 2001 (9)
Steward (Bok) 2.3-meter, B&C optical spectrograph: 2000 (4)
VATT 1.8-meter, SSCCD optical imager: 1996 (5), 1997 (9), 1998 (10)
Steward 1.5-meter, optical CCD imager: 1997 (1)
FLWO 1.2-meter, 4-Shooter wide-field optical imager: 1998 (13), 1999 (2)
FLWO 1.2-meter, AndyCam optical imager: 1997 (2)
KPNO 0.9-meter, MOSAIC wide-field optical imager: 1997 (4), 1998 (4), 2000 (3)

Service to the Community

2007 National Optical Astronomy Observatories Survey Time Allocation Committee
2007 Review elementary astronomy videos for Visual Learning Company
2006 Referee for Astrophysical Journal
2005 Referee for Astronomical Journal

Department Service

2006 PhD Candidacy Committee (University of Massachusetts)
2004 Organization of Extragalactic Lunch (University of Massachusetts)
2003 Organization of Extragalactic Lunch (University of Massachusetts)
2000 Graduate Admissions Committee (The University of Arizona)

Professional Scientific Presentations since 2004

(⋆ = Department colloquium/seminar.)

1. ⋆ *Massive Galaxy Mergers in the Present-day Universe*
   MPIA Visitor Seminar, Heidelberg, Germany – Nov. 8, 2007
2. *Exploring Galaxy Evolution with Modern Surveys*
   Ball State University Physics & Astronomy (**faculty interview**), Muncie, IN – Apr. 27, 2007
3. *Surveying Cosmic History: Interesting Problems and Future Plans*
   University of Pittsburgh Astrophysics Lunch (**faculty interview**), Pittsburgh, PA – Jan. 5, 2007
4. ⋆ *Building Giant Galaxies: When, Where, and How?*
   University of Pittsburgh Department Colloquium (**faculty interview**), Pittsburgh, PA – Jan. 4, 2007
5. *Building Giant Galaxies: When, Where, and How?*
   Harvard-Smithsonian CfA OIR Lunch Talk, Cambridge, MA – Oct. 26, 2006
6. *The Environments of Massive Galaxy Mergers in the Local Universe*
   Galaxy Mergers Workshop (STScI conference), Baltimore, MD – Oct. 5, 2006
7. ⋆ *Building Giant Galaxies: When, Where, and How?*
   UC Irvine Astrophysics Seminar, Irvine, CA – Sept. 26, 2006
8. *Building Giant Galaxies: When, Where, and How?*
   Caltech Astronomy Tea, Pasadena, CA – Sept. 25, 2006
9. *Evolution of Massive Galaxies: Understanding the Redistribution of Stellar Wealth*
   MPIA Galaxy Coffee, Heidelberg, Germany – Aug. 3, 2006
10. *Massive Galaxies in the Cosmic Web: Clues to the Mass Assembly Histories of Present-day Giants*
    Galaxies in the Cosmic Web (conference), Las Cruces, NM – May 16, 2006
11. *A Tale of Two Sequences*
    UMass Extragalactic Lunch, Amherst, MA – Mar. 1, 2006
12. ⋆ *Evolution of Spheroid-dominated Galaxies Over the Last Half of Cosmic History*
    Five College Astronomy Colloquium, Amherst, MA – Feb. 10, 2005
13. ⋆ *Evolution of Spheroid Galaxies Over the Last Half of Cosmic History*
    Case Western Astronomy Colloquium (**faculty interview**), Cleveland, OH – Feb. 4, 2005
14. *Red Early-type Galaxies in GEMS: Fixed-size Evolution of Luminosity and Stellar Mass Since z=1*
    Massive Galaxies Over Cosmic Time (STScI conference), Baltimore, MD – Sept. 27, 2004
15. *Evolution of Early-type Galaxies Since z=1 with GEMS*
    Carnegie Observatory Lunch, Pasadena, CA – Apr. 23, 2004
16. *Evolution of Early-type Galaxies Since z=1 with GEMS*
    UCLA Astrophysics Lunch, Los Angeles, CA – Apr. 20, 2004
17. *Early-type Galaxy Evolution with GEMS*
    NOAO Friday Science Lunch, Tucson, AZ – Apr. 16, 2004
18. *Mining for Cosmic Treasures with GEMS*
    Queen's University Astrophysics Lunch, Kingston, Ontario – Feb. 13, 2004
19. *Mining for Cosmic Treasures with GEMS*
    UMass Astronomy Lunch, Amherst, MA – Feb. 10, 2004

Refereed Publications

(Numbers in parentheses refer to number of citations.)

- Citation analysis (November 2007): 37 refereed papers, 1531 total refereed citations; 3 papers with 100+ citations, 7 papers with 50+, 20 papers with 25+, 26 papers with 10+; Hirsch index $h = 21$ (i.e., 21 papers with ≥ 21 citations).

1. Caldwell J. A. R., **McIntosh D. H.**, Rix H.-W., Barden M., Beckwith S. V. W., Bell E. F., Borch A., Heymans C., Häußler B., Jahnke K., Jogee S., Meisenheimer K., Peng C. Y., Sánchez S. F., Somerville R. S., Wisotzki L., & Wolf C., ApJS accepted, astro-ph/0510782
   GEMS Survey Data and Catalog (7)
2. Courteau S., Dutton, A. A., van den Bosch, F. C., MacArthur L. A., Dekel A., **McIntosh D. H.**, & Dale D., ApJ accepted, astro-ph/0708.0422
   Scaling Relations of Spiral Galaxies (0)
3. Somerville R. S., Barden M., Rix H.-W., Bell E. F., Borch A., Beckwith S. V. W., Caldwell J. A. R., Häußler B., Heymans C., Jahnke K., Jogee S., **McIntosh D. H.**, Meisenheimer K., Peng C. Y., Sánchez S. F., Wisotzki L., & Wolf C., ApJ, accepted, astro-ph/0612428
   An Explanation for the Observed Weak Size Evolution of Disk Galaxies (5)
4. Häußler B., **McIntosh D. H.**, Barden M., Bell E. F., Rix H.-W., Borch A., Beckwith S. V. W., Caldwell J. A. R., Heymans C., Jahnke K., Jogee S., Koposov S. E., Meisenheimer K., Sánchez S. F., Somerville R. S., Wisotzki L., & Wolf C., 2007, ApJS, 172, 615
   GEMS: Galaxy Fitting Catalogues and Testing Parametric Galaxy Fitting Codes: GALFIT, GIM2D (2)
5. Lehmer B. D., Brandt W. N., Alexander D. M., Bell E. F., **McIntosh D. H.**, Bauer F. E., Hasinger G., Mainieri V., Miyaji T., Schneider D. P., & Steffen A. T., ApJ, 657, 681
   The X-ray Evolution of Early-type Galaxies Found in the Extended Chandra Deep Field-South (3)
6. Shields J. C., Rix H.-W., Sarzi M., Barth A. J., Filippenko A. V., Ho L. C., **McIntosh D. H.**, Rudnick G., & Sargent W. L. W., 2007, ApJ, 654, 125
   The Survey of Nearby Nuclei with STIS (SUNNS): Emission-Line Nuclei at Hubble Space Telescope Resolution (3)
7. **McIntosh D. H.**, Bell E. F., Weinberg M. D., & Katz N., 2006, MNRAS, 373, 1321
   Nature and Completeness of Galaxies Detected in the Two Micron All Sky Survey (1)
8. Trujillo I., Förster Schreiber N. M., Rudnick G., Barden M., Franx M., Rix H.-W., Caldwell J. A. R., **McIntosh D. H.**, Toft S., Häußler B., Zirm A., van Dokkum P. G., Labbé I., Moorwood A., Röttgering H., van der Wel A., van der Werf P., & van Starkenburg L., 2006, ApJ, 650, 18
   The Size Evolution of Galaxies Since $z \sim 3$: Combining SDSS, GEMS, and FIRES (42)
9. Heymans C., Bell E. F., Rix H.-W., Barden M., Borch A., Caldwell J. A. R., **McIntosh D. H.**, Meisenheimer K., Peng C. Y., Wolf C., Beckwith S. V. W., Häußler B., Jahnke K., Jogee S., Sánchez S. F., Somerville R. S., & Wisotzki L., 2006, MNRAS, 371, L60
   A weak lensing estimate from GEMS of the virial to stellar mass ratio in massive galaxies to $z \sim 0.8$ (13)
10. Barazza F. D., Jogee S., Rix H.-W., Barden M., Bell E. F., Caldwell J. A. R., **McIntosh D. H.**, Meisenheimer K., Peng C. Y., & Wolf C., 2006, ApJ, 643, 162
    Color, Structure, and Star Formation History of Dwarf Galaxies over the last 3 Gyr with GEMS and SDSS (2)

11. Bell E. F., Naab T., **McIntosh D. H.**, Somerville R. S., Caldwell J. A. R., Barden M., Wolf C., Rix H.-W., Beckwith S. V. W., Borch A., Häußler B., Heymans C., Jahnke K., Jogee S., Koposov S., Meisenheimer K., Peng C. Y., Sánchez S. F., & Wisotzki L., 2006, ApJ, 640, 241
Dry Mergers in GEMS: The Dynamic Evolution of Massive Early-type Galaxies (87)

12. Barden M., Rix H.-W., Somerville R. S., Bell E. F., Häußler B., Peng C. Y., Borch A., Beckwith S. V. W., Caldwell J. A. R., Heymans C., Jahnke K., Jogee S., **McIntosh D. H.**, Meisenheimer K., Sánchez S. F., Wisotzki L., & Wolf C., 2005, ApJ, 635, 959
GEMS: The Surface Brightness and Surface Mass Density Evolution of Disk Galaxies (34)

13. Heymans C., Brown M. L., Barden M., Caldwell J. A. R., Häußler B., Jahnke K., Rix H.-W., Beckwith S. V. W., Bell E. F., Borch A., Jogee S., **McIntosh D. H.**, Meisenheimer K., Peng C. Y., Sánchez S. F., Somerville R. S., Taylor A. N., Wisotzki L., & Wolf C., 2005, NewA Reviews, 49, 392
Cosmological Weak Lensing with the HST GEMS Survey (0)

14. **McIntosh D. H.**, Bell E. F., Rix H.-W., Wolf C., Heymans C., Peng C. Y., Somerville R. S., Barden M., Beckwith S. V. W., Borch A., Caldwell J. A. R., Häußler B., Jahnke K., Jogee S., Meisenheimer K., Sánchez S. F., & Wisotzki L., 2005, ApJ, 632, 191
The Evolution of Early-type Red Galaxies with the GEMS Survey: Luminosity–size and Stellar Mass–size Relations Since $z = 1$ (39)

15. Wolf C., Bell E. F., **McIntosh D. H.**, Rix H.-W., Barden M., Beckwith S. V. W., Borch A., Caldwell J. A. R., Häußler B., Heymans C., Jahnke K., Jogee S., Meisenheimer K., Peng C. Y., Sánchez S. F., Somerville R. S., & Wisotzki L., 2005, ApJ, 630, 771
GEMS: Which Galaxies Dominate the $z \sim 0.7$ *Ultraviolet Luminosity Density?* (27)

16. Heymans C., Brown M. L., Barden M., Caldwell J. A. R., Jahnke K., Peng C. Y., Rix H.-W., Taylor A., Beckwith S. V. W., Bell E. F., Borch A., Häußler B., Jogee S., **McIntosh D. H.**, Meisenheimer K., Sánchez S. F., Somerville R. S., Wisotzki L., & Wolf C., 2005, MNRAS, 361, 160
Cosmological Weak Lensing with the HST GEMS Survey (41)

17. Bell E. F., Papovich C., Wolf C., Le Floc'h E., Caldwell J. A. R., Barden M., Egami E., **McIntosh D. H.**, Meisenheimer K., Perez-Gonzalez P. G., Rieke G. H., Rieke M. J., Rigby J. R., & Rix H.-W., 2005, ApJ, 625, 23
Towards an Understanding of the Rapid Decline of the Cosmic Star Formation Rate (105)

18. **McIntosh D. H.**, Zabludoff A. I., Rix H.-W., & Caldwell N., 2005, ApJ, 619, 193
Testing the Universality of the $(U - V)$ *Color-Magnitude Relations for Nearby Clusters of Galaxies* (16)

19. Maller A. H., **McIntosh D. H.**, Katz N., & Weinberg M. D., 2005, ApJ, 619, 147
The Galaxy Angular Correlation Functions and Power Spectrum from the Two Micron All Sky Survey (31)

20. Jogee S., Barazza F. D., Rix H.-W., Shlosman I., Barden M., Wolf C., Davies J., Heyer I., Beckwith S. V. W., Bell E. F., Borch A., Caldwell J. A. R., Conselice C. J., Dahlen T., Häußler B., Heymans C., Jahnke K., Knapen J. H., Laine S., Lubell G. M., Mobasher B., **McIntosh D. H.**, Meisenheimer K., Peng C. Y., Ravindranath S., Sánchez S. F., Somerville R. S., & Wisotzki L., 2004, ApJL, 615, L105
Bar Evolution over the Last 8 Billion Years: A Constant Fraction of Strong Bars in the GEMS Survey (47)

21. Sánchez S. F., Jahnke K., Wisotzki L., **McIntosh D. H.**, Bell E. F., Barden M., Beckwith S. V. W., Borch A., Caldwell J. A. R., Häußler B., Jogee S., Meisenheimer K., Peng C. Y., Rix H.-W., Somerville R. S., & Wolf C., 2004, ApJ, 614, 586
Colors of Active Galactic Nucleus Host Galaxies at $0.5 < z < 1.1$ *from the GEMS Survey* (46)

22. Jahnke K., Sánchez S. F., Wisotzki L., Barden M., Beckwith S. V. W., Bell E. F., Borch A., Caldwell J. A. R., Häußler B., Heymans C., Jogee S., **McIntosh D. H.**, Meisenheimer K., Peng C. Y., Rix H.-W., Somerville R. S., & Wolf C., 2004, ApJ, 614, 568
Ultraviolet Light from Young Stars in GEMS Quasar Host Galaxies at $1.8 < z < 2.75$ (20)

23. Christlein D., **McIntosh D. H.**, & Zabludoff A. I., 2004, ApJ, 611, 795
The U*-band Galaxy Luminosity Function of Nearby Clusters* (4)

24. **McIntosh D. H.**, Impey C. D., & Petry C. E., 2004, AJ, 128, 544
Quasars as Absorption Probes of the J0053+1234 Region (1)

25. **McIntosh D. H.**, Rix H.-W., & Caldwell N., 2004, ApJ, 610, 161
Structural Evidence for Environment-Driven Transformation of the Blue Galaxies in Local Abell Clusters: A85, A496, and A754 (12)

26. Rix H.-W., Barden M., Beckwith S. V. W., Bell E. F., Borch A., Caldwell J. A. R., Häußler B., Jahnke K., Jogee S., **McIntosh D. H.**, Meisenheimer K., Peng C. Y., Sánchez S. F., Somerville R. S., Wisotzki L., & Wolf C., 2004, ApJS, 152, 163
GEMS: Galaxy Evolution from Morphologies and SEDs (93)

27. Bell E. F., Wolf C., Meisenheimer K., Rix H.-W., Borch A., Dye S., Kleinheinrich M., & **McIntosh D. H.**, 2004, ApJ, 608, 752
Nearly 5000 Distant Early-type Galaxies in COMBO-17: A Red Sequence and its Evolution Since $z \sim 1$ (256)

28. Bell E. F., **McIntosh D. H.**, Barden M., Wolf C., Caldwell J. A. R., Rix H.-W., Beckwith S. V. W., Borch A., Häußler B., Jahnke K., Jogee S., Meisenheimer K., Peng C. Y., Sánchez S. F., Somerville R. S., & Wisotzki L., 2004, ApJL, 600, L11
GEMS Imaging of Red-Sequence Galaxies at $z \sim 0.7$*: Dusty or Old?* (42)

29. Bell E. F., **McIntosh D. H.**, Katz N., & Weinberg M. D., 2003, ApJS, 149, 289
The Optical and Near-Infrared Properties of Galaxies: I. Luminosity and Stellar Mass Functions (239)

30. Maller A. H., **McIntosh D. H.**, Katz N., & Weinberg M. D., 2003, ApJL, 598, L1
The Clustering Dipole of the Local Universe from the Two Micron All Sky Survey (17)

31. Bell E. F., **McIntosh D. H.**, Katz N., & Weinberg M. D., 2003, ApJL, 585, L117
A First Estimate of the Baryonic Mass Function of Galaxies (36)

32. Sarzi M., Rix H.-W., Shields J. C., **McIntosh D. H.**, Ho L. C., Rudnick G., Filippenko A. V., Sargent W. L. W., & Barth A. J., 2002, ApJ, 567, 237
Limits on the Mass of the Central Black Hole in 16 Nearby Bulges (21)

33. Sarzi M., Rix H.-W., Shields J. C., Rudnick G., Ho L. C., **McIntosh D. H.**, Filippenko A. V., & Sargent W. L. W., 2001, ApJ, 550, 65
Supermassive Black Holes in Bulges (56)

34. Ho L. C., Rudnick G., Rix H.-W., Shields J. C., **McIntosh D. H.**, Filippenko A. V., Sargent W. L. W., & Eracleous M., 2000, ApJ, 541, 120
Double-Peaked Broad Emission Lines in NGC 4450 and Other LINERs (59)

35. Shields J. C., Rix H.-W., **McIntosh D. H.**, Ho L. C., Rudnick G., Filippenko A. V., Sargent W. L. W., & Sarzi M., 2000, ApJL, 534, L27
Evidence for a Black Hole and Accretion Disk in the LINER NGC 4203 (49)
36. **McIntosh D. H.**, Rix H.-W., Rieke M. J., & Foltz C. B., 1999, ApJL, 517, L73
Redshifted and Blueshifted Broad Lines in Luminous Quasars (37)
37. **McIntosh D. H.**, Rix H.-W., Rieke M. J., Foltz C. B., & Weymann R. J., 1999, ApJ, 514, 40
A Statistical Study of Rest-frame Optical Emission Properties in Luminous Quasars at $2.0 \leq z \leq 2.5$ (39)

Submitted Papers

1. **McIntosh D. H.**, Guo Y., Hertzberg J., Katz N., Mo H. J., van den Bosch F. C., & Yang X., MNRAS, submitted, astro-ph/0710.2157
   Ongoing Assembly of Massive Galaxies by Major Merging in Large Groups and Clusters from the SDSS
2. van den Bosch F. C., Aquino D., Yang X., Mo H. J., Pasquali A., **McIntosh D. H.**, Weinmann S. M., & Kang X., MNRAS, submitted, astro-ph/0710.3164
   The Importance of Satellite Quenching for the Build-up of the Red Sequence of Present Day Galaxies
3. Heymans C., Gray M., Peng C. Y., Waerbeke L. V., Bell E. F., Wolf C., Bacon D., Balogh M., Barazza F. D., Barden M., Böhm A., Caldwell J. A. R., Häußler B., Jahnke K., Jogee S., van Kampen E., Koposov S., Lane K., **McIntosh D. H.**, Meisenheimer K., Mellier Y., Rix H.-W., Sánchez S. F., Taylor A. N., Wisotzki L., & Zheng X., MNRAS, submitted
   The dark matter environment of the Abell 901/902 supercluster: a weak lensing analysis of the HST STAGES survey

Press Releases

1. January 2004, 203rd Meeting of the American Astronomical Society, Atlanta, GA
   Mining for Cosmic Treasures with GEMS
2. January 2002, 199th Meeting of the American Astronomical Society, Wash. D. C.
   Team led by UMass astronomer explores how galaxies change in varying environments

Conference Proceedings

(Numbers in parentheses refer to number of citations.)

1. Trujillo I., Förster Schreiber N. M., Rudnick G., Barden M., Franx M., Rix H.-W., Caldwell J. A. R., **McIntosh D. H.**, et al., 2007, Island Universes Proceedings, p. 481
   Size Evolution of Galaxies Since $z \sim 3$: Combining SDSS, GEMS, and FIRES
2. Häußler B., Bell E. F., Barden M., Rix H.-W., **McIntosh D. H.**, et al., 2007, IAU Symposium#235, p. 102
   GEMS: The Destiny of Blue Spheroidal Galaxies
3. Barazza F. D., Jogee S., Rix H.-W., Barden M., Bell E. F., Caldwell J. A. R., **McIntosh D. H.**, et al., 2006, ASP Conference Series, Vol. 352, p. 225
   Studying Distant Dwarf Galaxies with GEMS and SDSS (1)
4. Heymans C., Brown M. L., Barden M., Caldwell J. A. R., Jahnke K., Rix H.-W., Taylor A., Beckwith S. V. W., Bell E. F., Borch A., Häußler B., Jogee S., **McIntosh D. H.**, et al., 2005, IAU Symposium#225, p. 43-48
   Cosmological Weak Lensing with the HST GEMS Survey
5. Maller A. H., **McIntosh D. H.**, Katz N., & Weinberg M. D., 2005, Proceedings of ESO Workshop on Multi-wavelength Mapping of Galaxy Formation and Evolution, p. 416
   Large Scale Structure from the Two Micron All Sky Survey
6. Jahnke K., Sánchez S. F., Wisotzki L., Barden M., Beckwith S. V. W., Bell E. F., Borch A., Caldwell J. A. R., Häußler B., Jogee S., **McIntosh D. H.**, et al., 2005, Proceedings of ESO Workshop on Multi-wavelength Mapping of Galaxy Formation and Evolution, p. 400
   Quasar Host Galaxies of GEMS, First Results: $0.5 < z < 2.75$
7. Wisotzki L., Jahnke K., Sánchez S. F., Wolf C., Barden M., Bell E. F., Borch A., Häußler B., Meisenheimer K., Rix H.-W., Beckwith S. V. W., Caldwell J. A. R., Jogee S., Somerville R. S., **McIntosh D. H.**, Peng C. Y., 2004, Proceedings of the Guillermo Haro Conference, p. 63
   Evolution of Optically Faint AGN from the COMBO-17 and GEMS
8. Jogee S., Barazza F. D., Rix H.-W., Davies J., Heyer I., Barden M., Beckwith S. V. W., Bell E. F., Borch A., Caldwell J. A. R., Conselice C., Häußler B., Heymans C., Jahnke K., Knapen J. H., Laine S., Lubell G. M., Mobasher B., **McIntosh D. H.**, et al., 2004, ASSL Proceedings, Vol. 319, p. 291
   Evolution and Impact of Bars over the last nine Gyr: Early Results from GEMS (2)
9. Brinchmann J., Avelino P., Martins C., **McIntosh D. H.**, et al., 2004, AIP Conference Proceedings, Vol. 736, p. 117
   Constraining the Fine-Structure Constant at $z \sim 2.5$ Using Emission Lines (1)
10. **McIntosh D. H.**, Maller A. H., Katz N., & Weinberg M. D., 2003, RMxAC Conference Proceedings, Vol. 17, p. 183
    Structure of Bright 2MASS Galaxies: 2D Fits to the Ks-band Surface Brightness Profiles (2)
11. Sarzi M., Rix H.-W., Shields J. C., Rudnick G., **McIntosh D. H.**, Ho L. C., Filippenko A. V., Sargent W. L. W., 2001, ASP Conference Proceedings, Vol. 230, p.261
    Supermassive Black Holes from the Survey of Nearby Nuclei with STIS (1)
12. Shields J. C., Rix H.-W., **McIntosh D. H.**, Ho L. C., Rudnick G., Filippenko A. V., Sargent W. L. W., Sarzi M., Eracleous M., 2001, ASP Conference Proceedings, Vol. 224, p.327
    Variability in LINERs (3)