

PAMELA GOSSIN

History of Science and Literary Studies
Director, Medical and Scientific Humanities
Director, The Neihardt Projects

Associate Fellow, Center for Great Plains Studies, Univ. Nebraska-Lincoln

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School of Arts and Humanities
University of Texas-Dallas Richardson, TX 75083-0688
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EDUCATIONAL HISTORY

Dual PhD 1989 University of Wisconsin-Madison History of Science and English
Special joint program. Completed all regular doctoral course work in both departments, two sets of preliminary examinations and an interdisciplinary dissertation, *Poetic Resolutions of Scientific Revolutions: Astronomy and the Literary Imaginations of Donne, Swift and Hardy.*

Master of Arts University of Nebraska-Lincoln English
Areas of concentration: Great Plains literature, British Literature 16th-19th c.

Bachelor of Arts* University of Nebraska-Lincoln English and Latin w/ Math minor
* Degree with Highest Distinction; Senior Honors Thesis; Teaching Certification -- English, Secondary level.

EMPLOYMENT HISTORY

Professor of Arts and Humanities	2010+	University of Texas-Dallas
Affiliate Professor of Science Education	2011+	University of Texas-Dallas
Associate Professor of Arts and Humanities	2001-10	University of Texas-Dallas
Assistant Professor of Arts and Humanities	1994-2001	University of Texas-Dallas
Visiting Assistant Professor, History of Science	Summer 1994	University of Oklahoma
Assistant Professor of English	1994	University of Missouri-Rolla
Visiting Assistant Professor, History of Science	1991-1993	University of Oklahoma
Rockefeller Fellow, History of Science	1990-1991	University of Oklahoma
Assistant/Adjunct Professor of English	1988-1990	Millikin University

PROFESSIONAL RECOGNITION, HONORS AND AWARDS

Plains Humanities Alliance Fellowship in Digital Humanities	2011-13	Center for Digital Research in the Humanities & Center for Great Plains Studies, Univ. Nebraska Dudley Observatory
Herbert C. Pollock Research Award	2010	University of Texas-Dallas
Special Faculty Development Assignment	2009-10	University of Texas system
<i>Chancellor's Council--Outstanding Teaching</i> , nominee	2008-09	Society for Lit., Sci. and the Arts
Michelle Kendrick Memorial Book Prize, nominee	2008	British Society for Lit & Science
1 st Annual BSLS Book Prize, nominee	2008	University of Texas-Dallas
<i>Victor Worsfold Award for Outstanding Teaching</i>	2004-05	University of Texas-Dallas
Special Faculty Development Assignment	2003-04	Brown University
Howard Foundation Fellowship in History of Science	1997-98	National Endowment-Humanities
NEH Summer Research Stipend	1997	Dudley Observatory
Pollock-Dudley Research Award	1995	University of Missouri (declined)
Course and Curriculum Improvement Award	1994	

HONORS AND AWARDS, continued:

Pollock-Dudley Research Award	1993	Dudley Observatory
Rockefeller Fellowship	1990-91	University of Oklahoma
Provost's Commendation --Teaching Excellence	1990	Millikin University
Javits – National Graduate Fellowship	1986-88	U.S. Dept of Education
National Science Foundation	1988	NSF- Travel Award
Preliminary Exams--with distinction	1988	English / History of Science
Graduate School Fellowship	1985-86	University of Wisconsin
Phi Beta Kappa, Regents Scholarship, Steckelberg Stipend in Classics, Barbar Prize--Latin, Dawson Fellowship, Bridge Award--English		All: University of Nebraska

PUBLICATIONS

BOOKS and DIGITAL HUMANITIES PROJECTS:

4. *Across the Spectrum: The Interdisciplinary Life and Letters of John G. Neihardt*, scholarly interpretative website, under construction / in progress (est. 8-10 book chapters print equivalent)
3. *The Collected Letters of John G. Neihardt*, digital archive, in progress
 - Phase I. *Professional and Literary Correspondence* (est. 8 vols., print equivalent)
 - Phase II. *Family Correspondence* (est. 7 vols., print equivalent)
2. *Thomas Hardy's Novel Universe: Astronomy, Cosmology and Gender in the Post-Darwinian World*, print, Ashgate Publishing, 2007.

* Nominated for: 1st Annual British Society for Literature and Science Book Prize and Michelle Kendrick Memorial Book Prize, Society for Literature, Science and the Arts
1. *An Encyclopedia of Literature and Science*, print, Greenwood Press, 2002.

BOOK PROJECTS, in progress (approved by Neihardt Trust)

2. *Neihardt on Science: Selected Essays and Reviews, 1913 - 1938*
(pre-proposal accepted and full proposal invited, in progress for University of Nebraska Press)
1. *Visions and Voices: Selected Letters of John G. Neihardt*
(pre-proposal accepted and full proposal invited, in progress for University of Nebraska Press)

ARTICLES and BOOK CHAPTERS:

57. "'Animated' Nature: The Ethics of Empathy in Hayao Miyazaki's Ecophilosophy," for *Mechademia* (accepted for volume 10, forthcoming 2014)
56. "Lessons of an Interdisciplinary Life: Loren Eiseley's Rhetoric of Profundity and the 'Two Cultures' Classroom," book chapter, for *Artifacts and Illuminations: Critical Essays on Loren Eiseley*, eds. Susan Maher and Tom Lynch, University of Nebraska Press, 2012, pp. 143-172.

ARTICLES and BOOK CHAPTERS, continued:

55. "Hardy's Poetic Cosmology and the New Astrophysics," invited book chapter, for *Hardy Research Companion*, ed. Rosemarie Morgan, Ashgate Publishing, 2010, pp 235-252.
54. "Interdisciplinary Meets Cross-Cultural: Teaching Anime and Manga on a Science and Technology Campus," *Teaching the Graphic Novel*, ed. Stephen E. Tabachnick, Modern Language Association Teaching Series (New York: MLA, 2009) 585-607.
53. Essay Review, "An Interdisciplinary Community of One?" on Holly Henry, *Virginia Woolf and the Discourse of Science: The Aesthetics of Astronomy, Arts and Humanities in Higher Education*, 5 (Feb 2006) 107-112.
52. "Literature and the Modern Physical Sciences," *Cambridge History of Science, Volume 5: Modern Physical and Mathematical Sciences*, ed. Mary Jo Nye, Cambridge University Press, 2003, pp.91-109.
51. Editor's *Preface* for *An Encyclopedia of Literature and Science*, ed. Pamela Gossin, Westport, CT: Greenwood Press, 2002, pp. ix-xiii.
- 8-50. 42 separate entries and an extensive "Selected Bibliography and Index" (60 pp), for *An Encyclopedia of Literature and Science*, ed. Pamela Gossin, Westport, CT: Greenwood Press, 2002:

Diane Ackerman, p.2	Gravity / Antigravity (w/ Elmar Schenkel), p.176
Aeronautics / Aviation" (w/ D. K. Vaughan), pp.3-5	Lisa Grunwald, p. 177
James Rufus Agee, p.7	Thomas Hardy, pp.180-181
Anime, pp. 12-13	Horace, p.198
Aratus of Soli, p.20	Weldon Kees, pp.220-221
Aristotle, pp.21-22	Alan P. Lightman (w/ Jay Labinger), p.229
John Barth, pp.41-42	Literature and Science Programs—UTD, p.261
Donald Barthelme, p.42	Jack London (w/ Joseph Carroll), p.263
Samuel Beckett, p.43	Manga, p.268
Aphra Behn, p.44	Andrew Miller, p.284.
William Blake, pp.49-50	Andreas Osiander, p.316
William Burroughs, pp.56-57	Samuel Pepys, p.327
Samuel Butler (17 th c), p.58	Physics (co-author, Marc Hairston), pp.337-341
Margaret Cavendish, p.65	Plato, p.343
Anton Pavlovich Chekov, pp.76-77	Richard Powers (w/ Jay Labinger), pp.356-357
Cicero (w/ Charles A. Baldwin), p.79	Nevil Shute (w/ D. K. Vaughan), p.439
Robert Coover, pp. 88-89	Space Travel, p.443
Loren Corey Eiseley, pp.122-123	Neal Stephenson, p.446
Garden (w/ David N. Cassuto), pp.165-166	James Thomson, p.468
Germanicus Caesar, p.171	Visualization (w/ Sid Perkowitz), pp.490-491
Edmond and Jules de Goncourt, p.175	Gary Zukav (w/ June Deery), pp.506-507
7. "Aphra Behn," *Biographical Dictionary of Women of Science*, eds. Marilyn Bailey Ogilvie and Joy Dorothy Harvey, NY: Routledge, 2000, pp.105-108.
6. "Literature [and the Scientific Revolution]," *Encyclopedia of the Scientific Revolution: From Copernicus to Newton*, ed. Wilbur Applebaum, NY: Garland Publishing, 2000, pp. 367-371.
5. "'All Danae to the Stars': Nineteenth-Century Representations of Women in the Cosmos," *Victorian Studies*, 40.1 (Aut 1996 [published 1998]) 65-96.

ARTICLES and BOOK CHAPTERS, continued:

4. "Living Poetics, Enacting the Cosmos: Diane Ackerman's Popularization of Astronomy in *The Planets: A Cosmic Pastoral*," *Women's Studies: An Interdisciplinary Journal*, 26 (1997) 605-638.
3. "News on the Encyclopedia of Literature and Science," *Decodings*, 6.2 (Spr 1997) 4-9.
2. "Literature [and Astronomy]," *History of Astronomy: An Encyclopedia*, ed. J. Lankford, NY: Garland, 1996, 307-314.
1. "Literature and Science," annotated bibliography, in *Guide to Historical Literature*, American Historical Association, Oxford University Press, 1994.

ARTICLES and BOOK CHAPTERS, submitted, invited or commissioned:

2. "Literature and Astronomy in 19th-century Britain" for *The Ashgate Research Companion to Nineteenth-Century Literature and Science*, eds. John Holmes and Sharon Ruston (invited; due Spring 2014)
1. "A Shared Sense of the Universe: Rural Landscapes and Cosmic Spaces in Thomas Hardy and Some American Regional Writers," invited book chapter, for Jane Thomas, ed., *Re-reading Thomas Hardy* (in progress)

REVIEWS, published / forthcoming:

22. Kumar, Neelam, ed. *Gender and Science: Studies across Cultures*. New Delhi: Cambridge University Press India, 2012 for ISIS (due spring 2013)
- 21 and 20. Cheng, John, *Astounding Wonder: Imagining Science and Science Fiction in Interwar America*, U Penn, 2012 and Geppert, Alexander, ed., *Imagining Outer Space: European Astroculture in the Twentieth Century*, Palgrave, 2012 for ISIS (forthcoming)
19. Lee, Maurice S. *Uncertain Changes: Science, Skepticism, and Belief in Nineteenth-Century American Literature*, Oxford: Oxford University Press, 2011 for *Journal of American Studies* 47.1 (Feb 2013), E7, 2 pp.
18. Marchitello, Howard. *The Machine in the Text: Science and Literature in the Age of Shakespeare and Galileo*, Oxford: Oxford University Press, 2011 in *ISIS* 103.3 (Sep 2012) 593-594.
17. Young, Kay. *Imagining Minds: The Neuro-Aesthetics of Austen, Eliot, Hardy*, Columbus, OH: Ohio State University Press, 2010 for *The Hardy Review* 13 (Aut 2011) 181-183.
16. *Kari-gurashi no Arrietti / The Borrower, Arrietty* (2010), Studio Ghibli, *Mechademia: Journal of Japanese Animation and Manga*, Fall 2011 np
[<http://mechademia.org/reviews/pamela-gossin-review-of-the-secret-world-of-arrietty/>]
15. Aubin, David, Charlotte Bigg and H. Otto Sibum, eds., *The Heavens on Earth: Observatories and Astronomy in Nineteenth-Century Science and Culture*, Durham and London: Duke University Press, 2010 for *Victorian Studies* 53.4 (Sum 2011) 770-772.
14. Bowler, Peter J. *Science for All: The Popularization of Science in Early Twentieth-Century Britain*, University of Chicago, 2009, *Journal of British Studies* 49 (July 2010) 716-717.

REVIEWS, published, continued:

13. Reid, Julia, *Robert Louis Stevenson, Science and the Fin de Siecle* (Palgrave Studies in Nineteenth-Century Writing and Culture series) Palgrave Macmillan, 2009 (pb) for *Scotia: Interdisciplinary Journal of Scottish Studies* XXXII (2008; [published mid-2010]) 37-39.
12. Partington, John S., ed., *H. G. Wells in Nature, 1893-1946: A Reception Reader* (Arbeiten zur Literarischen Phantastik, 3) Frankfurt: Peter Lang, 2008, for *ISIS: Journal of the History of Science Society* 100. 4 (Dec 2009): 933-934.
11. Lightman, Bernard, *Victorian Popularizers of Science: Designing Nature for New Audiences*, University of Chicago, 2007, *Journal of British Studies* 48.4 (Oct 2009) 1026-1028.
10. Fincham, Tony, *Hardy the Physician: Medical Aspects of the Wessex Tradition*, New York: Palgrave Macmillan, 2008, *Nineteenth-Century Literature* 64.2 (Sept 2009) 253-256.
9. Fyfe, Aileen and Bernard Lightman, eds., *Science in the Market Place*, University of Chicago Press, 2007, *Journal of British Studies* 48.3 (July 2009) 784-786.
8. Cummins, Juliet and David Burchell, eds., *Science, Literature and Rhetoric in Early Modern England*, Ashgate, 2007, *Early Science and Medicine* 14.4 (May 2009) 585-587.
7. Clark, Stuart, *The Sun Kings: The Unexpected Tragedy of Richard Carrington and the Tale of How Modern Astronomy Began* Princeton University Press, 2007, for *ISIS* 99.4 (Dec. 2008) 848-849.
6. Thomas, J., *Thomas Hardy, Femininity and Dissent: Reassessing the 'Minor' Novels*, *CLIO* 30.1(F2000) 134-40.
5. Albanese, Denise, *New Science, New World*, for *ISIS* 91.1 (March 2000) 144.
4. Markley, Robert, *Fallen Languages: Crises of Representation in Newtonian England, 1660-1740*, *Early Science and Medicine* 3.3 (Aug 1998) 265-267.
3. Haffenden, John ed. *William Empson . . . Donne and the New Philosophy*, *ISIS* 85.4 (Dec 1994) 692-693.
2. Carithers, Gale, *Mumford, Tate and Eiseley*, *ISIS* 84.3 (Sept 1993) 609-610.
1. Peterfreund, Stuart, ed, *Literature and Science: Theory and Practice* and White, Fred D., ed, *Science and the Human Spirit: Contexts of Writing and Learning*, *ISIS* 82.2 (June 1991) 356-358.

OTHER PROFESSIONAL WRITING / PUBLICATIONS:

1. *Electronic Portfolio, Faculty Review for Promotion to Full Professor*, 300+pp, 2009
- 2.-5. *Medical and Scientific Humanities Administrative Program Documents:*
 2. Grant Proposal for **MaSH Endowed Chair and Directorship**, 2006-07
 3. Two Degree Plans for proposed **Major (BS) in MaSH and MaSH-PH**, 2006
 4. Request for Preliminary Authority documents, **Undergraduate Major Degree Proposal**, 2005
 5. Degree Plan for **MaSH Minor**, 2001-02
6. *A Celebration of Loren Eiseley*, conference monograph, Lincoln City Libraries, 1983.
7. *A Loren Eiseley Bibliography*, Lincoln City Libraries, 1982.
8. "Ruth Rosekrans Hoffman: An Annotated Checklist of Her Works," *Nebraska Library Assoc. Q*, 1981.
9. Poetry, *Runes* (Lincoln Public Schools)

PRESENTATIONS / INTERVIEWS / PUBLIC OUTREACH

99. "Talking the Talk," invited talk, Phi Alpha Theta, UT-Dallas. February, 2013
98. "Anime and Manga in Popular Culture" interview, Z. Lambert, ATEC Program, Fall, 2012
97. "Animated Artistry of Hayao Miyazaki" with M. Hairston, CometCon, October, 2012
96. "Teaching in the Age of New Media," invited talk, Society for Literature, Science and the Arts, September, 2012
95. Japanese Anime and Manga in the Humanities and Sciences, interview, UT-Dallas News, K. Morales, March, 2012
94. "The Sciences and Humanities @ UTD," invited guest lecture, Creativity Honors class, Prof. Richard Scotch, UT-Dallas, March, 2012
93. TEDxOU, invited participant (selective), University of Oklahoma, January 2012
92. * *Distinguished Keynote Lecture* * invited lecture, "A Shared Sense of the Universe: Rural Landscapes and Cosmic Spaces in Thomas Hardy and American Regional Writing," at International Thomas Hardy Conference, Dorset, England (summer 2010/12; declined, due to lack of travel funds)
91. U-Teach Program at UT-Austin, interview "Perspectives on Science," December 2011
90. Pedagogical Theory and Practice, interview, Jennifer Kraemer, UT-Dallas, November 2011
89. Oklahoma Creativity Forum, participant/discussant, Norman, OK, November 2011
88. "A Brief History of the History of Science," invited talk, Phi Alpha Theta, History Honor Society, UT-Dallas, October 2011
87. *Chronicle of Higher Education*, interview, May/June 2011
86. Neihardt Day Conference participant/discussant, Neihardt Center, Bancroft, NE, April 2011
85. National Science Teachers Assn Conference (GEMS curriculum development), participant/discussant, San Francisco, CA, March 2011
84. "The Humanities and the Sciences at UT-Dallas," invited talk, Faculty Colloquium, March, 2011
83. World Creativity Forum, conference participant, Oklahoma City, November, 2010
82. "Perspectives on Science," Site Visit by UTeach Institute, National Math and Science Initiative, observation, evaluation and interview, Oct. 2010
81. "New Renaissance of Creativity in Teaching and Learning," conference participant, U. Central Oklahoma, Fall, 2009
80. "Legacy of Miyazaki and Studio Ghibli," invited panel, A-KON (Anime convention), May 2009
79. "New Media in Academic Communication and Teaching," interview w/Rachel Sullivan, Hist. Media, April, 2009
78. Co-organizer, "Mystics, Priestesses and Warrior Women: Female Archetypes in Anime, public lecture and campus visit by Crispin Freeman, April, 2009
77. Public Education presentations, workshops, activities and displays, GS, World Thinking Day: Benin, Feb, 2010
- 68-76. Public Education presentations, workshops, activities and displays, Girl Scouts - Western Oklahoma
 - "Global Need: Extreme Hunger and Poverty," Jan. 2010
 - Energy Conservation at Home, Oct, 2009
 - Earth Day: vegetable planting and kite building, April, 2009
 - World Thinking Day: Lebanon, Feb, 2009
 - "Children of the World and Malaria Awareness," Feb. 2009
 - "Community Needs and Action," Dec. 2008
 - "Constellations in our Autumn Sky" and "star scopes," Oct. 2007
 - "Storytelling: How to Grow up to be a Famous American Woman," Sept. 2007
 - "Bird Habitats in the Natural Environment," Feb. 2007
67. "Galileo, Science and Religion," interview, Nazia Ahmed, History Fair, Murphy Middle School, Nov. 2008
66. UTeach "Perspectives on Science," Site Visit by UTeach Science Education Initiative, interview, Oct. 2008
65. "Academics and Anime" panel discussion, A-KON Anime convention, June, 2008
64. "Anime and Manga at UTD," 2 hr. live interview, w/ Dr. Marc Hairston, RadioUTD, Spring 2007
63. "Japanese Anime and Manga in the U.S.," Interview, Columbia School of Journalism, March 2007
62. "Anime Class Searches for a Deeper Meaning," Interview, *Mercury Newspaper*, February, 2007

PRESENTATIONS / INTERVIEWS / PUBLIC OUTREACH, continued:

61. "Convergence of the Twain: A Personal Perspective on Interdisciplinary Study of Literature and the History of Science," invited public lecture, Humanities and Western Civilization Program, U Kansas, February 2007.
60. "Seneca's Letters from a Philosopher: Applied Ethics," invited talk, Humanities and Western Civilization Program, University of Kansas, February 2007
59. "History of Science and Interdisciplinary Humanities," invited talk, Humanities Graduate Students, UT-Dallas, September, 2005
58. "Literature, History, Science: Life, the Universe and Everything," Oklahoma State University, May, 2005.
57. "Miyazaki's Artistry and Audience," Interview with Nancy Churnin, *Dallas Morning News*, February, 2005
56. "Anime and Manga: Animated / Graphic Human / Nature," session organizer, chair and moderator, MLA: Modern Language Association, Philadelphia, December, 2004
55. "Literary History of Astronomy: Thomas Hardy's Personal Construct Cosmology," in Astronomy and Representation in the Nineteenth Century, History of Science Society, Austin, TX, November 2004
54. "The Tech and Techne of Anime and Manga," session organizer, chair, and moderator, SLS: Society for Literature and Science, Duke University, October 2004
53. "Anime Adventures," session organizer and moderator, SLS: Society for Literature and Science, October, 2003
- 51-52. "Interdisciplinary Meets Cross-Cultural: Teaching History of Science and Humanities to Computer Science and Engineering Majors"
 - SLS: Society for Literature and Science Conference, October, 2003
 - History of Science Colloquium, University of Oklahoma, May, 2003
50. "Women in Science," inaugural presentation, XX: Women in Science Club, University of Texas-Dallas, April, 2003
49. "The Social and Cultural Meanings of *Frankenstein*," panel organizer and presenter, Plano Public Lib'y, April, 2003
- 43-48. Invited Scholar-Moderator, Six-week series, Public Science Education Program, "Fast Forward: Science, Technology and the Communication Revolution." -- Plano (TX) Public Library System
 - "The Telephone" April 4, 2001
 - "Film History" April 11, 2001
 - "Film Industry" April 18, 2001
 - "Radio: Out of Thin Air" April 25, 2001
 - "Picture Power (Television)" May 2, 2001
 - "The Internet -- Behind the Web" May 9, 2001.
42. "An Encyclopedia of Literature and Science: An Update" -- Society for Literature and Science, October, 1999
41. Chair and Plenary Introduction: "Paula Findlen and James Secord"
 - Mellon Conference on Biology, Identity and Community, University of Oklahoma, April, 1999.
40. "A Brief History of the Interdisciplinary Relations of Literature and the Physical Sciences"
 - Honors College, University of Oklahoma, December, 1998
39. "An Encyclopedia of Literature and Science: Experimental History or Experimental Community?"
 - Society for Literature and Science, November, 1998
38. "Literature / History / Science . . . Life, the Universe and Everything"
 - History of Science Colloquium, University of Oklahoma, April 1998
37. "Literature and History of Astronomy" (invited talk)–Hist.of Astronomy Workshop, Notre Dame, June, 1997.
- 35-36. "Pulp Poetry: Diane Ackerman's Popularization of Astronomy in *The Planets: A Cosmic Pastoral*"
 - Society for Literature and Science, October, 1996.
 - Midwest Junto for the History of Science, March, 1996.
34. "Pulp Poetry: Doing Violence to the History of Science?"
 - History of Astronomy Interest Group, University of Notre Dame, June, 1995.

PRESENTATIONS / INTERVIEWS / PUBLIC OUTREACH, continued:

- 31-33. "Living Poetics, Enacting the Cosmos: Diane Ackerman's Popularization of Astronomy in *The Planets...*"
 - Center for the Study of Science and the Arts, Univ. of Texas-Dallas, January, 1995.
 - History of Science Colloquium, University of Oklahoma, October, 1994.
 - History of Science Society, October, 1994.
30. "'All Danae to the Stars': Art, Myth, Gender and the Popularization of Astronomy in Tennyson and Hardy"
 - University of Texas-Dallas, February, 1994.
- 27-29. "April Fools: Newton, Halley, Flamsteed and Swift's Satire Against Astrology and Astronomy"
 - History of Science Society, November, 1993.
 - Group for Early Modern Cultural Studies, Inaugural conference, University of Oklahoma, October, 1993.
 - Physics Department Colloquium, University of Missouri-Rolla, October, 1993.
26. "The Fractal Taxonomy Takes Shape for *Literature and Science: An Encyclopedia*" – SLS, November, 1993.
- 22-25. "Thomas Hardy's *Two on a Tower*: An Unpopular Novel and the Popularization of Astronomy"
 - English Department, University of Missouri-Rolla, April, 1993.
 - Comparative Studies, The Ohio State University, April, 1990.
 - SLS, University of Michigan, September, 1989.
 - Midwest Junto for the History of Science, Notre Dame, March, 1988.
21. "Literature and Science – No Kidding!" Phi Lambda Upsilon, OU Chemistry Honorary, Banquet, April, 1993.
20. "Fictional Women and Real Astronomy in the Novels of Thomas Hardy"
 - History of Science Colloquium, University of Oklahoma, March, 1993.
- 17-19. "Is an Encyclopedia of Literature and Science Possible, when History of Lit. and Science is Impossible?"
 - Interdisciplinary Faculty Workshop, February, 1993.
 - SLS: Society for Literature and Science, October 1992.
 - History of Science Colloquium, University of Oklahoma, October 1992.
16. "Sightlessness and Insight: Milton's Blindness in Contexts of Literature, Medicine and Astronomy"
 - History of Science Society, October 1991.
15. "Fractured Fairy Tales and Fractal History: Revolutionary Models in the History of Science and Literary History"
 - Crossing the Disciplines: Cultural Studies in the 1990s, Joint meeting of Oklahoma Project for Discourse and Theory and Semiotic Society of America. University of Oklahoma, October 1990.
- 13-14. "What if You Gave a Revolution and Nobody Came? Revolutionary Models in the History of Science and Literary History"
 - SLS, October, 1990.
 - Graduate Student Colloquium, University of Oklahoma, October 1990.
- 10-12. "John Donne and Johannes Kepler: Doubting that New Philosophy Calls All in Doubt"
 - Project on the Rhetoric of Inquiry, University of Iowa, March, 1990.
 - History of Science Society, University of Florida, October, 1989.
 - Midwest Junto for the History of Science, April, 1989.
- 7-9. "The Progress of Lunar Theory in Swift's 'The Progress of Beauty'"
 - Department of Literature, Communications and Culture, Georgia Institute of Technology, March, 1990.
 - Midwest American Society for Eighteenth Century Studies, Notre Dame, October, 1988.
 - Society for Literature and Science, Worcester Polytechnic, October, 1987.
6. "Literature and Astronomy for All Ages" – Twin Cities Amateur Astronomers, Illinois State Univ., Feb., 1990.
- 2-5. "Whose Comet Is It Anyway? The Reception and Use of John Flamsteed's Cometary Theory and Data by Isaac Newton and Edmond Halley"
 - History of Science Colloquium, University of Oklahoma, March, 1991.
 - Program for Liberal Studies, Notre Dame, December 1989.
 - British and U.S. History of Science Societies, with SLS, Manchester, England, July, 1988.
 - Midwest Junto for the History of Science, April, 1987.
1. "History of Science and Literary History: Toward a Grand Unification Theory?"
 - Interdisciplinary Faculty Forum, Northwestern University, November, 1989.

GRANTS / FELLOWSHIPS, Awarded to Programs

Note: These items describe outside funds received by the School of Arts and Humanities in support of MaSH and MaSH-related programing (founded and developed by Dr. Gossin) as well as funding received by UT-Dallas's Science Education Dept. in support of the UTeach Program in which Dr. Gossin teaches)

3. **\$ 5 Million dollars:** State appropriation for the *Center for Values in Medicine, Science, and Technology*, awarded to School of Arts and Humanities, June, 2009.

As described by Dean Kratz, "the goal of the Center is to establish UT Dallas as a leader not only in pursuing the highest quality research but also in addressing the cultural and philosophic implications of developments in the sciences and technology." This appropriation builds upon the \$100,000 "seed money" the School of Arts and Humanities previously received from the Texas State Legislature to begin the process of establishing the Center, and which, in part, has been used to fund my duties as Director of the MaSH program.

2. **\$ 450,000:** Grant, to UTeach Program, Science Education Dept, University of Texas-Dallas, from Texas Instruments Foundation, September, 2009

This grant provides funding to support the hiring of additional "master teachers" for the National Math and Science Initiative's UTeach Program within UT-Dallas's Science Education program. As the designated instructor for the required "Perspectives on Science" course for this program over the next several years, I will be working in cooperation with these new instructors as they provide mentorship to our UTeach students and model STEM teaching methods for them. In recognition of this role, the co-director of UTeach, has appointed me as an Affiliate Professor of Science Education.

This latest funding is in addition to the previous award of \$2.4 Million dollars received by the UTeach program (see item 4 below) which has rapidly expanded in a few short semesters from a small initial cohort of students to over 200 who are now actively pursuing this teaching degree in Math and Science Education. For more information, see: < <http://www.utdallas.edu/uteach/> >

1. **\$2.4 Million dollars,** National Math and Science Initiative: UTeach Program in Science Education
Designated Instructor for *Perspectives on Science*: Prof. Pamela Gossin
Co-PIs: Drs. Mary Urquhart and Homer Montgomery
2008+

GRANTS / FELLOWSHIPS – Individual Awards and Proposals

26. *Across the Spectrum: The Interdisciplinary Life and Letters of John G. Neihardt (digital archive and website)*
Proposal for Two-semester Special Faculty Development Assignment (SFDA)
PI: Pamela Gossin
University of Texas-Dallas
2012 (for AY 2013-14) – Not funded.
25. *Word-Sending: The Collected Letters of John G. Neihardt*
Proposal for: Digital humanities interpretative narrative and archive
Plains Humanities Alliance, Digital Research in the Humanities Fellowship
\$ 6,500 research funds + \$20,600 cost-share for training, consulting and technical support
+ estimated \$400,000+ in website design, digital archival maintenance and preservation (20 years)
through the Center for Digital Research in the Humanities (CDRH) at Univ. Nebraska-Lincoln
2011-2013 (potential for renewal)

GRANTS / FELLOWSHIPS – Individual Awards and Proposals, continued:

24. *Unhidden Treasures: The Interdisciplinary Life and Vision of John G. Neihardt*
 Proposal for: Thatcher-Hoffman Creativity in Motion Prize
 PI: Pamela Gossin
 \$40,000
 Not funded.

23. *“Sharing the Quest, Expanding the Experiment: John G. Neihardt’s Interdisciplinary Vision of Poetics, Science and Philosophy in Action”*
 Proposal for: John Templeton Foundation
 PI: Pamela Gossin
 \$389,300 over 3 years, 2012- 2014
 Not funded.

22. *“Motivating Scientific Learning Through Historical Perspectives”*
 Proposal for: Improved Integration and Assessment of Innovative Teaching Strategies
 in Math and Science courses, GEMS – Gateways to Excellence in Math and Science
 Co-PIs: Greg Earle and Pamela Gossin
 National Science Foundation
 2010-2011
 \$10,000

21. *“A Shared Sense of the Universe: Rural Landscapes and Cosmic Spaces in Thomas Hardy and Some American Regional Writers”*
 Herbert C. Pollock Award for Research
 PI: Pamela Gossin
 Dudley Observatory
 2009 (for CY 2010)
 \$2,500 Prize

20. *Poetic Cosmologies: Astronomy and the Literary World-making of Donne, Swift, Swinburne and Hardy and/or Word-Sending: The Collected Letters of John G. Neihardt*
 Proposal for Two-semester Special Faculty Development Assignment (SFDA)
 PI: Pamela Gossin
 University of Texas-Dallas
 2008 (for AY 2009-10)
 Partial salary support and benefits

19. Endowed Professorship in Medical Humanities, \$177,000
 PI / Grant Writers: Pamela Gossin and Dena Jackson
 Alkek Foundation, Revised version
 2006-2007 / Not funded

18. Endowed Professorship in Medical Humanities, \$270,000
 PI / Grant Writers: Pamela Gossin and Dena Jackson
 Alkek Foundation
 2006-2007
 Not funded, revision suggested

GRANTS / FELLOWSHIPS – Individual Awards and Proposals, continued:

17. *Poetic Cosmologies: Astronomy, Gender and Literary World-making*
 Proposal for Two-semester Special Faculty Development Assignment (SFDA)
 PI: Pamela Gossin
 University of Texas-Dallas
 2007
 Not funded
16. *Poetic Cosmology: Astronomy, Gender and Literature, 1590-1990*
 Proposal for Two-semester Special Faculty Development Assignment (SFDA)
 PI: Pamela Gossin
 University of Texas-Dallas
 2006
 Not funded
15. “*Beneath the Stars*: research/writing; *Thomas Hardy’s Novel Universe*: camera-ready copy preparation”
 Proposal for Two-semester Special Faculty Development Assignment (SFDA)
 PI: Pamela Gossin
 University of Texas-Dallas
 2002
 Funded at 75% pay
14. “An Encyclopedia, Two Monographs and Grant Proposals for New Curricula”
 PI: Pamela Gossin
 Proposal for Two-semester Special Faculty Development Assignment (SFDA)
 to Enhance Research and Publication and Develop New Curricula and Teaching Resources
 University of Texas-Dallas
 2001
 Not funded
13. “Fast Forward,” National Public Science Education Program
 Scholar-Moderator: Pamela Gossin
 2000-2001
 All expenses paid training workshop, plus \$750.00 stipend.
12. *Beneath the Stars: A Literary History of Astronomy, Women and Poetics*
 PI: Pamela Gossin
 George A. and Eliza Gardner Howard Foundation
 Brown University
 1997-98
 \$20,000
11. *Beneath the Stars: A Literary History of Astronomy, Women and Poetics*
 PI: Pamela Gossin
 National Endowment for the Humanities
 Summer Research Stipend
 Summer, 1997
 \$4,000

GRANTS / FELLOWSHIPS – Individual Awards and Proposals, continued:

10. National Endowment for the Humanities -- Fellowships for University Teachers, 1995-96 and 1997 / Not funded
9. American Council of Learned Societies -- Fellowships, 1996 / Not funded
8. National Endowment for the Humanities -- Summer Fellowship, 1995-96
Proposal reviewed positively; program canceled due to lack of funds
7. *Beneath the Stars: A Literary History of Astronomy, Women and Poetics*
PI: Pamela Gossin
Dudley Observatory
Pollock-Dudley Research Award
1995
\$7,000
6. Course and Curriculum Improvement Award
PI: Pamela Gossin
University of Missouri- Rolla
1994-95
\$37,000 (declined award, resigned to accept UT-Dallas offer)
5. “‘The Centre Will Not Hold’: Cosmology from Copernicus to the Big Bang,”
Consulting Humanist: Pamela Gossin; Dr. Marilyn Ogilvie, PI, OU History of Science Collections
Oklahoma Foundation for the Humanities
January 1993-May, 1993
\$5,000
4. *Beneath the Stars: A Literary History of Astronomy, Women and Poetics*
PI: Pamela Gossin
Dudley Observatory, Pollock-Dudley Research Award
1993
\$6,000
3. Interdisciplinary Study of Astronomy and Literature
PI: Pamela Gossin
Rockefeller Foundation, Rockefeller Fellowship in Interdisciplinary Humanities
1990-91
\$25,000 + benefits
2. Javits – National Graduate Fellowship, 3 years funding
U.S. Dept of Education
1986-1988
3 years full tuition, plus \$16,000 stipend/per year
\$93,000 (total estimated value)
1. British Society for History of Science, NSF Travel Award
Recipient: Pamela Gossin
National Science Foundation
July-August, 1988
\$750.00

TEACHING:

TEACHING AWARDS, HONORS, RECOGNITION

- * *Chancellor's Council for Outstanding Teaching Award* * nominee, University of Texas system, 2008-09
- "Superior / Outstanding" teaching evaluations, Annual Performance Review, Dean of AH, 2004-2009
- * *Victor Worsfold Award for Outstanding Teaching* * School of Arts and Humanities, U.Texas-Dallas, 2004-2005
- Undergraduate Teaching Award, nominee, School of Arts and Humanities, 1998, 1999, 2000, 2001, 2003, 2004, 2005, 2009 (and other years, nominations not always made public)
- "Superior Teaching" evaluation, Dean's Merit Report, University of Texas-Dallas, 1997, 1998, 2002, 2003.
- "Excellent Teaching" rating, Pre-Tenure Review committee, University of Texas-Dallas, 1996-97.
- "Exceptional / Clearly Superior" Teaching evaluation, University of Oklahoma, 1992-93.
- Letter of Commendation for Teaching Excellence, Provost, Millikin University, 1990.

DOCTORAL ADVISEMENT / SUPERVISION

Service on **55 PhD committees**, to-date; **Chair or Co-Chair of 21**

MASTERS ADVISEMENT/ SUPERVISION

Service on **45 MA committees**, to date; as **Chair of 26**

SENIOR HONORS THESIS SUPERVISION/ADVISEMENT:

Service on **20 Honors committees**, to-date; **Chair of 13**

TEACHING, continued:

COURSES DESIGNED and TAUGHT, UT-DALLAS:

GRADUATE COURSES (28 different courses)

History/Philosophy of Science (surveys, “themes and ideas” classes):

- History of Science in Europe (HUHI 7387; ancient world to present)
- Women of Science in Literature & Film (HUHI7387)
- The Scientific Revolution in Cultural Context (HUHI 7368)
- Lives of Science and Medicine: Interdisciplinary Perspectives on the Scientific Revolution (HUHI 7387)
- Imagination and the Cosmos: Humanity, Nature and Science to the Age of Newton (HUHI 8303)
- Scientific Auto/biographies: Fictions and Histories (HUSL 6370)
- Scientific Auto/biography: Creativity and Genius in Science (HUSL 6308)
- Scientific Autobiography/Biography: Women’s Lives in Science and Medicine (HUHI 7387: 2 versions)

History/Philosophy of Science in Cultural Context; Literature and Science:

- Hardy, Darwin and Friends (HUSL 6312)
- 19th-c British Fiction and Darwin: Ideas of Inheritance, Heredity and Evolution (HUSL 6370)
- Literature and Science in 19th C. Britain (HUSL 6355)
- Literature and Science in 19th C. Britain (HUSL 6370, 2nd version)
- Concepts of Nature, Science, Medicine: Writing Nature / Human Nature (HUHI 7387)
- Literature, Science and Culture: The Book of Nature (HUSL 6355)
- Knowledge and Power: The Magus, the Scientist and the Poet, 1600-1800 (HUSL 6304)
- Literature, Science and Technology (Seminar prep, not yet taught)

Literary Studies (in Cultural and Historical Contexts, including environmental history):

- Origins of the Modern Novel: Classical Roots to Gothic Romance (HUSL 6308)
- Literature of Frontiers: From Epic to Science Fiction (HUSL 6308: Genre course)
- Great Plains Literature and Culture (HUSL 6370)
- Great Plains in Literature and Film (HUSL 6330)
- American Regional Novel: Wild, Wild West (HUSL 6308)
- American Regional Literature: Great Plains Lit and Culture (HUSL 6372)
- Modern British Literature: Romantics to Decadents (HUSL 6350)
- The Experimental Novel: Flaubert, Zola and Hardy (HUSL 6309)
- Victorian Literature and Culture (HUSL 6370)

Film Studies / New Media / Popular Culture and Science:

- Visual Narrative: The Anime Fantasy of Hayao Miyazaki (HUSL6330)
- Literature, Film, Anime (HUSL 6330 - Fantasy and Science Fiction)

TEACHING: COURSES DESIGNED AND TAUGHT, UT-Dallas, continued:

UNDERGRADUATE COURSES: (27 different courses)

History/Philosophy of Science (surveys, numerous sections)

- Science and Technology in Western Civilization (HIST 3337, Historical Studies core course)
- History of Science in Europe: The Scientific Revolution in Cultural Context (HIST 3344: Honors Seminar)
- History of Science in Europe (HST 3344; ancient world to present)

Medical and Scientific Humanities (numerous sections)

- Women of Science in Literature & Film (LIT 3334)
- Scientific and Medical Biography and Autobiography (LIT 3312; MaSH course)
- Women's Lives in Science and Medicine (LIT3312; 1st version)
- Chaos and Meaning (LIT 3312: HONORS seminar)
- Reading and Writing Texts: Nature, Science and Medicine (MaSH version; upper-division Humanities core course)

UTeach – Science Education Initiative (numerous sections)

- Perspectives on Science (HIST 3328: required course for UTeach Program in Science and Math Education)

History/Philosophy of Science in Cultural Context; Literature and Science:

- Literature of Science: Representations of Women in Science and Medicine (LIT3344)
- Literary Encounters with Science in 19th-c. Britain (LIT4348)
- Literature and Science in 19th-c Britain (LIT3319)
- Literature of the Scientific Revolution: 1590-1745 (LIT 3319)
- Scientific Autobiography/Biography: Women of Science (LIT 3312)
- Women's Lives in Science and Medicine (LIT3312; 2nd version)
- Auto/biographies: Creativity and Genius in Science (LIT3312)
- The Private Lives of Science (LIT 3312; 20th-c Life Sciences and Physics)

Interdisciplinary Humanities:

- Exploration of the Humanities: Life, the Universe and Everything (HUMA 1301: large Humanities core course)
- Reading and Writing of Texts: Natural Wonders (AH 3300: upper-division Humanities core course)
- Reading and Writing of Texts: Nature, Science, Medicine (AH 3300/HUMA3300: upper-division Hum.core course)
- Freshman Seminar in University Life (RHET 1101: lower division required course)

Literary Studies (in Cultural and Historical Contexts):

- Western Literary Tradition: Quest Literature from the *Odyssey* to *Star Trek* (LIT3300; core course)
- American Regional Novel: The Wild, Wild West (LIT 3312)
- Great Plains in Literature and Film (LIT4348)
- 19th-C British Literature: From Gothic to Science Fiction (LIT 3319)
- Realism and Naturalism: The Experimental Novel: Flaubert, Zola and Hardy (LIT 3344)
- Modern British Literature: Revolutionary Visions to World War II (LIT 3321: Romantics to Moderns)

Film Studies / New Media / Popular Culture and Science:

- Anime Fantasy of Hayao Miyazaki (LIT 3311: 90+ and Honors Seminar; co-taught w/Dr Marc Hairston)
- Science Fiction and Fantasy: The Art/Science of Anime and Manga (LIT 3311: 140; w/Dr. Marc Hairston)

TEACHING: COURSES DESIGNED AND TAUGHT, UT-Dallas, continued:

UNDERGRADUATE COURSES, continued:

Undergraduate Independent Study Courses, supervised:

Is the Literary Canon Necessary? (IS / Honors Thesis in LIT)
 Cato as Archetype of Citizenry (IS/ Honors Thesis in HIST)
 Natural History of Hetch-Hetchy (IS/Honors Thesis in HIST)
 Fatalism and Existential Philosophy in *Cowboy Bebop* (IS in LIT)
 Shanghai World Expo (IS in Lit); Gender and Power in *Sailor Moon* (IS in LIT)
 Detection in 19th and 20th-c Fiction (Independent study, Honors Thesis)
 William Blake's Cosmic Philosophy and Aesthetics
 Popular Science Writing (MaSH, Independent study course; multiple variations)
 Medical and Scientific Greek and Latin (MaSH, Independent study course)
 Medical and Scientific Humanities: Nature, Science and Medicine (MaSH; multiple iterations)

TEACHING – OTHER UNIVERSITIES:

Assistant Professor of English	University of Missouri-Rolla	Spr 1994
UG Seminar: Steam, Stars, and Strata: Literary Encounters with Science in 19th C. Britain		
Lower Div.: Argument and Exposition: Science and the Human Spirit (2 sections)		
Visiting Assistant Professor, History of Science	University of Oklahoma	1991-94
Graduate: Critical Analysis and Historiography in the History of Science		
Law, Literature and Science -- Masters of Liberal Studies Program		
Upper Div.: History of Science from Ancient times to Newton (multiple sections)		
History of Science Since Newton (multiple sections, including Honors)		
Assistant Professor of English/Adjunct	Millikin University	1989-90/1988
Upper Div.: Major English Authors I: Beowulf to 18th c.		
Major English Authors II: Blake to Virginia Woolf.		
Lower Div.: Composition (American literature, interdisciplinary themes, multiple sections)		
Teaching Assistant	University of Wisconsin	1985-89
The Scientific Revolution: Copernicus to Newton (Lindberg)	Intro to 19th C. Literature (Amer. and British)	
History of Ancient and Medieval Science (Lindberg)	Intro to 20th C. Literature (Amer. and British)	
History of Astronomy (Siegfried)		
Other: Freshman World Drama, University of Nebraska-Lincoln,		
English and American Literature; Greek and Latin Word Power, Lincoln Southeast High School		

ACADEMIC SERVICE – NATIONAL and INTERNATIONAL

PROFESSIONAL ORGANIZATIONS:

MODERN LANGUAGE ASSOCIATION

Peer Reviewer, PMLA, article, Hardy and Social Geometry, Summer, 2012

Peer Reviewer, PMLA, article, manga and autism, 2011-12.

Peer Reviewer, PMLA, special volume, *Literary Criticism for the Twenty-First Century* edited by Cathy Caruth (Emory) and Jonathan Culler (Cornell), 2008-09

MLA: DIVISION OF LITERATURE AND SCIENCE

Executive Committee, elected to 5 year term (2013-18), 2012

Chair, Executive Committee, 2003-04

Executive Committee, 5-year appointment, 2000-2004

Session Organizer, 2003-2004

HISTORY OF SCIENCE SOCIETY

Presenter: “Thomas Hardy’s Personal Construct Cosmology” in Nineteenth-Century Representation of Astronomy, November, 2004

Committee on Research and the Profession (CORP), 1996-98.

Session Organizer:

“Style and Contention: Literary History and Rhetoric in the History of Science”(proposed, 1997)

“Humor, Literature and Science,” November 1993.

“Science, History and Poetics in Early Modern Europe,” October 1991.

“Science in Literature,” October 1989.

SOCIETY FOR LITERATURE AND SCIENCE AND THE ARTS (SLSA; FORMERLY, SLS)

Program/Local Arrangements Committee (pending), Dallas meeting, 2014

Panel: “Teaching in the Age of New Media,” for 2012

Session Organizer:

“The Tech and Techne of Anime and Manga,” 2004

“Anime Adventures,” 2003

Nominating Committee, 2000

Program Committee, 1999 and 1993

Chair of Program Committee, 1992

Executive Committee, At-Large Post, 1992-94

Nominee: Vice-President, 1991

Membership Representative, 1987+

ACADEMIC SERVICE – NATIONAL and INTERNATIONAL, continued:

EDITORIAL WORK / GRANT PROPOSAL REVIEW:

Editorial Board, *Mechademia*, journal of Japanese Animation and Manga, University of Minnesota, 2007+

Grant Proposal Review, National Science Foundation, Science and Society Program, 2006

Editorial Board, *Women in Science* series, Harwood Academic Publishers.

Associated Scholar, History of Science Department, University of Oklahoma.

PEER REVIEW AND EVALUATION: Journals, scholarly volumes, presses:

- article, peer review, Hardy and Social Geometry, *PMLA*, 2012
- article, peer review, Hardy and Telescopic Horror in *Two on a Tower*, *Thomas Hardy Review*, 2012
- article, peer review, autism and manga, *PMLA*, 2012
- article, editorial review, *Mechademia*, vol. 7, 2011
- article, peer review, Hardy's Tess and History, for *CLIO*, 2011
- book manuscript, Literature and Science anthology, Pearson Publishing, 2010
- editing, article on anime and literary theory, for *Mechademia*, 2010.
- article for *The Thomas Hardy Review*, "The Woodlanders and Archaeoastronomy," 2009-10
- article for special issue of *PMLA*, *Literary Criticism for the Twenty-First Century*, 2008-09
- book manuscript, *Thomas Hardy and Archaeology*, Ashgate Publishing, 2008
- multiple submissions, *Mechademia*, 2008+
- journal article, "A Brave New Era? Humanity in Neon Genesis Evangelion" *Mechademia* 3, 2007
- journal article, anime series, *Haibene Renmei*, *Mechademia* 1, 2006
- book manuscript, popular physics, Ashgate Publishing, 2005.
- journal article for special issue, "Science Fiction and Literary Studies: The Next Millennium," *PMLA*, 2002
- book manuscript, archaeology and anthropology in Thomas Hardy, Ashgate Publishing, 2001.
- book manuscript, *The Book of the Cosmos*, anthology of cosmological writings, Oxford University Press, 1998.
- book manuscript, collective biography of Victorian women scientists, Harwood Academic Pub, 1998.
- book manuscript, *Pulp Science: Race, Gender and Prediction*, Columbia University Press, 1998.
- journal article, Swift's satiric treatment of Newtonian ether, *Perspectives on Science*, 1997.
- book manuscript, biography of biologist, Alice Boring, Gordon and Breach, 1997.
- book manuscript, *Profiles of Pioneering Women in Science: Astronomers*, Gordon and Breach, 1996.
- article for edited volume, philosophy of time, International Society for the Study of Time, 1996.
- book manuscript, *Pioneering Women of Physics*, Gordon and Breach, Fall, 1995.
- Dudley Research Award. Evaluated and ranked research proposals for 1994 competition.
- journal article, natural philosophy of M. Cavendish, *Configurations: J. of Lit., Science and Technology*, 1993.
- book manuscript, *Word of God, Languages of Man*, Literature and Science Series, U. Wisconsin Press, 1993.
- article for edited volume on ancient religion, science, Pascal Centre--Studies in Science, Religion, 1993.

UNIVERSITY SERVICE:

UNIVERSITY OF TEXAS-DALLAS: CURRENT

Founder and Director, Medical and Scientific Humanities (MaSH minor), 2001+
Advisor and Curriculum Developer, Medical and Scientific Humanities Minor, Major, Masters, 1999+
Steering Committee, Science and Mathematics Education, UTeach Program, 2008+

Ad Hoc Tenure/Promotion Committee, Prof. Monica Rankin, Historical Studies, 2012-13
Ad Hoc Tenure/Promotion Committee, Prof. Nikki Hanegan, Science/Math Education, 2012-13

Gavin Hambly Scholarship Committee, 2012-13
Community Outreach Historical Studies Subcommittee, 2012+

NSF-ADVANCE GRANT, Women in Science Working Group, 2012+
STEAM Working Group, 2012+
Center for Values in Medicine, Science and Technology Working Group, 2011+

UNIVERSITY OF TEXAS-DALLAS: PAST SERVICE

A&H Faculty Personnel Peer Review Committee, 2010-12
 Committee on Teaching Effectiveness, 2008+
 A&H Faculty Personnel Review Committee, 2006-08
 School of A&H Library and Teaching Resources Committee, 2006-07
 Dean's Executive Committee, Dean of Arts and Humanities, 2004-2006
 SACS Accreditation Committee, Literary faculty credentials, 2006
 Graduate Studies Committee, A&H, 2004-2006
 University Library Committee, 2006+
 Internal Review Board (research on animal and human subjects), member, 2005+; vice-chair, 2004-2005

Search Committees:

- History and Philosophy of Technology, 2011-12 (no offer made)
- Early Modern British Literature Search Committee, 2008-09
- Early Modern British Literature, 2007-08 (no offer made)
- Film Studies, 2007+
- Chinese History, 2006+
- Early Modern British Literature, 2006-07
- Classics, 2005-06
- Medical and Scientific Humanities, 2005-06
- University Fellows, 3 positions
- American Women's History
- American History & Teachers Education
- Humanities, Senior Lecturers, 3 positions

Tenure Review Committees:

Dr. Edrie Sobstyl, 2002-2003
 Dr. Homer Montgomery (reassigned), 2003
 Dr. Daniel Wickberg, 2001

UNIVERSITY OF TEXAS-DALLAS: PAST SERVICE, continued:

3rd Year Review Committees:

Historical Studies / Philosophy of Science, Prof. Matt Brown, 2011-12
 Literary Studies / Rhetoric Program, John Gooch, 2010-11
 Historical Studies, Prof. Michelle Nickerson, 2008-09
 Historical Studies, Prof. Natalie Ring, 2006-07
 Social Sciences, Dr. Doug Harris, 2001

Faculty Sponsor, *Retrospect* (graduate student journal), 2006+
 Faculty Sponsor, Literary Studies Society, 2006+ (early-stage development)

Ad Hoc Committee for Revision of AH By-laws, 2004-05
 Gender Studies Program Faculty
 Medical and Scientific Humanities Minor Proposal, 1999-2001
 Sigma Xi, Scientific Honorary, 1999+

Dean's Task Force for Teachers Education
 Advisor, Teachers Education Students seeking Certification in History, 1998-99
 Advisor: Historical Studies majors with Teachers certificate
 Central Faculty Advisor, Undergraduate Studies, 1996-97
 Associate Director, Center for the Study of Science and the Arts, 1994-96

University Committee on Educational Policy (CEP)

School of Arts and Humanities:

Course and Curriculum Committee
 Library Committee
 Development Committee
 Teaching Committee
 Nominating Committee
 Faculty Personnel Committee

Supervisor: Teaching Assistants / Research Assistant.
 Advisor: Graduate Student Handbook project
 Presenter: Graduate Student Association Job Fair
 Social Study of Science Reading Group
 Gender Studies Working Group
 Association of Professional Women
 New Faculty Advising Orientation
 Faculty revision of course catalogs, every two years
 SACS Assessment: LIT, HIST and HUMA core

UNIVERSITY SERVICE, continued:

OTHER UNIVERSITIES

University of Missouri-Rolla (now Missouri University of Science and Technology): 1993-94

Director, Literature and Science Minor program

Graduate Faculty

Departmental Curriculum Committee

Student Affairs Committee

Course and Curriculum Improvement

Faculty evaluation of Departmental Chair

Outreach: Lit and Sci Bibliography -- BYU Faculty

Annual Faculty Peer Review of Teaching Portfolios

Intercultural Community Development Workshop

English Department Advisory Board

Personnel Committee

Supervisor: Work-Study Students

University of Oklahoma: 1990-1994

Graduate Faculty

Masters Thesis Committee

Supervisor: 4 Graduate Teaching Assistants

Undergraduate Curriculum Reform Proposal

Faculty Sponsor: OU Student Study Group

Judge: Oklahoma History Day

Interdisciplinary Faculty Workshops (monthly)

Millikin University: 1988-1990

Literature and Science--Student Workshop

Faculty WAC Workshop--William Zinsser

Adviser: Interdisciplinary Honors Students

Organizer: Conant Writing Competition

Career Counseling for Potential Graduate Students

Supervisor: Secondary Education Intern

Supervisor: Work-Study Students

Participant: New Faculty Mentoring Program

COMMUNITY SERVICE

Faculty Sponsor, GIRL SCOUTS ON CAMPUS, 2011+

Faculty Sponsor, UNICEF at UTD, 2010+

STEM Liaison (Science, Technology, Engineering and Math) for Girl Scouts of Western Oklahoma,
Thunderbird Service Unit, 2009-2011

Girl Scouts of America, Leader, Cadette Troop 209, 2010-2013

Girl Scouts of America, Leader, Junior Troop 209, 2008-2010

Girl Scouts of America, Leader, Brownie Troop 209, 2007-2008

Girl Scouts of American, Assistant Leader, Brownie Troop 209, 2005-2007

Volunteer: March of Dimes, 2004-2006

American Diabetes Association, 1995-2003

Callier Angel Gift Tree (UTD), 1994-2003

Special Needs Adoption Resource Group, 1998-2001

Elementary School, Volunteer, 1998-2002

Elementary and Middle School, special events volunteer, 2003+

Faculty Sponsor: Student Group, 1996-98; Habitat for Humanity, 1996

OTHER EXPERIENCE

Editorial work: Knoll, Robert E. *Weldon Kees and the Midcentury Generation...*, Lincoln: UNP, 1986.

Bibliographic work, Princeton University: Zimmerberg, Helen ed, *Cyclic AMP Bibliography*, Squibb.

Staff of *Alicorn*, undergraduate literary magazine, University of Nebraska.

Poetry editor, *Runes*, student literary magazine, Lincoln, Nebraska.

Curator / Asst Curator, Nebraska Literature and History Collection, Lincoln Public Libraries.

Library Assistant: Microforms, Periodicals, and Audio. Love Memorial Library, University of Nebraska.

University of Wisconsin: Organizer: Graduate Student Conference Workshop; George Sarton Grad. Student Society.

University of Nebraska: Grade Appeals Committee, Classics Department.