

Curriculum Vitae

Dr. Caroline E. Simpson

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Education

Ph.D.	1995	Astronomy	University of Florida, Gainesville, FL
M.S.	1991	Astronomy	University of Florida, Gainesville, FL
B.S.	1984	Astronomy, Physics	University of Massachusetts, Amherst, MA

Dissertation: *Properties and Observations of Dwarf Irregular Galaxies*

Advisor: Stephen T. Gottesman

Professional Record

2001-present	Associate Professor	Dept. of Physics, Florida International University
2001-2006	Faculty Fellow	The Honors College, Florida International University
Aug 1995-2001	Assistant Professor	Dept. of Physics, Florida International University
Jan-Aug 1995	Assistant Scholar	Dept. of Physics, Florida International University
1989 - 1990	Graduate Research Assistant	Dept. of Astronomy, University of Florida
1988 - 1989	Graduate Teaching Assistant	Dept. of Astronomy, University of Florida

Graduate Fellowships

1991-1994	Florida Space Grant Consortium	Dept. of Astronomy, University of Florida, Gainesville, FL
Summer 1994	Gibson Dissertation Fellow	College of Liberal Arts and Sciences, University of Florida, Gainesville, FL

Professional Societies

American Astronomical Society

Awards and Honors

- 2007 FIU Foundation Excellence in Teaching Award, Florida International University
- 2004 Honorary Membership, Golden Key Honor Society
- 1998 Teaching Incentive Program (TIP) Award, Florida International University, State University System of Florida
- 1995 Phi Kappa Phi National Honor Society
- 1993 NASA Public Service Group Achievement Award, Guide Star Catalog Group, Space Telescope Science Institute
- 1989 First Annual Achievement Award, Guide Star Catalog Group, Space Telescope Science Institute

National Grants

- 2007 Collaborative Research: Star Formation in Subcritical Environments, National Science Foundation, 2007-2012
- 2004 The Role of Neutral Hydrogen in Star Formation Processes in Dwarf Galaxies, National Science Foundation
- 1999 High Performance Connection Proposal, National Science Foundation
- 1997 Research Experience for Undergraduates (SARA), National Science Foundation, 1997-2000, renewed 2000-2005, 2005-2009
- 1997 Research Planning Grant, National Science Foundation
- 1997 Travel Grant-in-Aid, Local Organizing Committee of the 23rd Assembly of the International Astronomical Union
- 1997 International Travel Grant, American Astronomical Society
- 1993 International Travel Grant, American Astronomical Society
- 1991 Sigma-Xi Grants-in-Aid, Sigma-Xi The Scientific Research Society

Institutional Grants

- 2002 FIU College of Arts and Sciences Summer Research Support Program
- 1998 FIU Foundation/Provost's Office Research Award
- 1999 College of Arts and Sciences Grant-in-Aid

FIU Division of Sponsored Research and Training Seed Money Grants: 6 total: 1 (Spring 2001); 2 (Spring 2000); 2 (Fall 1999); 1 (Spring 1999); 1 (Fall 1998)

Observing Time Awarded

1. *The LITTLE THINGS Survey: Local Irregulars That Trace Luminosity Extremes*, Deidre Hunter, Elias Brinks, Bruce Elmegreen, Michael Rupen, Caroline Simpson, Fabian Walter, David Westpfahl, Lisa Young; NRAO Very Large Array Large Project; B, C, and D configurations; 376 hours, 2008-2009.
2. *Tracing Star Formation in LITTLE THINGS*, Deidre Hunter, Elias Brinks, Bruce Elmegreen, Michael Rupen, Caroline Simpson, Fabian Walter, David Westpfahl, Lisa Young; Galaxy Evolution Explorer (GALEX) Space Telescope; 16.50 kiloseconds, 2008

3. *Testing a model of star formation for dwarf galaxies*, D. Hunter, B. Elmegreen, C. Simpson, T. Nordgren; NRAO Very Large Array, C configuration; 18 hours, Fall 2006
4. *HI structure of the Blue Compact Dwarf VII Zw 403*, D. Hunter, C. Simpson, T. Nordgren, B. Elmegreen, E. Brinks, D. Westpfahl, E. Wilcots, V. McIntyre, & G. Ostlin; NRAO Very Large Array, B configuration; 11 hours, September 2006
5. *The Origin of Dwarf Galaxies*, D. Hunter, S. Hunsberger, E. Wilcots, C. E. Simpson, B. Elmegreen; NRAO Very Large Array, B, C, and D Configurations; 28 hours, November and December 2001; August 2002; December 2002
6. *The Evolution of Tidal Debris in Colliding Galaxies*, S. T. Gottesman, C. E. Simpson, B. K. Malphrus, S. Laine, M. Iyer, D. Ratay; NRAO Very Large Array, C configuration; 12 hours, June 2000
7. *The Evolution of Tidal Debris in Colliding Galaxies*, S. T. Gottesman, Caroline Simpson, B. K. Malphrus, and S. Laine; NRAO Very Large Array, D configuration; 25 hours, May 1999
8. *A Comparative Study of BCD and LSBD Low Mass Dwarf Galaxies*, Caroline Simpson, S. T. Gottesman, and J. M. Vilchez; NRAO Very Large Array, D configuration; 8 hours, November 1997
9. *The Evolution of Low Mass Dwarf Galaxies: An HI Study*, Caroline Simpson and S. T. Gottesman; NRAO Very Large Array, D configuration; 16 hours, September 1996
10. *HI Observations of Low Mass Dwarf Galaxies*, Caroline Simpson and S. T. Gottesman; NRAO Very Large Array, C configuration; 17 hours, July 1993
11. *Dwarf Galaxies out to 50 Mpc*, Caroline Simpson and S. T. Gottesman; NRAO Very Large Array, D configuration; 8 hours, August 1992

Courses Taught

- AST 2003: Solar System Astronomy (science core course for non-majors; also developed and taught fully online version)
- AST 2004: Stellar Astronomy (science core course for non-majors; also developed and taught fully online version)
- AST 3213: Introductory Astrophysics (junior level course)
- IDH 2003-2004: Inhabiting Other Lives (sophomore level year-long team-taught Honors College course)
- PHY 1020: Understanding the Physical World (science core course for non-majors)
- PHY 1033: First-Year Physics Seminar (1 credit seminar/discussion course for current and prospective undergraduate physics majors)

Students Supervised

Chair, Ph.D. Dissertation committee:

Sandipan Basu, 2008-present

Mansie Iyer, 1998-2005

Member, Ph.D. Dissertation committee:

Julie Johnson, 2008-present

Emily Howard, 2002-2004

Rolando Branley, 2002-2004

Member, M.S. Thesis committee:

Trisha Ashley, 2008-present

Priscilla Pamela, 2007-present

Jorge Gibert, 2004

Lizet Diaz, 2001

Emily Howard, 2000

Zhang Lei, 1995

Mentor, SARA Research Experience for Undergraduates (REU) program:

Trisha Ashley, Summer 2007

Naydene Hays, Summer 2004

Shannon Wells, Summer 2002

Jonathan Hargis, Summer 1999

Heather Rave, Summer 1997

Refereed Publications

1. "VII ZW 403: Structure Resolved in a Blue Compact Dwarf Galaxy," Trisha Ashley & Caroline Simpson, *Journal of the Southeast Association for Research in Astronomy*, 2008, **2**, 30 (<http://jsara.org>)
2. "Properties of the Dwarf Irregular Galaxy DDO 169," Mansie G. Iyer & Caroline E. Simpson, *Astron. J.*, 2006, **132**, 1035
3. "DDO 43: A Prototypical Dwarf Irregular Galaxy?," Caroline E. Simpson, Deidre A. Hunter, & Tyler E. Nordgren, *Astron. J.*, 2004, **130**, 1049
4. "DDO 88: A Galaxy-sized Hole in the Interstellar Medium," Caroline E. Simpson, Deidre A. Hunter, & Patricia M. Knezek, *Astron. J.*, 2005, **129**, 160
5. "Neutral Hydrogen in Arp 158," Mansie G. Iyer, Caroline E. Simpson, S. T. Gottesman, and Benjamin K. Malphrus, *Astron. J.*, 2004, **128**, 985
6. "Arp 158: A Study of the HI," Mansie G. Iyer, Caroline E. Simpson, Steven T. Gottesman, & Benjamin K. Malphrus, *Galaxies and Chaos*, eds. G. Contopoulos and N. Voglis, Lecture Notes in Physics, Berlin Springer Verlag, **626**, 263, 2003
7. "A Comparative Study of Star-Forming and Quiescent Dwarf Galaxies," Caroline E. Simpson and S. T. Gottesman, *Astron. J.*, 2000, **120**, 2975

8. “NGC 5291: Implications for the Formation of Dwarf Irregular Galaxies,” Benjamin K. Malphrus, Caroline E. Simpson, S. T. Gottesman, and T. G. Hawarden, *Astron. J.*, 1997, **114**, 1427
9. “Accurate Positions for the Second Byurakan Spectral Sky Survey [III],” Caroline E. Simpson; *Publ. Astr. Soc. Pacific*, 1990, **102**, 478

Conference Proceedings/Non-Refereed Papers

1. “Optical Survey of Peculiar Spiral Galaxy Arp 213,” Naydene Hays & Caroline Simpson, in *International Amateur Professional Photoelectric Photometry Communications*, 2005
2. “A 21-cm Neutral Hydrogen Study of Arp 213,” Shannon J. Wells and Caroline E. Simpson in *International Amateur Professional Photoelectric Photometry Communications*, 2003
3. “DDO 88: Inner Turmoil, Outer Calm,” C. E. Simpson, D. A. Hunter, P. Knezek; in *The Outer Edges of Dwarf Irregular Galaxies, 2002 Lowell Workshop On-Line Proceedings*, www.lowell.edu/Workshop/Lowell102/Proceedings, 2002
4. “Clues to the Formation and Evolution of Tidal Dwarf Galaxies,” M. G. Iyer, C. E. Simpson, S. T. Gottesman, and B. K. Malphrus; *Astrophysics and Space Science* **277** (Suppl.): 473, *The Evolution of Galaxies - I. Observational Clues*, Kluwer Academic Publishers, 2001
5. “Neutral Hydrogen Observations of Interacting Galaxies: Arp 279 and Arp 263,” J. R. Hargis, and Caroline E. Simpson; in *International Amateur Professional Photoelectric Photometry Communications*, Spring 2000
6. “HI Observations of Low Mass Dwarf Galaxies,” Heather A. Rave, Caroline E. Simpson; in *International Amateur Professional Photoelectric Photometry Communications*, **71**; Winter 1998
7. “A Comparative Study of Star-Forming and Quiescent Dwarf Galaxies,” Caroline E. Simpson, S. T. Gottesman; in *Proceedings of the XXXIIIth Rencontres de Moriond, XVIIIth Moriond Astrophysics Meeting “Dwarf Galaxies and Cosmology”*, eds. T. X. Thuan, C. Balkowski, V. Cayatte, and J. Tran Than Van, Editions Frontieres, 1998
8. “An HI Survey for Dwarf Galaxies,” Caroline E. Simpson, S. T. Gottesman; in *ESO/OHP Workshop on Dwarf Galaxies*, eds. G. Meylan and P. Prugniel, Observatoire de Haute-Provence, France; 1994
9. “HI Observations of Dwarf Galaxies Out to a Distance of 50 Mpc,” C. E. Simpson, S. T. Gottesman; in NASA Conference Publication 3190, *The Evolution of Galaxies and Their Environment*; eds. D. Hollenbach, H. Thronson, J. M. Shull; 1993
10. “The Environments of Markarian Galaxies,” J. W. MacKenty, C. Simpson, B. McLean, in NASA Conference Publication 3098, *Paired and Interacting Galaxies: International Astronomical Union Colloquium No. 124*; eds. J. W. Sulentic, W. C. Keel; 1990

Presentations/Abstracts

1. “VII Zw 403: A Blue Compact Dwarf Case Study,” Caroline Simpson, Deidre Hunter, & Trisha Ashley; IAU Symposium 255, Low-Metallicity Star Formation: From the First Stars to Dwarf Galaxies; June 2008
2. “VII ZW 403: Structure Resolved in a Blue Compact Dwarf Galaxy,” Trisha Ashley & Caroline Simpson, *Bulletin of the American Astronomical Society*, **39**, vol. 4, 756, 013.10, 2008
3. “The LITTLE THINGS Survey,” Deidre Ann Hunter, E. Brinks, B. Elmegreen, M. Rupen, C. Simpson, F. Walter, D. Westpfahl, L. Young, *Bulletin of the American Astronomical Society*, **39**, vol. 4, 895, 095.06, 2008
4. “VII ZW 403: A Blue Compact Dwarf Case Study,” Caroline E. Simpson, D. A. Hunter, & T. E. Nordgren, *Bulletin of the American Astronomical Society*, **39**, vol. 1, 190, 081.04, 2007
5. “Optical Survey of Peculiar Galaxy Arp 213,” N. Hays and C. E. Simpson; 19th Annual Meeting of the National Council for Undergraduate Research, Lexington, VA; 2005
6. “DDO 210,” M. Iyer, C. E. Simpson, and D. A. Hunter; *Bulletin of the American Astronomical Society*, **35**, 115.21; 2003
7. “A 21-cm Neutral Hydrogen Study of Arp 213,” S. J. Wells, C. E. Simpson; *Bulletin of the American Astronomical Society*, **34**, 1009; 2002
8. “Neutral Hydrogen Observations of Interacting Galaxies: Arp 279 and Arp 263,” J. R. Hargis, C. E. Simpson, S. T. Gottesman, B. K. Malphrus; *Bulletin of the American Astronomical Society*, **31**, 1476; 1999
9. “Formation and Evolution of Tidal Dwarf Galaxies,” M. Iyer, C. E. Simpson, S. T. Gottesman, and B. K. Malphrus, *Bulletin of the American Astronomical Society*, **31**, 1451; 1999
10. “A Comparative Study of Low Mass Blue Compact and Low Surface Brightness Dwarf Galaxies,” C. E. Simpson, and S. T. Gottesman, Dwarf Galaxies: Probes for Galaxy Formation and Evolution, Joint Discussion 2, XXIIIrd General Meeting of the International Astronomical Union, Kyoto, Japan, 2, E27; 1997
11. “The Formation of Dwarf Irregular Galaxies in the Peculiar System NGC 5291,” B. K. Malphrus, S. T. Gottesman and C. E. Simpson, *Bulletin of the American Astronomical Society*, **27**; 1995
12. “VLA Observations of the Peculiar System NGC 5291,” B. K. Malphrus, C. E. Simpson, and S. T. Gottesman, *Bulletin of the American Astronomical Society*, **26**, 1439; 1994
13. “IRAS Observations of Cool Dust — Is there Dust in the Outer Solar System Beyond the Orbit of Pluto?,” C. Simpson, S. F. Dermott, R. S. Gomes, S. T. Gottesman, B. Gustafson, S. Jayaraman; *Bulletin of the American Astronomical Society*, **22**, 1118; 1990
14. “IRAS Observations of the Large-Scale Background Zodiacal Cloud,” Y-L. Xu, S. F. Dermott, R. S. Gomes, B. Gustafson, S. Jayaraman, C. Simpson, P. D. Nicholson, *Bulletin of the American Astronomical Society*, **22**, 1118; 1990

15. "IRAS Observations of the "Ten-Degree" Solar System Dust Bands," S. Jayaraman, S. F. Dermott, R. S. Gomes, B. Gustafson, C. Simpson, Y-L. Xu, P. D. Nicholson, *Bulletin of the American Astronomical Society*, **22**, 1123; 1990
16. "IRAS Observations of the "Near-Ecliptic" Solar System Dust Bands," S. F. Dermott, R. S. Gomes, B. Gustafson, S. Jayaraman, C. Simpson, Y-L. Xu, P. D. Nicholson, *Bulletin of the American Astronomical Society*, **22**, 1123; 1990

Seminars/Colloquia

1. "Historical Women in Astronomy," Department of Physics, Florida International University, Miami, FL; September 2008
2. "Arp 213: A Dark Matter Dominated Spiral," Department of Physical Sciences, Columbus State University, Columbus, GA; June 2006
3. "A Look at Radio Astronomy," Department of Physics, University of North Carolina at Asheville, Asheville, NC; March 2004
4. "Dwarf Galaxies: A Peek at the Zoo," Lowell Observatory, Flagstaff, AZ; December 2001
5. "Star Formation in Dwarf Galaxies," Department of Physics, Florida Atlantic University, Boca Raton, FL; March 2001
6. "Colliding Galaxies: NGC 5291 and Young Galaxy Formation," Department of Geology, FIU, Miami, FL; October 1998
7. "HI Observations as a Probe of Star Formation in Low Mass Dwarf Galaxies," Colloquium, National Radio Astronomy Observatory, Charlottesville, VA; May 1997
8. "NGC 5291 and Young Galaxy Formation," Seminar, Department of Physics, FIU, Miami, FL; September 1994
9. "Star Formation in Low-Mass Dwarf Galaxies," Seminar, Department of Physics, FIU, Miami, FL; November 1993

Invited Talks

"A 21-cm Neutral Hydrogen Study of Arp 213," presented at the 128th National Meeting of the American Association of Physics Teachers, Miami, FL; Jan. 27, 2003

Contributed Talks

"A Comparative Study of Star-Forming and Quiescent Dwarf Galaxies," presented at XXXI-IIth Rencontres de Moriond, XVIIIth Moriond Astrophysics Meeting, Les Arcs 1800, Savoie, France; March 16, 1998

Press Release

"New Galaxies from Old? VLA Observations Strengthen Case," National Radio Astronomy Observatory Press Release, D. Finley, <http://www.aoc.nrao.edu/pr/press-1-16-96.html>; Jan. 16, 1996

Book/Chapter Reviews

- On-line tutorials for the Astroportal online course management system, W. H. Freeman & Co., for *Universe*, Freedman & Kaufmann, 8th ed. 2008
- *The Solar System: Our Home in the Galaxy*, Faure & Mensing (1st ed; Cambridge University Press); Summer 2005
- *The Cosmic Perspective*, Bennett, Donahue, Schneider, & Voit, (4th ed.; Addison Wesley); Spring 2005
- *Universe*, Freedman and Kaufmann, (7th ed.; Freeman); Fall 2003
- *How We Learn and Why We Don't*, Krause, (1st ed.; Brooks/Cole); Spring 2000
- *Universe: Origins and Evolution*, Snow and Brownsberger, (2nd ed.; Brooks/Cole); Summer 1999
- *Universe*, Kaufmann and Freedman, (5th ed.; Freeman); Fall 1997
- *Universe: Origins and Evolution*, Snow and Brownsberger, (1st ed.; Brooks/Cole); Spring 1996

Professional Service

- Member, Committee on the Status of Women in Astronomy, American Astronomical Society; 2007-present
- co-Editor, weekly electronic newsletter of the Committee on the Status of Women in Astronomy, American Astronomical Society; 2007-present
- Reviewer, National Science Foundation grant proposal, Division of Materials Research, Office of Special Programs; Fall 2008
- Reviewer, Research Corporation grant proposal; 2007
- Reviewer, Florida Comprehensive Assessment Test (FCAT) Science examination questions; 2007
- Reviewer/Consultant, W. H. Freeman & Co., publishers; Tutorials, Astroportal online course management/homework/ebook system, textbook, *Universe*, 2006-present
- Referee, *Astronomical Journal*; 2006
- Member, Advisory Council, Florida Space Grant Consortium; Fall 2005 – present
- Member, Local Organizing Committee, *Blazar Variability Workshop II: Entering the GLAST Era*, FIU, Miami, FL; Spring 2005
- Panelist, McGraw-Hill Publishing Focus Group; Atlanta, GA; Jan 2004
- Member, Local Organizing Committee, International Astronomical Union Conference #187, *Exotic Stars as Challenges to Evolution*, FIU, Miami, FL; Spring 2002
- Session Chair, Session DB: *New Astronomical Results*, Southeast Section of the American Physical Society, Miami, FL; Fall 1998

- Member, Review Panel, National Science Foundation POWRE (Professional Opportunities for Women in Research and Engineering) Program, Spring 1998
- Member, Local Organizing Committee, International Workshop on *Blazar Continuum Variability*, Florida International University, Miami, FL; Winter 1996
- Reviewer, National Science Foundation CAREER grant proposal; Fall 1995

University Service

- Member, Faculty Senate, Florida International University; Fall 2007-present
- Chair, Information Technology Advisory Committee, Florida International University; Fall 2008-present
- Member, Sabbatical Committee, Florida International University; Spring 2008
- Member, Information Technology Advisory Committee, Florida International University; Spring 2007-present
 - Chair, Fall 2008-present
 - Member, Steering Committee, Fall 2008-present
- Member, Classroom Design Standards Committee, Florida International University; Fall 2008
- Member, Desktop Management Committee; Summer 2005
- Member, Faculty Senate Ad-hoc Committee on Core, General Education, and Exit Requirements; Spring 2001-Fall 2002
- Member, Southern Association of Colleges and Schools (SACS) Self-Accreditation Committee on Physical Resources; 1997-1999
 - Chair, subcommittee for Safety and Security
 - Chair, subcommittee for Buildings, Grounds, and Equipment Maintenance

Department Service

- co-Undergraduate Advisor, Physics Department; 2006-present
- Member, Honors College Student Research and Artistic Initiatives Committee; 2005
- Member, Physics Curriculum Revision Committee; 2004-2006
- Member, Physics Department Faculty Evaluation System Revision Committee; 2004-2005
- Member, Honors College Admissions Committee; 2002-2006
- Member, Physics Space Utilization Committee; 2002-present
- Chair, Physics Machine Shop Committee; 1997-present
- Member, Physics Machine Shop Committee; 1996-1997
- Member, Computer Committee; 1996-present

- Member, Committee to attract and retain Physics Majors; 1999-2000
- Member, Committee to develop Departmental Purpose and Effectiveness Document (Mission Statement and Assessment Criteria); 1999-2000
- Member, Budget Committee; 1995-1997

Community/Public Service

Member, Southern Cross Astronomical Society; 1995-present

Public Talks:

1. *Colliding Galaxies*, Astronomical Society of the Palm Beaches, West Palm Beach, FL; February 2009
2. *Colliding Galaxies*, Enchanted Skies Star Party, Socorro, New Mexico; September 2008
3. *Historical Women in Astronomy*, FIU Astronomy Public Lecture Series, Miami, FL; October 2007
4. *Historical Women in Astronomy*, FIU Astronomy Public Lecture Series, Miami, FL; October 2006
5. *Historical Women in Astronomy*, Astronomical Society of the Palm Beaches, West Palm Beach, FL; July 2005
6. *Historical Women in Astronomy*, FIU Astronomy Public Lecture Series, Miami, FL; March 2005
7. *A Look at Radio Astronomy*, Physics Olympiad, Barry University, Miami Shores, FL; April, 2004
8. *Historical Women in Astronomy*, FIU Astronomy Public Lecture Series, Miami, FL; October 2003
9. *A Day in the Life of a Radio Astronomer*, Southern Star Astronomical Convention, Little Switzerland, NC; May 2003
10. *Women in Astronomy*, FIU Astronomy Public Lecture Series, Miami, FL; March 2003
11. *Radio Astronomy*, Southern Cross Astronomical Society Winter Star Party, Summerland Key, FL; February 2003
12. *The Radio Universe*, FIU Astronomy Public Lecture Series, Miami, FL; November 2002
13. *Colliding Galaxies*, South West Florida Astronomical Society, Ft. Myers, FL; November 2002
14. *Hubble's Greatest Hits*, Ft. Lauderdale Museum of Science, FL; November 2002
15. *A Look at Radio Astronomy*, South Florida Amateur Astronomers Association, Sunrise, FL; October 2002
16. *Venus*, FIU Astronomy Public Lecture Series, Miami, FL; September 2002

17. *Hubble's Greatest Hits*, Southern Cross Astronomical Society, Miami, FL; June 2002
18. *Hubble's Greatest Hits*, FIU Astronomy Public Lecture Series, Miami, FL; February 2002
19. *Colliding Galaxies*, Astronomical Society of the Palm Beaches, West Palm Beach, FL; February 2002
20. *Hubble's Greatest Hits*, FIU Astronomy Public Lecture Series, Miami, FL; November 2001
21. *Colliding Galaxies*, Astronomy Day, Miami Space-Transit Planetarium, Miami, FL; April 2001
22. *The Radio Universe*, FIU Astronomy Public Lecture Series, Miami, FL; March 2001
23. *Colliding Galaxies*, Southern Cross Astronomical Society, Miami FL; January 2001
24. *Galaxies in Collision*, FIU Astronomy Public Lecture Series, Miami, FL; November 2000
25. *The Sun and Solar Maximum*, Coral Gables Kiwanis Club, Coral Gables, FL; July 2000
26. *A Day in the Life of a Radio Astronomer*, Astronomical Society of the Palm Beaches, West Palm Beach, FL; February 2000
27. *Observing with the Very Large Array*, Southern Cross Astronomical Society, Miami, FL; July 1999
28. *Radio Astronomy and the Very Large Array*, Southwest Florida Astronomical Society, Ft. Myers, FL; July 1999
29. *The Seashell and the Seven Dwarfs*, Southern Cross Astronomical Society, Miami, FL; September 1995

Miscellaneous:

- *Stellar Evolution*, 6th-8th grade, at Miami Country Day School, Miami, FL; April 2005
- Honors College Colloquium, *Are You Determined by the Laws of the Universe?*, Miami Dade College, Miami, FL; April 2004
- Invited Speaker, Informal Brown Bag Lunch Meeting, FIU's Women's Center; Feb. 2004
- Interviewed for Miami El Herald article on sun halos; Nov. 6, 2003
- Led discussion session on Women in Astronomy for the SARA REU program, Summers 1999-2002
- Interviewed for front page Miami Herald article, "Pluto's Planet Status Rattled," by Martin Merzer; October 7, 2002
- Interviewed for El Nuevo Herald article on Sun Halos, "Una Hora de Suspenso en la Capital del Sol," by Rui Ferreira, May 18, 2002

- Star Parties, FIU Astronomy Public Lecture Series, Miami, FL; 2001-present
- *The Solar System*, 6th-8th grade, at Miami Country Day School, Miami, FL; May 2001
- Science Day Observing, St. John Neumann Elementary and Middle School, Miami, FL; February 2001
- *Interacting Galaxies*, Ponce de Leon Middle School Gifted classes, Coral Gables, FL; April 2000
- Participated in the GEMS (Girls Educated and Motivated for Success) Career Workshop, North Miami Beach Senior High School, FL; November 1999
- *Our Solar System*, Flagami Elementary School, 4th and 5th Grades, Miami, FL; April 1998
- *Our Solar System*, Flagami Elementary School, 4th and 5th Grades, Miami, FL; March 1996
- *The Origin of the Universe*, Guest Lecture for FIU Honors Class IDH 1002, Miami, FL; September 1995