

ACADEMIC CURRICULUM VITAE

MARIA RENTETZI

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CURRENT POSITION

ASSOCIATE PROFESSOR (2012-) in *Sociology and History of Science and Technology*
National Technical University of Athens

EDUCATION

- ✓ **Ph.D.**, Interdisciplinary program in Science and Technology Studies, Virginia Polytechnic Institute and State University, 2003
Committee. advisor: Pr. Richard Burian, Virginia Tech, members: Aristides Baltas (NTUA), Gary Downey (VT), Bernice Hausman (VT), Joseph Pitt (VT), Peter Galison (Harvard University))
- ✓ **M.A.**, Department of Philosophy, Virginia Polytechnic Institute and State University, 2002
- ✓ **M.A.**, Program in History and Philosophy of Science and Technology, National Technical University of Athens, Greece, 1996
- ✓ **Certification** in Women's Studies Summer School, University of Utrecht, The Netherlands, 1991.
- ✓ **B.Sc.**, Department of Physics, Aristotelian University of Thessaloniki, Greece, 1991

ACADEMIC EMPLOYMENT

2009-2012	ASSISTANT PROFESSOR ¹ in <i>Sociology of Science</i> , (tenured) Department of Humanities, Social Sciences and Law, Faculty of Applied Mathematics and Physical Sciences, National Technical University of Athens.
2006-2009	ASSISTANT PROFESSOR in <i>Sociology of Science</i> , (non tenured) Department of Humanities, Social Sciences and Law, Faculty of Applied Mathematics and Physical Sciences, National Technical University of Athens.
2004-2013	ASSOCIATE LECTURER , Undergraduate Program of European Culture Studies, Faculty of Humanities, Hellenic Open University

¹ According to the Greek law one must wait at least three years in the rank of a non-tenured assistant professor before she applies for tenure.

2004-2005	ADJUNCT LECTURER , in four different Greek universities, (National and Kapodistrian University of Athens, University of Thessaloniki, University of Aegean, University of Thessaly).
1997-2000	TEACHING ASSISTANT , Program in Science and Technology Studies, Virginia Tech
2002-2003	

AWARDS

- ✓ **Honorific mention** from the International Union of the History and Philosophy of Science, Division of History of Science and Technology (IUHPS/DHST), 2004. The prize carried a stipend that covered the travel expenses to participate and receive the award during the Union's conference in Beijing, China, 2005.
- ✓ **Outstanding Dissertation Award** in Social Sciences, Virginia Tech. The prize carried a stipend of \$1,000, 2003.
- ✓ **Gutenberg e-Prize**, American Historical Association (AHA). The prize included the publication of my revised dissertation as an electronic book by Columbia University Press and a stipend of \$ 20,000, 2003.

CONSULTANT OF THE IAEA

Invited as consultant on issues of history of science and technology at the International Atomic Energy Association (IAEA), Division of Human Health for one week. The aim of the invitation was to consult the director of the Division of Human Health and the director of the Dosimetry Laboratory on historical issues in order to prepare a historic overview of the development of the IAEA activities in dosimetry over the last 50 years as well as on how to open up their laboratory to the society. IAEA Headquarters in Vienna, October 10-14, 2011.

VISITING AND RESEARCH APPOINTMENTS

- ✓ **Visiting Scholar**, Max Planck Institute for the History of Science, Berlin, Germany. The last decade I have been invited to the Institute as a visiting scholar for at least two months each year, keeping close connections to Departments II (Pr. Hans-Jörg Rheinberger), III (Pr. Loraine Daston) and recently Department I (Pr. Jurgen Renn).
- ✓ **Mellon Learning Associate**, invited at Bates College, U.S. for the first week of May to present my work on technologies of tobacco processing and the socio-history of radium in medicine, to contribute in teaching, and advise students. Founded by the Mellon Foundation, May 2011.
- ✓ **Visiting Scholar**, Institut für Wissenschafts und Technikforschung, University of Bielefeld, May 2012.
- ✓ **Postdoctoral Research Fellow**, Aristotelian University of Thessaloniki, Greece, 2004-2005.

- ✓ **Postdoctoral Research Fellow**, Max Planck Institute for the History of Science, Berlin, Germany, 2003.

ACADEMIC ADMINISTRATION

- ✓ Assistant Director of the Department of Humanities, Social Sciences, and Law to the Assembly of the Faculty of Applied Mathematics and Physical Sciences, National Technical University of Athens, 2013-2015
- ✓ Representative of the Department of Humanities, Social Sciences, and Law to the Assembly of the Faculty of Applied Mathematics and Physical Sciences, National Technical University of Athens, 2010-2013
- ✓ Vice-president of the Commission Women and Gender in Science, Technology, and Medicine, International Union of the History and Philosophy of Science, Division of History of Science and Technology (IUHPS/DHST), 2009-2013
- ✓ Project co-leader of the IKYDA (IKY-DAAD) program between the Greek State Scholarships Foundation and the Max Planck Institute for the History of Science in Berlin, 2009-2011
- ✓ Director of Studies of the European Inter-university Association on Society, Science, and Technology (ESST), <http://www.esst.eu>, 2008-2009
- ✓ Secretary of the Commission Women in Science, Technology, and Medicine, International Union of the History and Philosophy of Science, Division of History of Science and Technology (IUHPS/DHST), 2005-2009
- ✓ Committee member for the Revision of the Faculty's Undergraduate Curriculum. Faculty of Applied Mathematics and Physical Sciences, National Technical University of Athens, 2010
- ✓ Committee member for Reviewing Candidates for the EU Research Project Pythagoras, National Technical University of Athens, 2010

PROFESSIONAL ORGANIZATIONS AND ACTIVITIES

Research projects and memberships

- ✓ IKYDA, exchange and research program between the German Academy of Sciences (DAAD) and the Greek State Scholarships Foundation (IKY), project co-leader, awarded for two years 2009-2011.
- ✓ Member of the advisory committee of the program HELENA: Higher Education Leading to Engineering and Scientific Careers, (2008-2011), a collaborative program of seven European universities and of 930,433.00 euro budget.
- ✓ Member of the advisory committee of the program entitled *Österreichische Kernforschung (1900-1960): Im Spannungsfeld von internationaler Kooperation und Konkurrenz* and directed by Univ.-Prof. Dr. Carola Sachse, Institut für Zeitgeschichte, Universität Wien (2007-2011).
- ✓ Member of the advisory committee of the research project "Pythagoras", entitled "Inquiry of the Strategies for Using Logical-mathematical Concepts in

- Education,” University of Thessaly, coordinator: Associate Professor Anna Chronaki (2004-2007)
- ✓ Faculty Member of the International Master of Arts Program- European Inter-university Association on Society, Science, and Technology (ESST) Specialization: “Gender and the Physical Sciences.” (2007-)
 - ✓ Member of the International Union of the History and Philosophy of Science, Division of History of Science and Technology (IUHPS/DHST)

LANGUAGES

Greek (native speaker)
English (very good in all levels)
German, French, and Spanish (reading ability)

MEDIA

Interviewed by Ilse Huber and featured in “Radiokolleg - Verdammte Strahlkraft,” 31 August 2011, 9:30 a.m., Geschichte des Umgangs mit Radioaktivität, *Österreichischer Rundfunk*, (ÖRF)

SPECIAL TEACHING INVITATIONS

November 2011

- ***Gender in Science and Technology Studies***, block seminar, Institut für Wissenschafts und Technikforschung, University of Bielefeld, Germany

May 2011

- ***Technology and Tobacco Work in 20th century Greece***, graduate seminar, Mellon Learning Associate visit, Department of Politics and Women and Gender Studies Program, Bates College. Funded by the Mellon Foundation

February 2011

- ***Gender in the History of Science***, graduate seminar, Centre d'Història de la Ciència, Departament de Filosofia, Facultat de Ciències - Universitat Autònoma de Barcelona

March 2010

- ***Gender in the History of Science, Technology, and Medicine***, block seminar, Institut Für Soziologie, RTWH in Aachen, Germany

PUBLICATIONS (IN ENGLISH)

MONOGRAPHS

1. *Trafficking Materials and Gendered Experimental Practices: Radium Research in Early Twentieth Century Vienna*, (e-book, 2007, <http://www.gutenberg-e.org/rentetzi>) (New York: **Columbia University Press**, hardcover 2008). The book has received 23 books reviews in international journals, please see the list below)
2. *Radium Economies in Early Twentieth Century U.S.* (New Haven: **Yale University Press**, under contract, 2013)
3. *The Architecture of Radioactivity* (**Edition Open Access**, Max Planck Research Library for the History and Development of Knowledge, in process)

SPECIAL JOURNAL VOLUMES

1. *Beyond the Academy: Histories of Knowledge and Gender* edited by Maria Rentetzi, Christine von Oertzen and Elizabeth Watkins, ***Centaurus: An International Journal of the History of Science and its Cultural Aspects***, (second volume in 2013) "Finding Science in Surprising Places: Gender and the Geography of Scientific Knowledge" (introduction).
2. "Historiographical Perspectives on Networking in Physical Sciences," ***Centaurus: An International Journal of the History of Science and its Cultural Aspects***, edited by Rentetzi, Maria and Sally Gregory Kohlstedt. 51 (2009). "Introduction: Gender and Networking in Physical Sciences" *Centaurus*, (2009) 51: 5-11.

ARTICLES (in refereed journals)

1. "Packaging Radium, Selling Science: Boxes, Bottles and Other Mundane Things in the World of Science" ***Annals of Science***, 68, no 3 (2011): 375-399.
2. " 'Reactor is Critical': Introducing Nuclear Research in Postwar Greece" ***Archives Internationales d' Histoire des Sciences***, 60, no164 (2010):137-154.
3. "Genre, politique et radioactivite: le cas de Vienne la rouge" ***Travail, Genre et Sociétés***, (in French), 23 (2010): 127-146.
4. "The Tobacco Museum of the City of Kavala" Exhibit review, ***Technology and Culture***, 2009, 50, no 3 (2009): 649-657.
5. "Gender, Science, and Politics: Queen Frederika and Nuclear Science in Postwar Greece" ***Centaurus***, 51 (2009):63-87.
6. "The U.S. Radium Industry: Industrial in-house Research and the Commercialization of Science" ***Minerva***, 46, no 4 (2008): 437-462.
7. "Configuring Identities through Industrial Architecture and Urban Planning: Greek Tobacco Warehouses in Late Nineteenth and Early Twentieth Century" ***Science Studies***, (special volume) Simon Guy & Albena Yaneva (eds) *Understanding Architecture, Accounting Society*, 21, no 1 (2008): 64-81.

8. "The Metaphorical Conception of Scientific Explanation: Rereading Mary Hesse" *Journal for General Philosophy*, 36, no 2 (2005): 377-391.
9. "Designing (for) a New Scientific Discipline: The Location and Architecture of the Institut für Radiumforschung in Early 20th Century Vienna" *British Journal for the History of Science*, 38, 3 (2005): 275-306.
10. "From Cambridge to Vienna: The Scintillation Counter in Female Hands" *Nuncius: Annali di Storia della Scienza*, 2 (2004):675-689.
11. "Gender, Politics, and Radioactivity Research in Interwar Vienna: The Case of the Institute for Radium Research" *Isis*, 95 (2004):359-393.
12. "The City as a Context of Scientific Activity: Creating the *Mediziner-Viertel* in *fin-de-siècle* Vienna" *Endeavour*, 28, no 1 (2004): 39-44.
13. "From Technological Design to Political Technology of the Body: The Case of Radium Dial Painters" *Women's History Magazine*, 48 (2004):4-12.
14. "Women Physicists in the Institute for Radium Research in Vienna, 1920-1938: A Statistical Report," *Soziale Technik*, 2 (2001): 9-12. (republished by PCNEWS, 81 (February 2001): 15-17).

BOOK CHAPTERS

1. "Box" in Safia Azzouni, Christina Brandt, Bernd Gausemeier, Julia Kursell, Henning Schmidgen, and Barbara Wittmann (eds.) *A Natural History of the 21st Century for Hans-Joerg Rheinberger*, 36-38, (Berlin: Max Planck Institute for the History of Science, 2011).
2. "Berta Karlik" in Livia Simon Sarkadi (ed) *European Women in Chemistry*. 161-164. (Weinheim: Wiley-VCH Verlag, 2011).
3. "Stephania Horovitz" in Livia Simon Sarkadi (ed) *European Women in Chemistry*. 75-80. (Weinheim: Wiley-VCH Verlag, 2011).
4. " 'I want to look like a woman not like a factory worker'; Rose Rand: a Woman Philosopher of the Vienna Circle", in M. Dorato, M. Rédei, M. Suárez (eds), *European Philosophy of Science 2007*, vol 1: 233-244 General Philosophy and Methodology of Science, (Dordrecht: Springer, 2010).
5. "Trafficking Materials in Tin Boxes, Glass Bottles, and Lead Cases: Radium in Early Twentieth Century Science, Medicine, and Commerce" in Viola Balz, Alexander Schwerin, Heiko Stoff, and Bettina Wahrig (eds.) *Precaious Matters: The History of Dangerous and Endangered Substances in the 19th and 20th Centuries*, 99-112, (Berlin: Max Planck Institute for the History of Science, Preprint 356, 2008).
6. "'Scientist in the Picture' Such As 'Artist in the Picture'" in Anastasia Lada (ed.) *The Picture of Scientist in Greece, 1900-1980*, 113-138, (Thessaloniki: Aristotelian University Press and Thessaloniki Museum of Photography , 2007, in English and Greek).
7. "Tobacco Warehouse: a Lost Culture" in Kamilo Nolla (ed.) *Kapnomagaza (Tobacco Warehouses)*, 18-39 (Athens: Scandinavian Tobacco Hellas and Kastaniotis Press, 2007, in French, English, and Greek).

8. "Gender and Radioactivity Research in Vienna, 1910-1938" in Sonia Strbanova, Ida Stamhuis, and Katerina Mojsejova (eds), *Women Scholars and Institutions*, 611-638 (Prague: Proceedings of the International Conference Women Scholars and Institutions, Commission Women in Science of the IUHPS/DHST, 2004).
9. "Introduction in Women Pioneers in Radioactivity Research" in Sonia Strbanova, Ida Stamhuis, and Katerina Mojsejova (eds), *Women Scholars and Institutions*, 581-589 (Prague: Proceedings of the International Conference: Women Scholars and Institutions, Commission Women in Science of the IUHPS/DHST, 2004).
10. "Women Radium Dial Painters as Experimental Subjects or What Counts as Human Experimentation," in Volker Roelcke and Giovanni Maio (eds.) *Twentieth Century Ethics of Human Subjects Research: Historical Perspectives on Values, Practices, and Regulations*, 275-291 (Stuttgart: Steiner, 2004). (republished in *Internationale Zeitschrift für Geschichte und Ethik der Naturwissenschaften, Technik und Medizin-NTM*, 12 (2004):233-248).
11. "Feminist Epistemology: How a Case Study From History of Science Undermines Harding's Standpoint Theory" in Arno Bammé., Guenter Getzinger, and Bernhard Wieser, (eds.) *Yearbook 2002 of the Institute for Advanced Studies on Science, Technology and Society*, 103-119 (Munich: Profil. 2002).

BOOK REVIEWS

1. "Evocative Objects, Inner Histories and the Love Stories of the 'Bricoleur' " (co-authored with Spyros Petrounakos) review essay of Turkle, Sherry. *Evocative Objects: Things We Think With*. (MA: MIT Press, 2011); Turkle, Sherry *The Inner History of Devices* (MA: MIT Press, 2011); Turkle, Sherry. *Falling for Science: Objects in Mind* (MA: MIT Press, 2011), **ICON** (in press)
2. Michael Gorman. *Trading Zones and Interactional Expertise: Creating New Kinds of Collaboration*. (Cambridge, MA: The MIT Press, 2010), *Isis* 103(3), (2012): 623-624.
3. Christine von Oertzen, *The Pleasure of a Surplus Income: Part-Time Work, Gender Politics, and Social Change in West Germany, 1955-1969* (New York: Berghahn Book, 2006) reviewed in **Aspasia: The International Yearbook of Central, Eastern, and Southeastern European Women's and Gender History**, 4 (2010): 211-213.
4. Valeria Babini and Simili Raffaella (eds.) *More Than Pupils: Italian Women in Science at the Turn of the 20th Century*, (Firenze: Leo S. Olschki (Biblioteca Di Nuncius) Studi e Testi LXIII, 2007) reviewed in **History and Philosophy of the Life Sciences**, 29 (2007): 517-518.
5. Margaret Weitekamp, *Right Stuff, Wrong Sex: America's First Women in Space Program* (Baltimore: The Johns Hopkins University, 2004) reviewed in **Annals of Science: The History of Science and Technology**, 63, 3 (2006): 383-385.
6. Nina Lerman, Ruth Oldenziel, and Arwen Mohun, *Gender and Technology: a Reader*, (The John Hopkins University Press, 2003) reviewed in **Sehepunkte**,

- Resensionsjournal für die Geschichtswissenschaften* 5, no 10, (15.10.2005) URL <http://www.sehepunkte.historicum.net/2005/10/5820.html>
7. Ross Mullner, *Deadly Glow: The Radium Dial Worker Tragedy*, (Washington: American Public Health Association, 1999) reviewed in *Science, Technology, and Human Values*, Winter, 26, no 1 (2001): 106-8.
 8. Peter Galison, *Image and Logic: A Material Culture of Microphysics*, (Chicago: University of Chicago Press, 1997) reviewed in *The British Journal for the History of Science*, 33 no 3 (2000): 369-371.

BOOK REVIEWS OF

Trafficking Materials and Gendered Experimental Practices: Radium Research in Early Twentieth Century Vienna. New York: Columbia University Press, 2007.

IN ENGLISH

- ✓ "Gender and Physics" *Newsletter of the International Union of the History and Philosophy of Science/DHST*, 2008, 5:6.
- ✓ Badash, Lawrence. *Annals of Science*, available on line, it will appear in the forthcoming issue.
- ✓ Baeyer, Hans Christian von. *Physics in Perspective*, 2010, 12:110-112
- ✓ Beyler, Richard. "Viennese Emanations" in *H-Net Review (H-German)*, December 2009 <http://www.h-net.org/reviews/showrev.php?id=25817>
- ✓ Bischof, Brigitte. *Ambix*, 2010, 57(1): 115-6.
- ✓ Boudia, Soraya. *Isis*, 2010, 101: 668-669.
- ✓ Buklijas, Tatiana. "Science and Gender in a Transforming City" in *H-Net Reviews in Humanities and Social Sciences*, January 2010 <http://www.h-net.org/reviews/showrev.php?id=25381>
- ✓ Coen, Deborah. *Austrian History Yearbook*, 2010, 41:281-283.
- ✓ Fengler, Silke. *Zeitschrift Technikgeschichte*, 2010, 1: 64-67
- ✓ Fischer, A. A. "Women, Science and a New Medium" *Austrian Studies Newsletter*, 22(1): 2010.
- ✓ Forstner, Christian. *Berichte zur Wissenschaftsgeschichte*, 2010, 33: 220-221.
- ✓ Hamilton, Vivien. *Spontaneous Generations: A Journal for the History and Philosophy of Science*, 2009, 3(1) <http://spontaneousgenerations.library.utoronto.ca/index.php/SpontaneousGenerations/article/viewPDFInterstitial/11315/8211>
- ✓ Hughes, Jeff. *Physics in Perspective*, 2009, 11(3): 348-350.
- ✓ Kelly, Laura. *Gender and History*, 2010, 22(2): 488-489.
- ✓ Kuleff, Ivelin. *Chemistry*, 2008, 17(5): 392-402.
- ✓ Lubenau, Joel. *Journal of Health Physics*, 2010, 99(1): 89.
- ✓ Lykknes, Annette. *Centaurus*, 2010, 52(2): 168-170.
- ✓ Mould, Richard. *Nowotwory, Journal of Oncology*, 2010, 60(1): 36-37.
- ✓ Richmond, Marsha. *Journal of the History of Biology*, 2009, 42: 613-616.

- ✓ Santesmasses, Maria Jesus. *Historical Studies in the Natural Sciences*, 2010, 40(3): 409-418.
- ✓ Svansson, Artur. *The History of Oceanography Newsletter* annual vol. 2009, 21: 45-50.
- ✓ von Schwerin, Alexander. *NTM: International Journal of History and Ethics of Natural Sciences, Technology and Medicine*, 17 (2009): 98-100.

IN GREEK

- ✓ Tolia, Mariana. "Science, Politics and Gender" *Eleftherotipia*, 20/9/2008: 13

PUBLICATIONS (IN GREEK)

EDITED BOOKS

- ✓ *The Gender of Technology and the Technology of Gender*, (Athens: Ekkremes Press, 2012)
- ✓ *The Space of the Scientific Laboratory, 16th -20th century: Architectural and Sociological Perspectives*, (Iraklio: Crete University Press, 2010) (3 book reviews)

ARTICLES (in refereed journals)

- ✓ "Constructing High Energy Physics in Postwar Greece: The Greek Atomic Energy Commission and the Center for Nuclear Research Democritus" *Neusis: Journal for the History and Philosophy of Science and Technology*, 18 (2009): 88-110.
- ✓ "When Science and Politics are Intertwined: Queen Frederika, the Nuclear Research Center Democritus, and the Postwar Greece" *Contemporary Issues [Synchrona Themata]* 104 (2009):53-62.
- ✓ "Invisible Female Technicians in the Greek Nuclear Research Center Democritus" *Kritiki* 6 (2008): 47-69.
- ✓ "Mapping the History of Women in the Sciences", *Contemporary Issues [Synchrona Themata]*, 94 (September 2006):50-61.
- ✓ "Gender and the Physical Sciences: Educational Strategies for Undermining Gender Stereotypes", *Themes in Education [Themata stin Ekpaideusi]* 7, no 1 (2006):97-120. republished in *Issues of Theory of the Natural Sciences*, Skordoulis, K. 2008, pp. 129-150, Athens: Topos. Republished also in *History, Philosophy, and Didactics of Natural Sciences*, Skordoulis, K and Nikolaidis Th. 2005, pp. 122-126, Athens: Greek Letters.
- ✓ " 'Radium Girls': The Political Technology of the Female Body in the USA in the 1920s" *Dini* (special volume), Martha Michailidou and Alexandra Halkia (eds.), *Social Body*, Athens, 2005, 86-113.
- ✓ "Gender in Science and Technology: An Introduction" *Pyrforos*, 7 (2003): 109-111.

- ✓ “A Description and an Evaluation of an Experiment: Teaching History of Science in a Private Elementary and High School,” **Contemporary Education** [*Synchrone Ekpaideusi*] 98 (1998): 45-53.
- ✓ “The Role of Teaching History of Science in High School”, **Contemporary Education** [*Synchrone Ekpaideusi*] 94 (1997): 79-82.

BOOK CHAPTERS

- ✓ “Importing the ‘Peaceful Atom’ into Postwar Greece: The Establishment of the Center for Nuclear Science Research Democritus” in G. Vlahakis and P. Filntisis (eds.) *Forms and Ideas: The Attractive Trip of Physics in Time and Space*, Athens: Association of Hellenic Physicists (in press)
- ✓ “Gender and Science” in Biron Kaldis (ed.) *History and Philosophy of Science*, 187-198 (Patra: Hellenic Open University, 2009)
- ✓ “The Laboratory of High Energy Physics at Democritus (NRS): A Highly Gendered Space” in Dimitris Koliopoulos (ed.) *History, Philosophy, and Teaching of Natural Sciences*, 123-131 (Patra: University of Patra, 2007). Republished in Skordoulis, K. et al (eds) *Issues of Science: History, Philosophy and Didactics of Physics*, 87-96 (Athens: Nisos, 2008).
- ✓ “Gender and Science” Introduction to the Greek edition of Schiebinger, Londa. *The Mind Has No Sex? Women in the Origins of Modern Science* (Cambridge, MA: Harvard University Press, 1989) 19-43 (Athens: Katoptro, 2006). I also edited the Greek translation of the book.

REVIEWER

1. *Isis*
2. *Business History Review*
3. *Technology and Culture*
4. *NTM Zeitschrift für Geschichte der Wissenschaften, Technik und Medizin* (*NTM Journal of the History of Science, Technology and Medicine*)
5. *Science Studies*
6. *Engineering Studies*
7. Birkhäuser Springer Basel AG
8. Yale University Press
9. *Science as Culture*
10. *Science and Education*

EDITORIAL BOARD

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