

KATJA GUENTHER

Department of History
129 Dickinson Hall
Princeton University
Princeton, NJ 08544-1174
kguenthe@princeton.edu

APPOINTMENT

Princeton University, Princeton, NJ

Associate Professor, Department of History, Program in the History of Science, 2017-

Assistant Professor, Department of History, Program in the History of Science, 2009-2017

Johanna and Alfred Hurley *61 P76 P82 P86 University Preceptor in History, 2012-15

Associate Faculty Member, Department of German, 2014-

EDUCATION

Harvard University, Cambridge, MA

Ph.D. in the History of Science, 2009

Cologne University, Cologne, Germany

M.D. (Medical Doctor), 2003

Oxford University, Oxford, UK

M.Sc. (Master of Science) in Neuroscience, 2000

PUBLICATIONS

Books:

Localization and Its Discontents – A Genealogy of Psychoanalysis and the Neuro Disciplines
(University of Chicago Press, December 2015).

Reviewed in *American Historical Review*, *Modern Intellectual History*, *Isis*, *Psychoanalysis and History*, *Bulletin of the History of Medicine*, *Medical History*, *British Journal of the History of Science*, *Studies in History and Philosophy of Biological and Biomedical Sciences*, *Times Higher Education*, *The British Society for Literature and Science*.

Shortlisted for the John Pickstone Prize for the best scholarly book in the History of Science (BSHS), 2014-15

The Mirror and the Mind: A History of Self-Recognition in the Sciences of Mind and Brain, book manuscript in preparation.

Special issue:

“Soul Catchers: A Material History of the Mind Sciences,” co-edited with Volker Hess, Special Issue *Medical History* 60.3 (2016).

Articles and essays in academic journals and edited volumes:

“Psychoanalysis,” chapter in *The Cambridge History of Modern European Thought*, ed. Peter Gordon & Warren Breckman (Cambridge University Press, forthcoming, 2018).

- “Technique, marginality, and history,” in *The History of the Brain and Mind Sciences: Technique, Technology, Therapy*, ed. Stephen Casper and Delia Gavrus (University of Rochester Press, 2017): 257-264.
- “Monkeys, Mirrors and Me: Gordon G. Gallup and the Study of Self-Recognition,” *Journal of the History of the Behavioral Sciences* 53.1 (2017): 5-27.
- Winner of the FHHS/JHBS John C. Burnham Early Career Award 2015, [Citation](#)
- “Between Clinic and Experiment: Wilder Penfield’s Stimulation Reports and the Search for “Mind,” 1929-1955,” *Canadian Bulletin of Medical History* 33.2 (2016): 281-320.
- “Soul Catchers: The Material Culture of the Mind Sciences,” editorial for Special Issue, co-authored with Volker Hess, *Medical History* 60.3 (2016): 301-307.
- “‘It’s All Done With Mirrors’ – V.S. Ramachandran and the Material Culture of Phantom Limb Research,” *Medical History* 60.3 (2016): 342-358.
- “Imperfect Reflections: Norms, Pathology, and Difference in Mirror Neuron Research,” in *Pathology and Plasticity: On the Formation of the Neural Subject*, Berkeley Forum in the Humanities, ed. David Bates and Nima Bassiri (Fordham University Press, 2016): 268-308.
- “Exercises in Therapy – Neurological Gymnastics between *Kurort* and Hospital Medicine, 1880-1945,” *Bulletin of the History of Medicine* 88.1 (2014): 102-131.
- “The Disappearing Lesion – Sigmund Freud, Sensory-Motor Physiology, and the Beginnings of Psychoanalysis,” *Modern Intellectual History* 10.3 (2013): 569-601.
- “Mastering the Unmasterable: Hysteria and its History,” Review Essay, *Modern Intellectual History* 10.2 (2013): 477-488.
- “Recasting Neuropsychiatry – Freud’s ‘Critical Introduction’ and the Convergence of French and German Brain Science,” *Psychoanalysis and History* 14.2 (July 2012): 203-226.
- “Freud’s ‘Kritische Einleitung in die Nervenpathologie.’ Kontext und Bedeutung,” *LUZIFER-AMOR Zeitschrift zur Geschichte der Psychoanalyse* 49 (2012): 7-32.
- Sigmund Freud, “Critical Introduction to Neuropathology (1887),” edition and translation, *Psychoanalysis and History* 14.2 (July 2012): 151-202.
- Sigmund Freud, “Kritische Einleitung in die Nervenpathologie (1885-87),” first edition, with Gerhard Fichtner and Albrecht Hirschmüller, *LUZIFER-AMOR Zeitschrift zur Geschichte der Psychoanalyse* 49 (2012): 33-82.
- K Guenther, RMJ Deacon, VH Perry, JNP Rawlins, “Early behavioural changes in scrapie-affected mice and the influence of dapsone,” *European Journal of Neuroscience* 14 (2001): 401-409.

Works in progress:

- “Belief versus Unbelief? On the Neuroscience of Religion” (Afterword in *Belief and Unbelief*, volume co-edited with Philip Nord and Max Weiss, Princeton University Press).
- “The dancing robot: Grey Walter’s cybernetic mirror,” chapter of manuscript *The Mirror and the Mind*.
- “There are no mirrors in New Guinea: Edmund Snow Carpenter and the question of “tribal man,” chapter of manuscript *The Mirror and the Mind*.
- “Man in the mirror: Defining the human from the Enlightenment to Darwin,” chapter of manuscript *The Mirror and the Mind*.

Book reviews:

- Review of Howard Kushner, *On the Other Hand, Left Brain, Right Hand, Mental Disorder, and History* (Baltimore, MD: Johns Hopkins University Press, 2017), *The Common Reader*, forthcoming.
- Review of Tara Abraham, *Rebel Genius: Warren S. McCulloch’s Transdisciplinary Life in Science* (Cambridge, MA: MIT Press, 2016), *Bulletin of the History of Medicine*, forthcoming.
- Review of Gabriel Finkelstein, *Emil du Bois-Reymond: Neuroscience, Self, and Society in Nineteenth-*

- Century Germany* (Cambridge, MA: MIT Press, 2013), *Journal of the History of the Neurosciences* 24 (2015): 205-207.
- Review of Andreas Mayer, *Sites of the Unconscious. Hypnosis and the Emergence of the Psychoanalytic Setting* (Chicago: Chicago University Press, 2013), *Psychoanalysis and History* 16.2 (2014): 263-265.
- Review of Naamah Akavia, *Subjectivity in Motion. Life, Art, and Movement in the Work of Hermann Rorschach* (Routledge, 2013), *Berichte zur Wissenschaftsgeschichte* 36.4 (2013): 382-384.
- Review of Stephen Jacyna and Stephen Casper, ed., *The Neurological Patient in History* (University of Rochester Press, 2012), *Medical History* 57.3 (2013): 445-447.
- Review of Florian Mildener, *Umwelt als Vision: Leben und Werk Jakob von Uexkülls (1864–1944)* (Sudhoffs Archiv 56, 2007), *Isis* 101 (2010): 445-446.
- Review of Ingrid G. Farreras *et al.*, *Mind, Brain, Body, and Behavior, Foundations of Neuroscience and Behavioral Research at the National Institutes of Health* (Amsterdam: IOS Press, 2004), *History of Psychiatry* 18 (2007): 263-264.
- Review of John Cornwell, *Hitler's Scientists: Science, War and the Devil's Pact*, New York: Viking, 2003, *H-German (H-Net Reviews)*, October 2006.

CONFERENCES AND INVITED PRESENTATIONS

- “Mirroring Anthropology: Media Theory in Papua New Guinea,” History of Science Society, Annual Meeting, Toronto, November 2017.
- Comment on conference panel, Media Medica: Medicine and the Challenge of New Media, organizers: Jeremy Greene and Gianna Pomata, Johns Hopkins University, October 2017.
- Comment on Robert Aronowitz, “Lost in Translations: Clinical Judgment and the Intensely Intervened-in Body,” Shelby Cullom Davis Center for Historical Studies, Princeton University, Princeton, NJ, October 2016.
- “The Mirror and the Mind,” Science Studies Colloquium, University of California at San Diego, San Diego, CA, organizer: Cathy Gere, May 2017.
- Comment on David S. Jones, “Risk and New Fortunes: Prosperity and Confounded Narratives of Cardiac Risk in Independent India,” Shelby Cullom Davis Center for Historical Studies, Princeton University, Princeton, NJ, April 2017.
- “The Mirror and the Mind: A History of Self-Recognition,” Center for Health and Wellbeing mini-conference, Princeton University, Princeton, NJ, organizer: Janet Currie, October 2016.
- “The Material Mirror: Contextualizing Lacan,” Richardson Seminar in the History of Psychiatry, Weill-Cornell Medical Center, New York, NY, organizer: Anne Hofmann, September 2016.
- “The Mirror and the Mind,” Neuroscience and History Series, Columbia University, New York, NY, organizer: Zachary Levine, April 2016.
- “Mirrors in the Mind: Reflections on the Self in the Sciences of Mind and Brain,” Davis Center Work in Progress, Princeton University, Princeton, NJ, April 2016.
- “The Mirror and the Mind: A Material History of the Mind Sciences,” Woodrow Wilson Society of Fellows, Princeton University, Princeton, NJ, organizer: Joanne Gowa, March 2016.
- Comment on Tom Trezise, “Perspectives in the Theory of Trauma,” Shelby Cullom Davis Center for Historical Studies, Princeton University, Princeton, NJ, March 2016.
- “Monkeys, Mirrors, and Me: Gordon Gallup and the Study of Self-Recognition,” Sorting Brains Out: Tasks, Tests and Trials in the Neuro- and Mind Sciences, Department of History and Sociology of Science & Center for Neuroscience and Society, University of Pennsylvania, Philadelphia, PA, organizer: Tabea Cornel, September 2015.
- “Lacan’s Mirror in Context: Mirrors and Identity in the Mind and Brain Sciences,” Psychoanalysis Reading Group, Interdisciplinary Doctoral Program in the Humanities, Princeton University, Princeton, NJ, May 2015.
- Comment on Cathy Caruth, “Floating History,” Shelby Cullom Davis Center for Historical Studies,

- Princeton, NJ, April 2015.
- “Localization and Its Discontents: A Genealogy of Psychoanalysis and the Neuro Disciplines,” Klopsteg Lecture, Science in Human Culture Program, Northwestern University, Evanston, IL, organizer: Mariana Craciun, January 2015.
- “Mirror Neurons and the Animal-Human Divide,” History of Science Society, Annual Meeting, Chicago, IL, November 2014.
- “Textbooks and Notation – Carl Wernicke’s *Krankenvorstellungen* and the Undoing of Neuropsychiatry,” conference “Books Making Us Crazy? Questioning the Psychiatric Canon from Pinel to DSM 5,” organizers: Andreas Mayer and Yvonne Wübben, École des Hautes Études en Sciences Sociales, Paris, France, October 1-2, 2014.
- “Between Clinic and Experiment: Wilder Penfield’s Stimulation Reports, 1929-1955,” American Association for the History of Medicine, Annual Meeting, Chicago, IL, May 2014.
- Comment on Panel “Pathologies of Childhood,” conference “Childhood – Between Material Culture and Cultural Representation,” organizers: Felix Rietmann, Mareike Schildmann, Princeton, NJ, May 2014.
- “Shaping the Body in the Brain: Mirrors and the Treatment of Phantom Limbs,” Workshop “Plasticity and Pathology: History and Theory of Neural Subjects,” Townsend Center for the Humanities, University of California at Berkeley, organizers: David Bates, Nima Bassiri, April 2014.
- “Reflections on the Self – V.S. Ramachandran’s Mirror Box Therapy,” Workshop “Soul Catchers – A Material History of the Mind Sciences,” History Department, Princeton University, organizers: Katja Guenther and Volker Hess, February 2014.
- “Localization and Its Discontents: A Genealogy of Psychoanalysis and the Neuro Disciplines,” Davis Center Work in Progress, Princeton University, December 2013.
- “In the Operating Room: Wilder Penfield’s Stimulation Reports and the Discovery of ‘Mind,’” Colloquium History of Medicine, Science and Technology Series, Johns Hopkins University, organizer: Mary Fissell, October 2013.
- “Wilder Penfield and the History of Cortical Stimulation,” Neurosurgery Grand Rounds, Johns Hopkins University, organizer: Jeremy Greene, October 2013.
- “Reflex und Hermeneutik – Skizze einer Parallelgeschichte der ‘Geist-‘ und Gehirnwissenschaften,” Kolloquium Science Studies, ETH Zurich, organizer: Michael Hagner, May 2013.
- “Localization and its Discontents – A Genealogy of Psychoanalysis and the Neuro Disciplines,” Wellcome-Seminar “Neuroscience in Historical and Social Context” at University College London, UK, organizer: Stephen Jacyna, February 2013.
- “Reflex and Interpretation– A Genealogy of Psychoanalysis and the Neuro Disciplines, Work-in-Progress Talk (*Arbeitsgespräch*) at the IAS Constance, Constance, Germany, January 2013.
- “Paul Schilder and the Body Image, Or How to Do Psychoanalysis without the Unconscious,” Workshop “Technique, Technology and Therapy in the Brain and Mind Sciences, 1850-2012,” Clarkson University, Potsdam, NY, organizers: Stephen Casper and Delia Gavrus, May 2012.
- “Therapy in Neurology – Neurological Gymnastics between Kurort and Academic Medicine, 1880-1933,” colloquium at Philadelphia Area Center for History of Science (PACHS), Philadelphia, PA, organizers: Susan Lindee, Babak Ashrafi, April 2011.
- “The Hypnotist, the Photographer and the Doctor - Hysteria and the Making of Psychoanalysis,” Lecture at the Princeton Adult School, Princeton, NJ, organizer: Barbara Lee, April 2011.
- “Freud in the Humanities Today,” panel discussant at Princeton Council of the Humanities, Princeton, NJ, organizer, Carol Rigolot, September 2010.
- “Words as Scalpels: Psychiatry and Neurosurgery in Wilhelmine Germany,” Richardson Seminar in the History of Psychiatry, Weill-Cornell Medical Center, New York, NY, organizer: Mallay Occhiogrosso, May 2010.
- Comment on Steven Shapin, “Eating Good in the Neighborhood: The Medical and Moral History of Dietary Localism,” Shelby Cullom Davis Center for Historical Studies, Princeton University, Princeton, NJ, April 2010.
- “Nervous Societies and the Fragmented Self – Sigmund Freud and Biological Psychiatry,”

- History of Science Society, Annual Meeting, Phoenix, AZ, November 2009.
- “Cutting the Reflex Arc – Brain Surgery and Body Mapping in Modern German Medicine,”
Harvard University, Dudley House Cross Talk, Cambridge, MA, organizer: Anouska
Bhattacharyya, January 2009.
- “Segments and Proportions – Body Mapping in Early Twentieth-Century Neuroscience,”
Cambridge University, History and Philosophy of Science Department, History of Medicine and
Biology Colloquium Series, Cambridge, UK, organizer: Nick Hopwood, December 2008.
- “An Association of Nerves: Clinical Neuroscience in Early 20th-Century Germany,”
History of Science Society, Annual Meeting, Pittsburgh, PA, November 2008.
- “Foreign Bodies – Wilder Penfield, Otfried Foerster, and the Transatlantic Exchange of
Knowledge,” American Association for the History of Medicine, Annual Meeting, Rochester,
NY, April 2008.
- “Freud and Psychoanalysis,” Guest lecture given in course “The Rise of Modern Science,”
Instructor: Slava Gerovitch, Massachusetts Institute of Technology, Cambridge, MA, April 2008.
- “When Patients Talk Back – Conflict and Consensus in Wilhelmine Psychiatry,” History
and Philosophy of Science and Technology, 3rd Annual Graduate Conference at the
University of Toronto, Canada, August 2007.
- “Der Körper als Experiment und Erfahrung. Carl Wernickes Krankenvorstellungen in
Breslau und die Geburt der *Somatopsyche*,” Colloquium “The Sciences in Historical Context,”
University of Vienna, Vienna, Austria, organizer: Mitchell Ash, June 2007.
- “Struktur und Funktion. Die Phrenologie und ihre Erbschaft,” guest lecture given in
Neuroanatomischer Kurs, instructor: Hanns-Jörg Schröder, Cologne University, Cologne,
Germany, March 2001.
- K Guenther, RMJ Deacon, VH Perry, JNP Rawlins (2000), “Behavioural changes in prion-
infected mice and the effect of anti-inflammatory treatment,” poster presented at the Symposium
On Developmental Neuropathology, St. Anne’s College, Oxford, UK, September 2000.

ACADEMIC HONORS AND FELLOWSHIPS

- Behrman Faculty Fellow in the Humanities, Princeton University, 2017-19
- John Pickstone Prize Shortlist for the best scholarly book in the History of Science (British Society for the
History of Science) 2016
- John C. Burnham Early Career Award 2015 (Forum for History of Human Science/Journal of the
History of the Behavioral Sciences)
- Faculty Fellow, Wilson Society of Fellows, Princeton University, 2015-16
- Princeton-Humboldt Collaborative Partnership Grant (2014), with Volker Hess (Humboldt/Charité)
- Johanna and Alfred Hurley *61 P76 P82 P86 University Preceptorship in History (Princeton University),
2012-15
- Institute for Advanced Study Konstanz, Germany (*Kulturwissenschaftliches Kolleg*), Center of
Excellence, Cultural Foundations of Social Integration, Fellowship, 2012-13
- Princeton University Committee on Research in the Humanities and Social Sciences, 2010,
2010-11, 2015
- Max Planck Institute for the History of Science, Berlin, Germany, Postdoctoral Research Fellow,
June/July 2009
- Shryock Medal Graduate Student Essay Competition of the American Association for the
History of Medicine 2009, Honorable Mention
- Mellon/ ACLS Dissertation Completion Fellowship, 2008-09
- Radcliffe Institute for Advanced Study, Schlesinger Library Grant, 2008
- Erwin Hiebert Grant for summer research, Harvard University, 2008
- Center for European Studies, Harvard University, Opportunity grant, 2007, 2008
- Krupp Foundation Dissertation Research Fellowship for Study in Europe, 2006-07
- Charles Warren Center for Studies in American History Research Grant, 2006, 2007

MBB (Mind/ Brain/ Behavior) Graduate Student Award, 2006
Jens Aubrey Westengard Fund for summer research at pre-dissertation stage, 2005
Allianz Foundation, Germany, for medical rotations abroad, 2003
Schmittmann-Wahlen Foundation, scholarship for studies in philosophy, 2002-03
German National Merit Foundation, scholarship for summer research in neuroscience at MIT, 2001
MRC (Medical Research Council), London, scholarship for MSc (neuroscience) at Oxford, 1999-2000
German National Merit Foundation (*Studienstiftung des deutschen Volkes*), 1996-2003

TEACHING

Princeton University, Princeton, NJ,

History of Neuroscience, Undergraduate Seminar, Spring 2017

Global Psychoanalysis, Graduate Seminar, Fall 2016

Introduction to the Professional Study of History, Graduate Seminar, co-taught with Phil Nord, Fall 2016

Freud to fMRI – Readings in the Histories of Mind and Brain, Graduate Seminar, Spring 2014, Fall 2015

History of Medicine and the Body, Undergraduate Lecture Course, Spring 2010, 2011, Fall 2013

Broken Brains, Shattered Minds: Disease and Experience in the History of Neuroscience, Undergraduate Seminar, Fall 2010, Fall 2015

Medicine and the Making of the Modern Self, Graduate Seminar, Fall 2010

Medicine and Deviance: Defining Disease in the Modern World, Junior Seminar, Fall 2009-10

Senior (7) and Junior (6) individual thesis advising, 2009-

Awarded with the Horace H. Wilson '25 Senior Thesis Prize for History of Science, Medicine and Technology, the Near Eastern Studies Thesis Prize, and the Global Health and Health Policy Senior Thesis Prize (Honorable mention); papers published in the *Princeton Public Health Review* and *Foundations*

11 General exams in the fields “History of Medicine,” “History of the Mind and Brain Sciences,” “Medicine and the Mind,” “History of the Mind, Body and Human Sciences.”

Dissertation committees:

Ongoing:

Yael Geller (advisor)

Ohad Reiss Sorokin (advisor)

Felix Rietmann (co-advisor, with Keith Wailoo)

Joshua Bauchner (co-advisor, with Graham Burnett)

Richard Spiegel (co-advisor, with Anthony Grafton)

David Robertson (co-advisor, with Keith Wailoo)

Kathryn Maxson (first reader)

David Dunning (first reader)

Alice Christensen (German Department, reader)

PhD completed:

Reut Harari (second reader), 2016

Evan Young (East Asian Languages Department, examiner), 2015

Meg Leja (second reader), 2015

Hannah-Louise Clark (advisor), 2014

Wayne Soon (first reader), 2014

Daniel Trambaiolo (second reader), 2013

PROFESSIONAL ACTIVITIES

Conferences

Workshop Co-organizer, with Volker Hess, “Soul Catchers – A Material History of the Mind

Science,” at Princeton University, February 7-8, 2014.

Disciplinary

Member of the prize committee for the FHHS/JHBS John C. Burnham Early Career Award, 2017

Editorial Advisory Board Member, *Isis*

Manuscript referee for Oxford University Press, McGill/Queen’s University Press, MIT Press, University of Chicago Press, *History of the Human Sciences*, *History of Psychology*, *Medical History*, *Bulletin of the History of Medicine*, *Modern Intellectual History*, *Berichte zur Wissenschaftsgeschichte*

Fellowship reviewer for the German Academic Research Service (DAAD)

Member of the History of Science Society (HSS), American Historical Association (AHA), American Association for the History of Medicine (AAHM)

University

Princeton University,

Executive Committee, Global Health Program, 2016-

University Committee on Examinations and Standing, 2015-17

Fulbright Program Faculty Advisor, 2013-

Princeton-Humboldt Strategic Partnership Review Committee, 2013-14

History Department, Princeton University, Princeton, NJ,

Graduate Planning Committee, 2017-18

IT Committee, 2015-16

Planning Committee, 2013-14

Co-organizer (with Volker Hess), History of Science Workshop, 2014

Executive Secretary, Shelby Cullom Davis Center for Historical Studies, 2013-14

Organizer, History of Science Colloquium Series 2010-11, Spring 2017, History Department, Princeton University

Faculty Search Committee, Department of History, Princeton University, Scientific Revolution (2010-11)

Faculty Search Committee, Department of History, Princeton University, Target of Opportunity Search (2010)

Seminar Leader, History of Science Program Seminar, Princeton University, Spring 2010, 2011, 2014

LANGUAGES German, English, French, Spanish, Latin, Ancient Greek