

PAOLA BERTUCCI

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CURRENT POSITION

2008- Assistant Professor of History of Science and Medicine, Yale University

WORK IN PROGRESS

- *Jean Antoine Nollet: Science, Secrecy and Spectacle in Enlightenment France* (book project)
- “Architecture of Knowledge: the Tarsia Museum and scientific culture in 18th-century Naples” in *A new cultural history of Naples*, eds. Melissa Calaresu, Helen Hills
- “A woman in the Académie: Mariangela Ardinghelli’s gendered public sphere”
- “Shocking Bodies: Electricity, Gender and Spectacle in the Eighteenth Century”
- “Earthquakes and Enlightenment: controlling the convulsing body of the earth in the Age of Reform”
- “Physics for the Princes: Jean Antoine Nollet at Versailles” to be published in the catalogue of the exhibition *Sciences et curiosités à la Cour de Versailles*, Chateau de Versailles, 2010

EDUCATION

2001 DPhil in History of Science, University of Oxford
1997 MSc in "History of Science: Instruments, Museums, Science, Technology",
University of Oxford
1996 Post-graduate course in the History of Science, University of Florence
1994 Laurea (Bachelor’s degree) *summa cum laude* in Physics, Department of
Physics, University of Bologna

RESEARCH FELLOWSHIPS

2008-09 Dibner post-doctoral fellowship in the History of Science, Huntington Library,
San Marino, CA (declined)
2006-08 Post-doctoral fellow, Philosophy Department, University of Bologna
2007 [Jun-Sept] Visiting Scholar, Centre de recherche en histoire des sciences et
techniques, Cité des Sciences et de l’Industrie, Paris
2001-2006 Research Fellow in History of Science, International Center for the History of
Science and Universities (CIS), Philosophy Department, University of Bologna
2005 [Oct] Bakken Museum and Library Fellowship, Minneapolis
2003 [Feb-May] Visiting Scholar, Science, Technology and Society Program, Stanford
University
[Aug] Visiting Scholar, Office for the History of Science and Technology, University
of California, Berkeley

- 1999 [Sept] Library Research Fellow, American Philosophical Society, Philadelphia
[Oct] Bakken Museum and Library Fellowship, Minneapolis

PRIZES AND AWARDS

- 2006 Marco Polo Grant for research abroad, University of Bologna
2003 Marco Polo Grant for research abroad, University of Bologna
2002 Grant for young researchers, University of Bologna
1999 Science Faculty Award for Post-graduate study abroad, University of Bologna
1998 Bryce Studentship from the Modern History Faculty, University of Oxford
Somerville College Graduate Scholarship, University of Oxford
1997 British Academy Graduate Award
Wolfson College Graduate Award, Oxford
1996 Prize for best senior essay on the history of physics from the Academy of Science "detta dei XL", Rome

TEACHING APPOINTMENTS

- 2005/06 Lecturer, Faculty of Design and Arts, Department of Industrial Design, IUAV University, Venice
2002-05 Lecturer, Philosophy Department, University of Bologna

PUBLICATIONS

Books:

- 2007 *Viaggio nel paese delle meraviglie. Scienza e curiosità nell'Italia del Settecento* [A journey in wonderland. Science and curiosity in eighteenth-century Italy]. Torino: Bollati Boringhieri
2001 *Electric bodies. Episodes in the history of medical electricity* (co-edited with Giuliano Pancaldi), Bologna: CIS, University of Bologna

Forthcoming:

“Architecture of knowledge: the Tarsia Museum and the display of natural knowledge in 18th-century Naples”, in Helen Hills, Melissa Calaresu (eds.), *A new cultural history of Naples*

“The spectacle of science” and “Science in the household” in Filippo Camerota ed., *Galileo Museum. The scientific collections of the Medici and the Lorena families*, Florence: Giunti, 2010 (submitted)

“Conversazioni elettrizzanti: la scienza come gioco nei salotti e nelle corti”, in Beatrice Alfonsetti, Roberta Turchi (eds.), *Spazi e tempi del gioco nel Settecento*, Edizioni di scienza e letteratura (in press)

“Scintille e Trinità: filosofia naturale e teologia nel Settecento inglese”, in S. Ferrari, G. P. Romagnani (eds.), *Illuminismo e Protestantesimo*, Milan, Angeli, 2009 (in press)

“Una matrona nella Repubblica delle Lettere. Clelia Grillo Borromeo e la socialità scientifica del primo Settecento”, in *Clelia Grillo Borromeo Arese* (eds. Andrea Spiriti, Dario Generali) (submitted)

Articles or book chapters:

- 2009 “Enlightening Towers: Public Opinion, Local Authorities and the Reformation of Meteorology in Eighteenth Century Italy”, in *Playing with Fire: The cultural History of the Lightning Rod*, P. Heering, O. Hochadel, D. Rhees (eds.), Philadelphia: The American Philosophical Society, 2009
- 2008 “Domestic Spectacles: electrical demonstrations between business and conversation”, in Christine Blondel, Bernadette Bensaude-Vincent (eds.), *Science and Spectacle in the European Enlightenment*, Aldershot: Ashgate
- 2007 “Therapeutic attractions: early applications of electricity to the art of healing” in H.A. Whitaker, C.U.M. Smith, S. Finger (eds.) *Brain, Mind and Medicine: Essays in Eighteenth-Century Neuroscience*, Boton: Springer, pp. 271-84
- 2007 “Sparks in the dark: the attraction of electricity in the eighteenth century”, *Endeavour*, **31**, 88-93
- 2006 “Revealing Sparks. John Wesley and the religious utility of electrical healing”, *British Journal for the History of Science*, **39**, 341-62
- 2006 “Back from Wonderland: Jean Antoine Nollet’s Italian Tour (1749)”, in L. Evans, A. Marr (eds.), *Curiosity and Wonder from the Renaissance to the Enlightenment*, Aldershot: Ashgate, pp. 193-211
- 2006 “Public utility and spectacular display: the Physics Cabinet of the Royal Museum in Florence”, *Nuncius*, **21**, 323-36
- 2006 “Cure prodigiose e meraviglie elettrizzanti: il duello filosofico tra l’abbé Nollet e Gianfrancesco Pivati” in P. Govoni (ed.), *Storia, scienza e società. Ricerche sulla scienza italiana di età moderna*, Bologna Studies in History of Science, **11**, 47-70
- 2005 “Sparkling Controversy. Jean Antoine Nollet and medical electricity south of the Alps”, *Nuncius*, **20**, 153-187
- 2005 “Promethean Sparks. Electricity and the order of nature in the eighteenth century”, in S. Zielinski, S. Wagnermaier (eds.), *Variantology1. Diverse Historical Approaches Towards an Archaeology of Media, Technology and the Arts*, Cologne: Walther König, pp. 41-56
- 2003 “The Shocking Bag: Medical Electricity in Mid-Eighteenth-Century London” in *Nuova Voltiana. Studies on Volta and his Times*, **5**, 31-42; also in F.

Bevilacqua, E. Giannetto (eds.), *Volta and the History of Electricity*, Milano: Hoepli, pp. 155-166

- 2003 “La biblioteca di Tiberio Cavallo (1749-1809)”, *I Castelli di Yale. Quaderni di Filosofia*, **6**, 71-85.
- 2001 “A philosophical business: Edward Nairne and the Patent Medical Electrical Machine (1782)”, *History of Technology*, **23**, 41-58.
- 2001 “The electrical body of knowledge: medical electricity and experimental philosophy in the mid-eighteenth century”, in P. Bertucci, G. Pancaldi (eds.), *Electric Bodies. Episodes in the history of medical electricity*, Bologna: CIS, Dipartimento di Filosofia, pp. 43-68
- 1999 “Medical and animal electricity in the work of Tiberius Cavallo”, in Marco Bresadola e Giuliano Pancaldi (eds.), *Luigi Galvani International Workshop. Proceedings*, Bologna Studies in the History of science, **7**, 147-166.
- 1998 “Coulomb's torsion balance and the replication of historical experiments”, *La lettre de la Maison Française d'Oxford*, **9**, 114-16.

Reviews for *Isis*, *British Journal for the History of Science*, *Historical Studies in the Physical and Biological Sciences*, *Ambix*, *Nuncius*.

Entries in Dictionaries/Encyclopaedias:

“Cavallo, Tiberius”, “Lane, Timothy” in *Oxford Dictionary of National Biography*. Oxford, Oxford University Press, 2004

“Aldrovandi, Ulisse”, *Encyclopaedia of Life Sciences*, John Wiley & Sons, Ltd: Chichester <http://www.els.net/> [doi: 10.1038/npg.els.0002347]

INVITED SPEAKER

University College London (May 2010)
Barnard College, New York (Oct. 29, 2009)
University of Saskatchewan, Canada (Oct. 23, 2009)
University of Cambridge, UK (Sept. 26, 2009)
Museum of Contemporary Art, Chicago (Sept.12, 2009)
University of Bergamo, Italy (June 4, 2009)
Université de Genève, Switzerland (Apr. 12, 2009)
Stanford Humanities Center, Stanford University
Centre for seventeenth- and eighteenth-century studies, UCLA
Bakken Museum and Library, Minneapolis
Modern History Faculty, University of Oxford, UK
Maison Française d'Oxford, Oxford, UK
Royal Institution, London, UK
History and Philosophy of Science Department, University of Leeds, UK
Centre de recherche en histoire des sciences et des techniques, Cité des Sciences et de l'Industrie, Paris, France

Royal Academy of Science, Amsterdam, The Netherlands
Universitat Autònoma, Barcelona, Spain
Academy of Arts and the Media, Cologne, Germany
Centre de recherche sur l'intermédialité, Université du Québec à Montréal
Italian Institute of Culture, Montreal
Department of Biological Sciences, University of Ferrara, Italy
Department of Mathematics, University of Turin, Italy
Department of Philosophy, University of Milan, Italy
Accademia degli Agiati, Rovereto, Italy

PROFESSIONAL SERVICE

2005-08 Book Review Editor of *Nuncius. Journal of the History of Science*
2005- Member of the editorial board of *Nuncius. Journal of the History of Science*
2006 Member of the scientific committee, conference "Electricity and life", Cité des sciences et de l'industrie, Paris
2001 Co-organizer, workshop: "Electric Bodies: Episodes in the history of medical electricity", University of Bologna (June)

Referee for: *William and Mary Quarterly*, *Medical History*, *Minerva*, *Nuncius*

MUSEUM WORK

2004-2007 Institute and Museum of the History of Science, Florence: Member of the scientific committee working on the renovation and reorganization of the Museum's permanent exhibitions
2004 Institute and Museum of the History of Science, Florence: Curator of the exhibition: *Cycling through time* [<http://brunelleschi.imss.fi.it/biciclette>]
1999 Museum of the History of Science, Oxford: Inventory of Islamic astrolabes
1998 Museum of the History of Science, Oxford: Curator of the student-exhibition: "Fire and Art: electrical practice in the eighteenth-century "

POPULAR HISTORY OF SCIENCE

2006 Interview for "In search of the real Frankenstein", a History Channel documentary
2003 ebook: *Laura Bassi, Miscellanea* (with Marta Cavazza)
http://www.cis.unibo.it/cis13b/bsco3/intro_opera.asp?id_opera=31

COURSES TAUGHT AT YALE

Undergraduate:

"Science and Spectacle in the Enlightenment" (Junior Seminar, Fall 2008, Spring 2010)
"The making of modern science, 1400-1800" (Lecture Course, Spring 2008, Fall 2009)

Graduate seminars:

"Science and Travel –Renaissance to the Enlightenment" (Fall 2008)
"Introduction to the History of Science" (Spring 2009)
"Problems in History of Science" (Spring 2010)

“Methods for the Social Studies of Science, Technology, Medicine” (Fall 2009)
“Science and Spectacle in the Enlightenment” (Spring 2010)