

Margaret D. Garber

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ACADEMIC SPECIALTIES

Early Modern History of Science, Early Modern History of Medicine, History of Scientific Societies, History of the Body, Early Modern European History

ACADEMIC EMPLOYMENT

- 2009-present **Associate Professor**, History of Science, Department of Liberal Studies, California State University Fullerton, 2009-present.
- 2003-2009 **Assistant Professor**, History of Science, Department of Liberal Studies, California State University Fullerton, 2003-2009.

EDUCATION

- 2002 **Ph. D. in History of Science**, University California San Diego.
- 1996 **M.A. in History of Science/Science Studies**, University of California, San Diego.
- 1992 **B.A. in History**, University of California, San Diego, (Provost's Honors).
- 1980 **B.A in Biology**, University of California, Santa Cruz, (Dean's Honors).

RESEARCH AWARDS, PRIZES, AND FELLOWSHIPS

- 2012 **Senior Intramural Research Award**, California State University Fullerton.
- 2012 **Milton A. Gordon Faculty Research and Creativity Award**, California State University Fullerton.
- 2010 **Dibner Research Fellowship in the History of Science and Technology**, (long-term) The Huntington Library, San Marino California, (Sabbatical leave).
- 2008 **Faculty Development International Travel Funds**, California State University, Fullerton.

ARTICLES and BOOK CHAPTERS (Peer Reviewed)

“Chymical Curiosities and Trusted Testimonials in the Journal of the *Leopoldina Academy of Curiosi*,” *Bridging Traditions: Alchemy, Chemistry, and Paracelsian Practices in the Early Modern Era: Essays in Honor of Allen G. Debus* ed. Bruce Moran and Karen Parshall (Kirksville MO: Truman State University Press, 2015) 79 -100.

“Transitioning from Transubstantiation to Transmutation: Catholic anxieties over chymical matter theory at the University of Prague” in *Chymists and Chymistry: Studies in the History of Alchemy and Early Chemistry* ed. Lawrence Principe (Sagamore Beach, MA: Science History Publications, 2007) 63-76.

“Chymical Wonders of Light: J. Marcus Marci’s Seventeenth-Century Bohemian Optics” *Early Science and Medicine*, Vol. X (Nov, 2005) 4:478-509.

“Con or craft: Defending chrysopoeia in a late seventeenth-century journal” *Cultural and Social History*, 3 (2005) 3: 264-272.

ESSAY REVIEW (peer-reviewed)

“Untwisting the Greene Lyon’s Tale” *Historical Studies in the Natural Sciences* 39 (Fall 2009) 4: 491-500.

BOOK REVIEWS

“Review of *The Secrets of Alchemy* by Lawrence M. Principe.” *Early Science and Medicine* Volume XVIII (2013) 6: 571-73.

“Review of *Atoms and Alchemy. Chymistry and the Experimental Origins of the Scientific Revolution* by William R. Newman.” *ISIS* 98 (June 2007) 2: 389-90.

“Inheriting the Winds: *Reading the Skies: A Cultural History of English Weather, (1650-1820)*, by Vladimir Jankovic.” *Metascience*, 11 (March, 2002) 1:78-81

WORKS IN PROGRESS

“The Role of Journals in Early Chemical Medicine” in *Alchemy and Medicine from Antiquity to the Enlightenment* ed. Jennifer M. Rampling and Peter M. Jones (Ashgate in negotiations) (submitted).

“Exotic Medicine: Chymistry and Medical Curiosities in the Leopoldina Academy of Curiosi” (Book Project).

INVITED TALKS AND COLLOQUIA

“The Heat of Healing: The Reception of Moxa in a Late Seventeenth-century German Medical Journal” Globalizing Chinese Medicine in the 17th Century: ‘Translation’ at Work” Brown University, Providence RI, October, 2014. (Invited)

“The Academy of Curiosi: Chemical Correspondence & Other Curiosities in the Holy Roman Empire (1650-1700).” Colloquia Series for History of Science and History of Medicine, Johns Hopkins University, September 2012

CONFERENCE PRESENTATIONS

“Communicating Chemical Secrets and Expertise in the seventeenth-century Holy Roman Empire” Center for the History, Philosophy of Science, Technology and Medicine, California State University Fullerton, March 7, 2013.

“Adapting the Adept: Appropriating Alchemical Expertise: Material and Social Practices in the late seventeenth-century Academy of Curiosi.” History of Science Society Annual Meeting, San Diego, California, November 2012

Chair and Discussant, panel: **“Beyond Transmutation: The Goals of Early Modern Alchemy,”** Three Societies Meeting (History of Science Society; British/Canadian Society for the History of Science; University of Pennsylvania, Philadelphia, PA, July 2012.

“Circulating the Secrets of the Alkahest within the Miscellany of Curiosities.”

Alchemy & Medicine from Antiquity to the Enlightenment, University of Cambridge, Dept. of History & Phil of Science, Cambridge, England, September, 2011.

“Curious Commodities: Routes of chymical exchange in the Holy Roman Empire (1670- 1700).” Alchemy and Economies, Circulations of Value Conference, Huntington Library, San Marino, CA., September, 2010

“Social Alchemy in Late Renaissance German Territories.” Renaissance Society of America, Los Angeles, CA, March, 2009.

“The Crucible in the Caduceus: The Role of Alchemy in the First Society of Physicians in the German and Bohemian Territories.” International Conference on *Chymia: Science and Nature in Early Modern Europe (1450-1750)*, El Escorial, Spain, September 2008.

“Terror and Fantasy: Generating facts of “monstrous” births in the journal of the Academy of the Investigators of Nature (1670-1700).” History of Science Society Annual Meeting, Vancouver, November 2006 (session organizer).

“Transitioning from Transubstantiation to Transmutation: Catholic anxieties over chymical matter theory at the University of Prague.” International Conference on the History of Alchemy and Chymistry, Philadelphia, Pennsylvania, July 2006.

“The Chymistry of the Heavens: Governing the Skies of Renaissance Brussels.” Renaissance Society of America, San Francisco, March 2006.

“Con or craft: *chrysopoeia* in a late seventeenth century journal” conference on “Charlatanism in the Age of Reason,” Prato, Italy, September 2004.

“Experimental Truths and Social Consequences in Late Seventeenth-Century Alchemy.” History of Science Society Annual Meeting, Cambridge, Mass., November 2003 (session organizer).

CONFERENCE SESSIONS CHAIRED AND/OR DISCUSSANT:

Chair and Discussant, panel: **“Beyond Transmutation: The Goals of Early Modern Alchemy,”** Three Societies Meeting (History of Science Society; British Society for the History of Science; Canadian Society for the History and Philosophy of Science), University of Pennsylvania, Philadelphia, PA, July 2012.

Chair, panel on: **“Exchange and Trans-Oceanic Links,”** Science at the Boundaries Series, Dibner History of Science Program, Huntington Library, San Marino, April, 2011.

Chair, panel on: **“Science Histories across Time and Space,”** Science and its Histories Conference, Dibner History of Science Program, Huntington Library, San Marino, September, 2010.

Chair, panel on: **“The Body and Spirit of Gender and Sexuality,”** Renaissance Society Conference of Southern California, The Huntington Library, February 2008.

Commentator, panel on **“Archeus in Machina: That Other Mechanical Philosophy,”** History of Science Society Annual Meeting, Washington, D.C., November 2007.

OTHER SPEAKING ENGAGEMENTS AND MEDIA EVENTS

“Communicating Chemical Secrets and Expertise in the seventeenth-century Holy Roman Empire” Center for the History, Philosophy of Science, Technology and Medicine, California State University Fullerton, March 7, 2013.

“The Real Sorcerer’s Stone,” Interview for PBS *The History Channel*, October 2006.

TEACHING

LBST 300 “Introduction to Liberal Studies: Interdisciplinary Course on Mind/Body intersections”

LBST 301 “Inquiry and Composition in Liberal Studies: The Culture and Chemistry of Love”

LBST 302A “History of Science and Social Thought from Ancient Greece to the Renaissance”

LBST 302B “History of Science from Early Modern to the Nineteenth Century”

LBST 304 “Science in the Modern World”

HIST/LBST 331 “History of Science from Copernicus to the Present”

LBST 482 “Interdisciplinary Research Seminar”

LBST 489 “Seminar in Gender & Science.

DEPARTMENTAL AND UNIVERSITY SERVICE

2013-2015 College of H& SS Faculty Awards Committee (Chair)

2014-2015 Department Curriculum Committee

2013-2015 Department Scholarship & Awards Committee

2012-2014 Department Personnel Committee

2012-2014 Department Commencement Committee

2012-2013 College of H&SS Faculty Hearing Panel

2011-2012 Department of Liberal Studies Curriculum Committee

Department Personnel Committee (Spring only)

2010-2011 Sabbatical leave

2010 Internal Reviewer: Program Performance Review, European Studies Program,

2009-2010 Department of Liberal Studies: Personnel Committee

2007-2009 College of H& SS Faculty Awards Committee

2005-2007 College of H&SS Students Scholarship & Awards Committee

2003-2009 Department of Liberal Studies: Assessment Committee

PROFESSIONAL and COMMUNITY SERVICE

2013-2015 Executive committee Forum for the History of Chemical Sciences
(FoHCS)

2010-2011 Dibner Fellow History of Science Program, conference committee

2009 National Science Foundation Reviewer for Grant in History of Science

2009 Fall: Reviewer for Wellcome Trust History of Medicine Fellowship

2007 National Science Foundation: Reviewer for Grant in History of Science.

2006 History of Alchemy interview for documentary on *The History Channel*.

PROFESSIONAL AFFILIATIONS

History of Science Society (HSS)

Forum for the History of Chemical Sciences (FoHCS)

Renaissance Society of America (RSA)

CSUF Center for the History & Philosophy of Science, Technology & Medicine
(CHPSTM)

Chemical Heritage Foundation (CHF)

Commission for the History of Meteorology (CHM)