

Tabea Cornel

Curriculum Vitae

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University of Pennsylvania ▪ Department of History and Sociology of Science

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EDUCATION

- 2013–present Ph.D. Student, Department of History and Sociology of Science, University of Pennsylvania; dissertation: *Sinister Intersectionality: A Left-Handed History of Neuro-Centrism, 1865–2015*; Dissertation Committee: M. Susan Lindee (Co-Chair), John Tresch (Co-Chair), Michael Hagner, Adelheid Voskuhl
- 2015 SCAN Certificate (Graduate Student Certificate in Social, Cognitive & Affective Neuroscience), Center for Neuroscience & Society, University of Pennsylvania
- 2013 M.A., Institute of Philosophy and the History of Literature, Science, and Technology, Technical University of Berlin
- 2010 B.Sc., Institute of Mathematics, Free University of Berlin (Major: Mathematics, Minor: Philosophy)

PUBLICATIONS & WORKS IN PROGRESS

Refereed Journal Articles

- 2017 “Something Old, Something New, Something Pseudo, Something True: Pejorative and Deferential References to Phrenology since 1840.” *Proceedings of the American Philosophical Society* 161, no. 4 (2017): 299–332.
- 2014 “Matters of Sex and Gender in F.J. Gall’s Organology: A Primary Approach.” *Journal of the History of the Neurosciences* 23, no. 4 (2014): 377–94.
doi:10.1080/0964704X.2014.885097.

Conference Proceedings

- 2018 “Broca’s Approach Is Outdated: Ethical and Epistemic Problems with the Exclusion of Left-Handed Subjects from Neuroscientific Studies.” *AJOB Neuroscience* 9, no. 1 (2018): W1–W2. Accessed September 28, 2018. doi:10.1080/21507740.2018.1433731. <https://www.tandfonline.com/doi/abs/10.1080/21507740.2018.1433731?journalCode=uabn20>.

Manuscripts in Submission

- “An Even-Handed Debate? The Gendered Controversy over Probabilistic Genes for Manual Preference in British Psychology, 1970s–1990s.” Under review by *History of the Human Sciences*.

Manuscripts in Preparation

“Contested Numbers: John W. Tukey and the Negotiation of Valid Statistics in a Methodological Review of the Kinsey Report.” To be submitted to *History and Philosophy of the Life Sciences*.

Web-Based Publications

- 2018 “‘Ambidexterity Is Left-Handedness’.” Accessed September 28, 2018. <https://www.amphilsoc.org/blog/ambidexterity-left-handedness-0>.
- 2018 “How to Sell a Dissertation, Or: The Hand as a Proxy for the Brain.” Accessed September 28, 2018. <http://blogs.library.mcgill.ca/osler-library/how-to-sell-a-dissertation-or-the-hand-as-a-proxy-for-the-brain/>.

Other Publications

2009 “Ein Brief.” In *Mein Nietzsche: Ein Projekt des Nietzsche-Forums München*. Edited by Hans J. Becker et al., 49–51. Nordhausen: Traugott Bautz, 2009.

AWARDS & HONORS

- 2018 Penn Prize for Excellence in Teaching by Graduate Students, University of Pennsylvania
- 2017 Mary Louise Nickerson Award in Neuro History, Osler Library of the History of Medicine, McGill University
- 2015–2016 Hopkinson Fellowship, School of Arts and Sciences, University of Pennsylvania

GRANTS & FELLOWSHIPS

- 2018–2019 Benjamin Franklin Fellowship, School of Arts and Sciences, University of Pennsylvania
- 2018 National Science Foundation Travel Grant, History of Science Society
- 2018 Helfand Fund, Department of History and Sociology of Science, University of Pennsylvania
- 2017–2018 John C. Slater History of Science, Technology, and Medicine Fellowship, American Philosophical Society Library
- 2017 Francis A. Countway Library Fellowship in the History of Medicine, Harvard University
- 2017 School of Arts and Sciences Dean’s Travel Subvention Award, University of Pennsylvania
- 2016–2017 Benjamin Franklin Fellowship, School of Arts and Sciences, University of Pennsylvania
- 2016–2017 Dissertation Research Fellowship, School of Arts and Sciences, University of Pennsylvania
- 2016 National Science Foundation Travel Grant, History of Science Society
- 2015–2016 Mellon Fellow, School of Arts and Sciences, University of Pennsylvania
- 2015 Digital Humanities Training Grant, University of Pennsylvania

- 2015 Graduate and Professional Student Assembly Research Travel Grant Award, University of Pennsylvania
- 2013–2015 Benjamin Franklin Fellowship, School of Arts and Sciences, University of Pennsylvania
- 2014 National Science Foundation Travel Grant, History of Science Society
- 2014 School of Arts and Sciences Dean’s Travel Subvention Award, University of Pennsylvania
- 2014 Graduate and Professional Student Assembly Research Travel Grant Award, University of Pennsylvania

INVITED TALKS

- 2015 “Tracing New Phrenologies: Pejorative and Deferential References to Historical Brain Science,” Phrenology, Anthropometry, and Craniology: Historical and Global Perspectives, Clarkson University, August 14–15
- 2014 “Probability Sampling vs. Sampled Certainty: John W. Tukey and Alfred C. Kinsey’s Negotiation of Valid Numbers,” Research Colloquium for the History of Science, Technical University of Berlin, May 21

CONFERENCE ACTIVITY

Panels & Conferences Organized

- 2018 Panel “Glands and Hormones: 20th-Century Hopes and Fears across the Northern Hemisphere,” History of Science Society, Seattle, November 1–4
- 2017 Panel “Working with/against the Politics of Benevolent Neuroscience,” Society for Social Studies of Science, Boston, August 30 – September 2
- 2016 Panel “Binaries, Scales, and other Modes of Classification in the Social and Life Sciences,” History of Science Society, Atlanta, November 3–6
- 2015 Conference “Sorting Brains Out: Tasks, Tests, and Trials in the Neuro- and Mind Sciences, 1890–2015,” with Ekaterina Babintseva, Matthew Hoffarth, and John Tresch, University of Pennsylvania, September 18–19
- 2014 Panel “Decisive and Divisive Brains: Making Identity Intelligible,” History of Science Society, Chicago, November 6–9

Papers Presented

- 2018 “Hormonal Fillings for Epistemic Gaps: Testosterone as a Bridge between Incoherent Concepts of ‘the Brain’,” History of Science Society, Seattle, November 1–4
- 2017 “Innocuous Intersectionality? The Politics in Handedness Research,” Society for Social Studies of Science, Boston, August 30 – September 2
- 2017 “Left-Handed Complements: Forging Connections between Handedness, Speech Ability, and Brain Asymmetry around 1900,” International Society for the History of Behavioral and Social Sciences (Cheiron), Mississippi State University, June 22–25
- 2016 “Left, Right, Mixed, or Scaled? Genetic Theories of Handedness and Dexterity Questionnaires in Britain, 1967–1979,” History of Science Society, Atlanta, November 3–6

- 2016 “The Brain’s Body: What Difference Does the Body Make? Handedness and Difference,” Association for Feminist Epistemologies, Methodologies, Metaphysics and Science Studies, University of Notre Dame, October 2–4
- 2016 “Is Feminism Science by Other Means? Current Challenges for Feminism and Neuroscience,” with Cynthia Kraus, Victoria Pitts-Taylor, and Linda Weichselbraun, *NeuroGenderings* 4, Barnard College, March 17–19
- 2014 “Human Adult Neurogendering: Brain Plasticity and Sex Difference Research,” History of Science Society, Chicago, November 6–9
- 2014 “Human Adult Neurogendering: Brain Plasticity and Sex Difference Research,” Joint Atlantic Seminar on the History of Medicine, Johns Hopkins University, October 3–4
- 2014 “Contested Numbers: The Quest for Objective Validity in a Statistical Review of the ‘Kinsey Report’,” European Society for the History of Science, Lisbon, September 4–6

Posters Presented

- 2018 “A Neurologist’s Take on the History and Philosophy of Science: Epistemic Inconsistencies and Biological Essentialism in Norman Geschwind’s Research on Brain Laterality,” Integrated History and Philosophy of Science, Hannover, Germany, July 5–7
- 2017 “Broca’s Approach Is Outdated: Ethical and Epistemic Problems with the Exclusion of Left-Handed Subjects from Neuroscientific Studies,” International Neuroethics Society, Washington, D.C., November 9–10
- 2015 “Who Wants to Succeed a Phrenologist? Brain Science and Localization around 1900,” History of Medicine Days, University of Calgary, March 6–7

CAMPUS & DEPARTMENTAL TALKS

- 2019 “Fixing the Plastic Brain: Testosterone as a Bridge between Nature and Nurture in Hormonal Theories of Laterality,” Gender, Sexuality, and Women’s Studies Program Graduate Colloquium Series, University of Pennsylvania, January 23
- 2017 “The New Left: Probabilistic Genes and ‘Risky’ Handedness,” American Philosophical Society Brown-Bag Lunch, Philadelphia, August 29
- 2015 “Reading the History of Adult Neurogenesis Backwards: When Did Sex/Gender Become Plastic?” Sorting Brains Out: Tasks, Tests, and Trials in the Neuro- and Mind Sciences, 1890–2015, University of Pennsylvania, September 18–19
- 2015 “Finding Cerebral Sex/Gender Differences and Adult Neurogenesis with R: Mining Neuroscientific Publications from Five Decades,” Digital Humanities Luncheon, University of Pennsylvania, September 16
- 2015 “How Neuroscientific Knowledge Enhances My Histories,” Center for Neuroscience & Society SCAN Retreat, University of Pennsylvania, February 20
- 2013 “Desexualized Statistics: J.W. Tukey’s Quest for Objective Validity in Reviewing the ‘Kinsey Report’,” Cold War Science, Technology and Medicine Symposium, University of Pennsylvania, December 10
- 2013 “Funktionelle ‚Magnetresonanzphrenologie‘? Geschlecht im Gehirn bei F. J. Gall und in den Jahren 1995–1999” (“Functional Magnetic Resonance Phrenology? Sex/Gender in the Brain in F.J. Gall’s Work and in the Years 1995–1999”), Research Colloquium for the History of Science, Technical University of Berlin, February 13

TEACHING EXPERIENCE

Graduate Teaching

Life of Brain: Selves and Societies in the Age of the Brain and Mind Sciences, assistant instructor (syllabus design and facilitation of discussion), University of Pennsylvania, Spring 2015

Undergraduate Teaching

Emergence of Modern Science, instructor, University of Pennsylvania, Summer 2018

The Information Age, grader, University of Pennsylvania, Spring 2016

Bioethics, teaching assistant, University of Pennsylvania, Fall 2015

Health and Societies: Global Perspectives, teaching assistant, University of Pennsylvania, Spring 2015

Medicine in History, teaching assistant, University of Pennsylvania, Fall 2014

Ars Rationalis I (Logic I), teaching assistant, Karlsruhe Institute of Technology, Winter 2007–2008

Teaching Training (Center for Teaching and Learning, University of Pennsylvania)

2018 Completed Teaching Certificate for Graduate Students

2018 Received teaching observation (pre-observation meeting, 90-minute in-class video-taping of instructor, and post-observation reflection)

2014–2018 Attended workshops on “Teaching with Film,” “Designing Your Own Course,” “Developing Your Own Teaching Persona,” “Teaching Philosophy and Pedagogy,” “PowerPoint (and Friends): Making Good Use of Presentation Software,” “Confronting White Supremacy in the Classroom”

2014 Three-day workshop for first-time teaching assistants

SERVICE TO PROFESSION

Journal Manuscript Review

Ad-hoc reviewer for *Cortex*; *History of Psychology*; *Science, Technology, & Human Values*

OUTREACH

Weblog

The Semipermeable Membrane: History and Philosophy of the Neurosciences within Their Social Contexts, <http://hpsns.hypotheses.org/>

LANGUAGES

R (programming language, beginner)

French (can read with dictionary)

English (fluent)

German (native)

PROFESSIONAL MEMBERSHIPS

Club d'histoire des neurosciences (Club Officiel de la Société des Neurosciences Française)
History of Science Society
International Neuroethics Society
NeuroGenderings Network
Society for Social Studies of Science

REFERENCES

M. Susan Lindee, Janice and Julian Bers Professor of History and Sociology of Science, Department of History and Sociology of Science, University of Pennsylvania, 303 Claudia Cohen Hall, 249 S. 36th Street, Philadelphia, PA 19104, USA, +1-215-898-2271, mlindee@sas.upenn.edu

John Tresch, Mellon Chair in History of Art, Science and Folk Practice, Warburg Institute, School of Advanced Study, University of London, Woburn Square, London WC1H 0AB, United Kingdom, +44-7780-397-603, john.tresch@sas.ac.uk

Adelheid Voskuhl, Associate Professor, Department of History and Sociology of Science, University of Pennsylvania, 303 Claudia Cohen Hall, 249 S. 36th Street, Philadelphia, PA 19104, USA, +1-215-898-5893, avoskuhl@sas.upenn.edu

Beth Linker (teaching reference), Associate Professor, Department of History and Sociology of Science, University of Pennsylvania, 303 Claudia Cohen Hall, 249 S. 36th Street, Philadelphia, PA 19104, USA, +1-215-898-7454, linker@sas.upenn.edu