

Tabea Cornel

Curriculum Vitae

October 20, 2021

New College of Florida ▪ Division of Humanities

Academic Center 116 ▪ 5800 Bayshore Road ▪ Sarasota, FL 34243 ▪ USA

tcornel@ncf.edu

EMPLOYMENT

2019–present Visiting Assistant Professor of Medical Humanities, Affiliated Faculty Member in Philosophy and Gender Studies, Division of Humanities, New College of Florida

EDUCATION

- 2019 Ph.D., Department of History and Sociology of Science, University of Pennsylvania; dissertation: *Sinister Intersectionality: A Left-Handed History of Neuro-Centrisms, 1865–2017*; 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

- Cornel, Tabea. “Contested Numbers: The Failed Negotiation of Objective Statistics in a Methodological Review of Kinsey et al.’s Sex Research.” *History and Philosophy of the Life Sciences* 43, no. 1 (2021): 13. <https://doi.org/10.1007/s40656-020-00363-6>.
- Cornel, Tabea. “An Even-Handed Debate? The Sexed/Gendered Controversy over Laterality Genes in British Psychology, 1970s–1990s.” *History of the Human Sciences* 33, no. 5 (2020): 138–66. <https://doi.org/10.1177/0952695120944031>.
- Cornel, Tabea. “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.
- Cornel, Tabea. “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. <https://doi.org/10.1080/0964704X.2014.885097>.

Articles in Submission

- Cornel, Tabea, and Brandon Heil. “Crises, Causes, and Cures: Crisis Talk in Psychology and the Allure of Open Science.” Under review with *Perspectives on Science*.

Conference Proceedings

Cornel, Tabea. "Broca's Approach Is Outdated: Ethical and Epistemic Problems with the Exclusion of Left-Handed Subjects from Neuroscientific Studies."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. <https://doi.org/10.1080/21507740.2018.1433731>.

Web-Based Publications

Cornel, Tabea. "Ambidexterity Is Left-Handedness'." Last updated June 15, 2018. Accessed October 20, 2021. <https://www.amphilsoc.org/blog/ambidexterity-left-handedness-0>.

Cornel, Tabea. "How to Sell a Dissertation, or: The Hand as a Proxy for the Brain." Last updated January 3, 2018. Accessed October 20, 2021. <http://blogs.library.mcgill.ca/osler-library/how-to-sell-a-dissertation-or-the-hand-as-a-proxy-for-the-brain/>.

Other Publications

Cornel, Tabea. "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
- 2015–2016 Hopkinson Fellowship, School of Arts and Sciences, University of Pennsylvania

EXTRAMURAL FUNDING

- 2021 Humanities Connections Planning Grant, National Endowment for the Humanities (Co-Principal Investigator), to develop undergraduate program of study in "Health, Culture, and Societies" at New College of Florida
- 2018 National Science Foundation Travel Grant, History of Science Society
- 2017–2018 John C. Slater History of Science, Technology, and Medicine Fellowship, American Philosophical Society Library
- 2017 Mary Louise Nickerson Award in Neuro History, Osler Library of the History of Medicine, McGill University
- 2017 Francis A. Countway Library Fellowship in the History of Medicine, Harvard University
- 2016 National Science Foundation Travel Grant, History of Science Society
- 2014 National Science Foundation Travel Grant, History of Science Society

INTERNAL GRANTS & FELLOWSHIPS

- 2020 Summer Faculty Development Fund, New College of Florida
- 2018–2019 Benjamin Franklin Fellowship, School of Arts and Sciences, University of Pennsylvania
- 2018 School of Arts and Sciences Dean's Travel Subvention Award, University of Pennsylvania
- 2018 Helfand Fund, Department of History and Sociology of Science, University of Pennsylvania
- 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 History and Sociology of Science Summer Research Funding, University of Pennsylvania
- 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 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

- 2021 Organized double session “Another Vast Machine: Data, Models, and Simulations in the Human Sciences,” History of Science Society, joint session with Society for the History of Technology, New Orleans, November 18–21
- 2018 Co-organized panel “Glands and Hormones: 20th-Century Hopes and Fears across the Northern Hemisphere,” History of Science Society, Seattle, November 1–4
- 2017 Organized panel “Working with/against the Politics of Benevolent Neuroscience,” Society for Social Studies of Science, Boston, August 30 – September 2
- 2016 Organized panel “Binaries, Scales, and other Modes of Classification in the Social and Life Sciences,” History of Science Society, Atlanta, November 3–6
- 2015 Devised and co-organized 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 Organized panel “Decisive and Divisive Brains: Making Identity Intelligible,” History of Science Society, Chicago, November 6–9

Papers

- 2021 “Fluorescent Sensors in Bayesian Brains: Transgenic Mice as Statistical Technologies in Neurogenomics,” History of Science Society, joint session with Society for the History of Technology, New Orleans, November 18–21

- 2021 “Crises, Causes, and Cures: A Digital Analysis of Psychology’s Recent Crises and the Allure of Open Science,” Digital Studies of Digital Science, virtual conference, March 15–18 (with Brandon Heil)
- 2020 “The Politics of Handedness: How Innocuous Classifications Can Disguise Bias and Normalize Discrimination,” International Health Humanities Consortium Conference, Nashville, March 26–28 [conference canceled]
- 2020 “Is Left-Handedness to Right-Handedness as Female Is to Male?” NeuroGenderings 5, Leiden (Netherlands), March 2–6
- 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 (Portugal), September 4–6

Posters

- 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

Roundtables

- 2020 Co-organized and participated in roundtable on “Trans/Queer-Gender Intersectionality,” NeuroGenderings conference, Leiden (Netherlands), March 2–6

CAMPUS & DEPARTMENTAL TALKS

- 2020 “Medicine and Literature: A Feast in Time of Plague,” Campus Conversations, New College of Florida, November 19

- 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 facilitating discussion in the absence of the main instructor), University of Pennsylvania, Spring 2015

Undergraduate Teaching¹

Upcoming Courses:

- *Big Brain Data: Histories and Ethics*, instructor, New College of Florida, Spring 2022 (GS, HU, NS)
- *Biomedical Ethics*, instructor, New College of Florida, Spring 2022 (HCS, HU, GS)
- *Health, Culture, and Societies: Interdisciplinary Explorations*, co-instructor, New College of Florida, Spring 2022 (HCS, HU)

Current and Previous Courses:

- *A History of Biomedicine*, instructor, New College of Florida, Fall 2021, Fall 2019 (GS, HCS, HU)
- *Broken Brains, Broken Souls: Patient Experiences in Neurology and Psychiatry since 1800*, instructor, New College of Florida, Fall 2021, Fall 2019 (GS, HCS, HU, NS)
- *Race, Gender, and Sex(uality) in the History of the Mind and Brain Sciences*, instructor, New College of Florida, Spring 2021 (GS, HCS, HU, NS)
- *Medicine and Literature*, co-instructor, New College of Florida, Fall 2020 (HU)
- *Neuroethics*, instructor, New College of Florida, Fall 2020 (GS, HCS, HU, NS, PH)
- *Here’s My Number: Quantifying Human Bodies, Identities, and Behaviors Since 1800*, instructor, New College of Florida, Spring 2020 (GS, HU)

¹ Abbreviations designate course credit options in the following fields: GS = Gender Studies; HCS = Health, Culture, and Societies; HU = Humanities; NS = Neuroscience; PH = Philosophy.

- *The Mystery of Lefty Brains: An Introduction to Digital Text Analysis and the History of Handedness Research*, instructor, New College of Florida, Spring 2020 (GS, HU, NS)
- *Substance Use and Harm Reduction: Then, Now, and for a Better Future*, instructor, New College of Florida, Spring 2020 (HU)
- *Politics of Yellow Fever in Alexander Hamilton's America*, co-instructor, New College of Florida, January interterm 2020 (HU)
- *Emergence of Modern Science*, instructor, University of Pennsylvania, Summer 2018
- *The Information Age*, grader (incl. office hours), 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

Undergraduate Advising

Co-Supervision of Honors Theses:

- Nicole Ahern, New College of Florida, “Determinants of Cis- and Trans-Women’s Experiences in OBGYN Care Based on Provider Gender” [working title] (expected 2022)
- Brandon Heil, New College of Florida, “Youth In Transition: An Analysis of Supportive Medical Interventions’ Effects on Mental Health for Transgender and Gender Nonconforming Adolescents” (expected 2022)

Service on Baccalaureate Committees:

- Maggie O’Rourke, New College of Florida, “Illiteracy and Disability in Literature” [working title] (expected 2022)
- Beau Perkins, New College of Florida, “Mathematical Cognition” (expected 2022)
- Phoebe Sernaker, New College of Florida, “‘Very Jewish, Very Middle Class, and Very Straight’: The Intersection of Jewish and Queer Identities in *Falsettos*, *Angels in America*, and *As Is* in the Time of AIDS” (2021)
- Christina Graben, New College of Florida, “‘The Price of Touch’: Emergent Postcolonial Subjectivities Through Metaphors of Illness in Contemporary South Asian Literature” (2020)

SERVICE TO PROFESSION

Journal Manuscript Review

Ad-hoc reviewer for *Bulletin of the History of Medicine*; *Cortex*; *Frontiers in Sociology*; *History of Psychology*; *Science as Culture*; *Science, Technology, & Human Values*; *Social Studies of Science*; *Studies in History and Philosophy of Science Part C*

Grant Proposal Review

Ad-hoc reviewer for the Science and Technology Studies Program at the National Science Foundation.

DEPARTMENTAL & COLLEGE SERVICE

SSDP Student Club Sponsor

New College of Florida, 2020–present

Faculty sponsor for the New College chapter of Students for Sensible Drug Policy (SSDP).

Health, Culture, and Societies

New College of Florida, 2019–present

Built a transdisciplinary program of study in Health, Culture, and Societies with a colleague in epidemiology. Currently co-directing the program and functioning as Co-Principal Investigator on NEH Humanities Connections Planning Grant to further develop the program of study in collaboration with colleagues in epidemiology, literature, and medical anthropology, as well as a local physician at the Multicultural Health Institute of Sarasota.

Arts + Community + Health + Education (ACHE)

Cross College Alliance, 2020–2021

Mellon-funded committee. Fostered community connections and explored options for a certificate program in ACHE in collaboration with local healthcare institutions and artists.

Campus Safety Advisory Panel

New College of Florida, 2020

Advised the Vice President for Finance and Administration on issues regarding campus safety, on-campus policing, and other matters related to creating and maintaining a safe and healthy campus environment.

COMMUNITY SERVICE

Sarasota Anti-Racism Working Group

Sarasota, FL, 2020–present

Empowering individuals and institutions to dismantle racism through education and community organizing. Organized four-part Educational Equity Webinar Series, January through May 2021.

OUTREACH

Exhibition

“Politics of Yellow Fever in Alexander Hamilton’s America,” National Library of Medicine traveling exhibition, hosted with Kristopher Fennie at New College of Florida for the campus community and the broader public (including student-taught curriculum to 70 students at Booker High School), March 2 – April 11, 2020.

Coverage on the National Library of Medicine’s “Circulating Now” blog:

National Library of Medicine. “Making Exhibition Connections: New College of Florida.” Accessed October 20, 2021. <https://circulatingnow.nlm.nih.gov/2020/10/15/making-exhibition-connections-new-college-of-florida/>.

Coverage in the official campus news:

Kallie Delis. “National ‘Yellow Fever’ Exhibit Inspires New College Students.” *New College News*, March 2, 2020. Accessed October 20, 2021. <https://news.ncf.edu/news/national-yellow-fever-exhibit-inspires-new-college-students/>.

Coverage in the student newspaper:

Leavengood, Chuck. “‘Politics of Yellow Fever in Alexander Hamilton’s America’ Epidemiology Exhibit Opens in Library.” *The Catalyst*, March 23, 2020. Accessed October 20, 2021. <https://ncfcatalyst.com/politics-of-yellow-fever-in-alexander-hamiltons-america-epidemiology-exhibit-opens-in-library/>.

Weblog

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

LANGUAGES

English (full professional proficiency)

German (native proficiency)

French (elementary proficiency)

R (programming language, limited working proficiency)

PROFESSIONAL MEMBERSHIPS

History of Science Society

International Neuroethics Society

NeuroGenderings Network

Society for Social Studies of Science

Transformational History and Philosophy of Science Network