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EDUCATION

Ph.D. *English Literature*	Rutgers University	1989
M.A. *English Literature*	Rutgers University	1982
M.A. *Zoology*	Southern Illinois University	1983
B.Sc. *Biology*	McGill University	1977

EMPLOYMENT HISTORY

UNC Charlotte:

Professor, Department of English	2013-
Director, Humanities, Technology, & Science (HTAS).	2017-
Associate Professor, Department of English	2002-2013
Affiliated position in History (2003-)	
Affiliated position in Women's Studies (2005-)	
Director of Graduate Liberal Studies	2005-2008

Georgia Institute of Technology:

Interim Chair School of Literature, Communication, and Culture (LCC)	1999-2000
Associate Chair LCC Georgia Institute of Technology	1997-99
Associate Professor LCC	1995-2002
Coordinator Program in Science, Technology, & Culture (STAC)	1993-1996
Assistant Professor LCC - Georgia Tech	1989-95

North Carolina State University

Visiting Assoc. Professor English Dept.,	1996-97

Emory University

Visiting Assistant Professor	1994

Rutgers University

Program Director - Center for the Critical Analysis of Contemporary Culture	1988-89
Teaching/Res. Asst.	1980-86
Consultant Educational Testing Service	1983
Teaching/Res. Asst. Southern Illinois University	1977-79

PUBLICATIONS

Books

Dolphin. Reaktion Press/U. Chicago, 2014.

England in 1815. A Critical Edition of 'The Journal of Joseph Ballard.' Alan Rauch, Ed. Palgrave MacMillan. December, 2009.

Useful Knowledge: The Victorians, Morality, and the March of Intellect, Duke University Press, 2001. [Choice Outstanding Academic Book, 2001]

The Mummy!: A Tale of the Twenty- Second Century (1827), by Jane Webb Loudon, Ann Arbor, MI: University of Michigan Press, 1994.

One Culture: Essays in Science and Literature. George Levine, Ed., Alan Rauch, Asst. Editor. Madison: University of Wisconsin Press, 1987.

Essays, and Articles

"Death as a Sacrament in Kingsley's *Water-Babies*." In Jonathan Conlin and Jan Marten Ivo Klaver (eds.), *Charles Kingsley: Faith, Flesh, and Fantasy.* Routledge Studies in Cultural History. (Forthcoming)

"The Sukotyro: On the Extinction of a Nonexistent Animal," *Configurations,* Vol. 28 (1) 2020: 51-88.

"Ocean of Whales and Dolphins," *RISE: A Children's Literacy Journal*. Spring/Summer 2017.

"Science and Literature." *Blackwell Encyclopedia of Victorian Literature*. Dino Felluga, Linda Hughes, and Pamela Gilbert, Eds. London, 2015.

"*Ecce Emendator*: The Cost of Knowledge for Scholarly Editors," *Chronicle of Higher Education*, [https://chroniclevitae.com/news/285-ecce-emendator-the-cost-of-knowledge-for-scholarly-editors].

"Scholarly Publishing: Hindsight Toward a Digital Future.",*J. of Scholarly Publishing*, Vol. 42, Number 1 / October 2010, 56-67.

"The Pupil of Nature: Science and Natural Theology in Maria Hack's "Harry Beaufoy." Laurence Talairach-Vielmas, Ed., *Science in the Nursery*, Cambridge: Cambridge Scholars Press, 2011. Pp. 60-90.

"The Sins of Sloths: The Giant Ground Sloth as a Paleontological Parable," *Victorian Animal Dreams*, Deborah Morse, Martin Danahay, Eds. Aldershot: Ashgate Press, 2007. Pp. 215-228.

"Mentoria: Women, Children, and the Structures of Science." *Nineteenth Century Contexts*, Volume 27, Number 4, Number 4/December 2005, pp. 335-351.

" The Lacunae of Science: Observing the Unobserved in the Practices of Knowledge." *Interdisciplinary Science Reviews*, Volume 28, Number 3, September 2003, pp. 209-216.

"Victorian Poetry and Science." In *The Blackwell Companion to Victorian Poetry*, ed. Richard Cronin, Antony Harrison, and Alison Chapman. London: Blackwell, 2002.

"Cetacean Culture: Resisting Myths and Addressing Lacunae." *Behavioral and Brain Sciences*, 2001 Vol. 24 (2): 352-353.

"Parables and Parodies: Mrs. Gatty's Interpretations of Nature," *Children's Literature* (Yale University Press), edited by Mitzi Myers and U. C. Knoepflemacher, Vol. 25 (1997):137-152.

Forum on Interdisciplinarity. *PMLA*, March 1996: 273-274.

"Looking for Home: Canada and the Major Leagues," in William Humber and John St. James, eds. All I Thought about was Baseball" Writings on a Canadian Pastime. Toronto: U. Toronto Press, 1996. 246-249.

"The Monstrous Body of Knowledge in Mary Shelley's Frankenstein." *Studies in Romanticism*, Vol. 34. (Summer, 1995): 227-253.

"The Tailor Transformed: The Notion of Change in Charles Kingsley's *Alton Locke*." *Studies in the Novel*, Summer 1993, Vol. 25(2): 196-213.

"'Preparing the Rising Generation'; Romanticism and Sir Richard Phillips's 'Juvenile Library."' *Nineteenth-Century Contexts*, 1991, Vol 15 (1): 3-27.

"A World of Faith on a Foundation of Science: Science and Religion in British Children's Literature, 1761-1878." *Children's Literature Association Quarterly*, Spring 1989, Vol. 14 (1): 13-19.

"Bruce Springsteen and the Dramatic Monologue." *American Studies*, Vol. xxix (1), Spring 1988: 29-49.

In Preparation

Sloth. London: Reaktion Books, ms in preparation.

Private Reading: Public Knowledge: Private Subscription Libraries and the Dissemination of Knowledge in the Nineteenth Century, ms in preparation.

"'Power in Likeness of the Arve': Humean Probability in Shelley's 'Mont Blanc."'

"A Life in Evolution: Charles Darwin's *Autobiography*."

'Send me ANNIHILATION as Soon as You Can': The Making of David Brewster's *Edinburgh Encyclopaedia*.

Reviews & Non-Refereed Publications

Review of *The Usefulness of Useless Knowledge*, by Abraham Flexner and Robert Dijkgraaf. *Canadian Association of University Teachers Bulletin*, Vol. 64, (10), 2017, pp. 8-9.

Review of "Belzoni: The Giant Archaeologists Love to Hate," by Ivor Noël Hume. *Charlotte Observer; Raleigh News & Observer,* Sunday, Feb. 12, 2012.

Review of "Young Romantics: The Tangled Lives of English Poetry's Greatest Generation, " by Daisy Hay. *Charlotte Observer; Raleigh News & Observer,* Sunday, August 1, 2010.

"A Lovely Meditation on Whales," Review of Peter Hoare's *The Whale: In Search of Giants of the Sea*. *Charlotte Observer, Raleigh News & Observer*, April 18, 2010.

"The Pleasures of Reading Aloud." Letter - *Chronicle of Higher Education*. 7/24/2009, Vol. 55 Issue 42, pB18.

"The Romantics Meet True Forces of Nature. " Review of *The Age of Wonder* by Richard Holmes. *The Charlotte Observer*, September 13, 2009, p. 3E

Review of *Jane Goodall: The Woman Who Redefined Man*, by Dale Peterson. Houghton Mifflin. 672 pages. *The Charlotte Observer Online*.

FELLOWSHIPS & GRANTS

- Mellon Fellowship – Library Company of Philadelphia 2019
- Everett Helm Visiting Fellowship- Lilly Library, Indiana University 2019
- Chancellor's Diversity Grant, "Jewish Identity & the Graphic Novel," UNCC, 2008-09
- Gilder Lehrman Institute of American Studies Fellowship, *New York Public Library*, New York, 2007
- Noel Foundation, *James Noel Smith Collection*, Shreveport, LA 2007
- Boston Athenæum Bicentenary Fellow, Boston 2006
- Franklin Fellowship, American Philosophical Society, Philadelphia, 2005
- Trent Dames Fellow in the History of Civil Engineering, *Huntington Library*, 2003-04
- Centre for Research in the Arts, Social Sciences, and Humanities, Fellow, *Cambridge University*, 2003
- C. P. Snow Fellowship, *Harry Ransom Research Center*, University of Texas, 2002
- Georgia Tech Foundation - Grant to study Brougham Collection at University College, London, 1995
- Ball Brothers Foundation Fellowship -*Lilly Library*, Indiana University, 1994
- Faculty Enrichment Grant - *Canadian Government*, 1992-93
- Fellowship for College and University Teachers, *National Endowment for the Humanities* 1992-93
- Advanced Institute in the Humanities, *University of Edinburgh*, Fellow, 1992
- Lilly Teaching Fellowship - *Lilly Foundation* / Georgia Tech, 1990
- History of Science Conference Grant *American Association for the Advancement of Science* 1988
- FCAR Grant - Fonds pour la formation de chercheurs et l'aide à la récherche, Québec, 1987-89
- Center for the Critical Analysis of Contemporary Culture - *Rutgers*. Fellow, 1986
- Canada Council Fellowship. 1983-1984;1984-1985;1985-1986
- Graduate Fellowship *Smithsonian Institution* 1985

HONORS & PROFESSIONAL RECOGNITION

- Award for Integration of Undergraduate Teaching & Research – Finalist 2020
- Sigma Tau Delta, Award for Excellent Service 2019
- Office of Disability Services Accessibility Excellence Award for Outstanding Faculty/Staff. 2019
- Phi Kappa Phi (ΦΚΦ) Honor Society 2018
- EGSA Professor of the Year 2012
- Magical Mentor Award 2008
- Phi Beta Delta, International Honor Society, UNC Charlotte, 2004
- Omicron Delta Kappa National Leadership Honor Society, Friend of the Student Award, 2002
- Outstanding Faculty Member of the Year, Student Government Association. 1996
- Golden Key National Honor Society - Appointed Honorary Member, 1991
- Louis Bevier Fellowship, Rutgers University, 1987-88

PROFESSIONAL RESPONSIBILITIES, & DEVELOPMENT

PMLA ADVISORY BOARD 2019-22

BALDWIN LIBRARY SCHOLARS COUNCIL, The Baldwin Library of Historical Children's Literature at The University of Florida 2014 -

EDITOR - *Configurations: A Journal of Literature, Science, and Technology* 2001-10
Johns Hopkins University Press (Member of Founding Editors)

PRESIDENT, *Council of Editors of Learned Journals (CELJ) – 2012-2015*

BOOK SERIES EDITOR, "Intersections in Literature and Science," University of Wales Press, 2008-2017

EDITORIAL BOARD, "Intersections in Literature and Science," University of Wales Press, 2017-

PRESIDENT, *Society for Literature, Science, and the Arts (SLSA) – 2009-2010.*

ADVISORY BOARD, *Penn State University Press –Animalibus: Of Animals and Cultures,* a series edited by Nigel Rothfels and Garry Marvin – *2011-2016*

PLANNER/ORGANIZER

REITERATIONS -22nd Annual Meeting of the Society for Literature, Science, and the Arts, Charlotte, NC- Nov. 2008 "Visualization in the World"–Symposium Planning Committee.

Charlotte Center for Visualization (College of Computing and Informatics, UNC Charlotte), April 24-25, 2008

FACULTY ASSOCIATE

Center for Professional and Applied Ethics –UNC Charlotte. Faculty Associate, 2006-
Charlotte Visualization Center – UNC Charlotte, Faculty 2005-
Women's Studies Program – UNC Charlotte, Faculty 2004-
Cognitive Studies Program – UNC Charlotte, Faculty 2003-

FACULTY TRAINING

"Printing, Publishing, and Consuming Texts in Britain and Its Empire, 1770-1919," Rare Book School, University of Virginia (Summer, 2002), with Professor Simon Eliot.

SENCER Summer Institute, Santa Clara, 2005. University delegate to help develop programs dealing with Science Education for Civic Engagement and Responsibilities.

TEACHING EXPERIENCE

Literature:
The Bible as Literature
The British Novel
British Woman Writers
The Victorian Novel
British Romantic Poetry
British Literature Survey II
Second Generation Romantics
Independent Study: "Fiction Writing"
Canadian Literature & Culture
Regency Culture
Dickens & his Circle Bicentenary Seminar
The Making of the Victorians (Graduate Seminar)
The Victorians and the Natural World

Science Studies:
Writers in the Age of Darwin
Science, Technology, and Gender
Evolution and the Industrial Age
Intro to Literature and Science
Practices of Knowledge (Senior Seminar)

Animal Studies:
Dolphins, Dinosaurs & the Literary Imagination
Animals in Culture & Society (Graduate Seminar)
The Use of Animals
Animals, Culture, & Society (Undergraduate)

Book History:
History of the Book: From Print to Pixel

Children's Literature & The Graphic Novel:
Juvenile Literature (Graduate)
Children's Literature & Cultural Ideology
Children's Literature: Practice & Theory
Jewish Identity & the Graphic Novel

Charlotte Teachers Institute (CTI):
Animals, Culture, & Society
Science, Technology, and Culture

Technical/Professional Communication & Writing:
Freshman Composition
Composition and Reading
Technical Communication
Advanced Technical Communication
Rhetoric of Technical Narratives
Scientific & Technical Writing
Analysis of Scientific Discourse
The Creature Speaks: Rhetoric of Science
Communication for Science & Research

Zoology:
Introduction to Zoology
Field Lab in Zoology

PROFESSIONAL AND HONOR SOCIETIES

American Association for the Advancement of Science
American Association of University Professors
American Cetacean Society
American Library Association
American Print History Association
Association for Eighteenth-Century Studies
Association for the Study of Literature and Environment
Bibliographical Society
British Association for Victorian Studies
British Society for Literature and Science
Children's Literature Association
Canadian Association of University Teachers (CAUT)
History of Science Society
Modern Language Association
NAVSA (North American Victorian Studies Association)
North American Society for Studies in Romanticism (NASSR)
OΔK–Honor Society - Georgia Tech
Sigma Tau Delta
Sigma Xi Research Society
Society for the History of Authorship, Reading, and Publishing (SHARP)
Society for the History of Natural History
Society for the History of Technology (SHOT)
Society for Literature, Science, & the Arts

LANGUAGES AND SKILLS

French, Hebrew
Illustration & graphic design
Electronic and desktop page design, layout