

CAROLYN P. NEUHAUS, Ph.D.

Curriculum Vitae

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Garrison, NY 10524

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ACADEMIC APPOINTMENTS

- June 2017-Present Research Scholar, The Hastings Center
- July 2016-June 2017 Rudin Postdoctoral Fellow, Division of Medical Ethics, NYU School of Medicine
- May 2014-June 2016 Research Associate, Division of Medical Ethics, NYU School of Medicine

EDUCATION

- 2016 Ph.D. (Philosophy)
The Graduate Center, City University of New York, New York, NY
- 2014 M.A. (Philosophy)
The Graduate Center, City University of New York, New York, NY
- 2009 B.A. (Philosophy), *Cum Laude* with Honors in Philosophy
Georgetown University, Washington, DC

CURRENT RESEARCH SUPPORT

<i>Title</i>	<i>Role</i>	<i>Time</i>	<i>Funder</i>
How Should the Public Learn? Reconstructing Common Purpose and Civic Innovation for a Democracy in Crisis	Co-Investigator (PI: M. Solomon, B. Jennings)	2018-2019	John S. and James L. Knight Foundation
Public Deliberation on Gene Editing in Wild Populations	Co-Investigator (PI: G. Kaebnick)	2018-2021	National Science Foundation
Actionable Ethics Oversight for Human-Animal Chimera Research	Co-Investigator (PI: J. Johnston, K. Maschke, I. Hyun)	2018-2021	National Institutes of Health

PUBLICATIONS *

Journals

Neuhaus CP, Parent B. Gene Doping – in Animals? Ethical Issues at the Intersection of Animal Use, Gene Editing, and Sports Ethics. *Cambridge Quarterly of Healthcare Ethics* (in press).

Edwards SJL, Norell CH, Illari P, Clarke B, **Neuhaus CP**. A Radical Approach to Ebola: Saving Humans and Other Animals. *American Journal of Bioethics* (in press).

McCoy MS, Jongsma KR, Friesen P, Dunn M, **Neuhaus CP**, Rand L, Sheehan M. The National Standards for Public Involvement in Research: Missing the Forest for the Trees. *Journal of Medical Ethics* (in press).

* Prior to June 2016, Carolyn used the surname Plunkett.

- Neuhaus CP**, Zacharias RL. Compassionate Use of Gene Therapies in Pediatrics: An Ethical Analysis. *Seminars in Perinatology* (in press).
- Neuhaus CP**, Zacharias RL. Advancing Ethical Stem Cell Research with CRISPR. *Current Stem Cell Reports* 2018; 4(3): 248-252.
- Neuhaus CP**. Personalized Medicine is the Postgenomic Condition. *The Hastings Center Report* 2018; 48(3): 46-47.
- Neuhaus CP**. Community Engagement and Field Trials of Genetically Modified Insects and Animals. *The Hastings Center Report* 2018; 48(1): 25-36.
- Neuhaus CP**. Ethical issues when modelling brain disorders in non-human primates. *Journal of Medical Ethics* 2018; 44: 323-327.
- Neuhaus CP**. Open Review of “Informed consent in field trials of gene-drive mosquitoes.” *Gates Open Research* 2017 (published online December 11).
- Neuhaus CP**. Field Notes: Global Bioethics. *The Hastings Center Report* 47(6): Inside Front Cover.
- Neuhaus CP**, Caplan AL. Ethical lessons from a tale of two genetically modified insects. *Nature Biotechnology* 2017; 35(8): 713-716.
- Neuhaus CP**, Caplan AL. Genome Editing – Bioethics Shows the Way. *PLoS Biology* 2017 (published online March 16).
- Neuhaus CP**, Nagler AR, Orlow SJ. Teens, Acne, and Oral Contraceptive Pills: The Need for Clarity on When Teens Can Consent. *JAMA Dermatology* 2017; 153(4): 249-250.
- Neuhaus CP**. Teens and Research: Should adolescents be enrolled in trials of deep brain stimulation for anorexia nervosa? *Cambridge Quarterly of Healthcare Ethics* 2016; 25(4): 659-673.
- Cummins PJ, Mendis KJ, Fallar R, Favia A, Frank L, **Plunkett C**, Gligorov N, Rhodes R. Improving Third Year Medical Student’s Competency in Clinical Moral Reasoning: Two Interventions. *American Journal of Bioethics – Empirical Bioethics* 2016; 7(3): 140-148.
- Caplan AL, Parent B, Shen M, **Plunkett C**. No Time to Wait – The Ethical Challenges of CRISPR. *EMBO Reports* 2015; 16(11): 1421-1426.
- Wall SP, **Plunkett C**, Caplan AL. A Potential Solution to the Shortage of Solid Organs for Transplantation. *Journal of the American Medical Association* 2015; 313(23): 2321-2322.
- Levin B, **Plunkett C**, Caplan AL. The Perfect Must Not Overwhelm the Good: Response to Open Peer Commentaries on “Selecting the Right Tool for the Job.” *American Journal of Bioethics* 2015; 15(4): W8-W10.
- Levin B, **Plunkett C**, Caplan AL. Selecting the Right Tool for the Job. *American Journal of Bioethics* 2015; 15(4): 4-10.
- Plunkett C**. Can unwilling addicts provide informed consent to ongoing deep brain stimulation of reward centers? *American Journal of Bioethics – Neuroscience* 2013; 4(2): 52-4.

General Audience (Blogs, Op-Eds, Etc.)

2018. The Only PhD Scientist in Congress Speaks about Truth, Politics, and Human Flourishing. *Bioethics Forum: The Hastings Center’s Blog*, published online 11 Jun. <https://bit.ly/2DJbaGw>

2018. Informed consent in trials of genetically modified mosquitoes – an author and reviewer in conversation – Parts 1 & 2. *F1000 Blog*, published online 9 Mar. <https://bit.ly/2Rfr7Hg>
2017. Ethical issues when modelling brain disorder in non-human primates. *Journal of Medical Ethics Blog*, published online 22 Sep. (Reposted on *Bioethics Forum* 23 Sep.) <https://bit.ly/2P3zXXc>
2017. Reflections on Voracious Science, Vulnerable Animals. *Ampersand: The PRIMe&R Blog*, published online 18 Jul. <https://bit.ly/2It9i3i>
2016. Trial of GM mosquitos could happen soon in Florida (with Arthur L. Caplan, Ph.D.). *The Tallahassee Democrat*, published online 22 Sep. <https://on.tdo.com/2zJGbpJ>
2016. Get the Public Involved in Chimera Research at NIH. *Bioethics.net*, published online 15 Aug. <https://bit.ly/2Qhtk3E>
2016. Get Out of the Way of Human Genetic Engineering? Unwise and Uncalled For (with Arthur L. Caplan, Ph.D.). *Forbes*, published online 7 Jun. <https://bit.ly/2IwaP8K>
2016. Using Genetically Modified Mosquitoes to Fight Zika is the Right Thing To Do (with Arthur L. Caplan, Ph.D.). *Forbes*, published online 16 Mar. <https://bit.ly/2xLSgJN>
2015. Widening the use of deep brain stimulation: Ethical considerations in research on DBS to treat anorexia nervosa. *The Neuroethics Blog*, published online 24 Nov. <https://bit.ly/2y3SCdT>
2015. Worth the Money? Paying to Ensure a Representative Cohort in the PMI (with Lisa Kearns, M.A. and Arthur L. Caplan, Ph.D.). *Health Affairs Blog*, published online 30 Jul. <https://bit.ly/2NXnp72>
2015. All should benefit from precision medicine’s advances (with Lisa Kearns, M.A. and Arthur L. Caplan, Ph.D.). *The Tennessean*, published online 9 Jun. <https://tnne.ws/2xTs7bS>
2014. Domestic Violence: The NFL Isn’t the Only Workplace with a Problem (with Arthur L. Caplan, Ph.D.). *NBC News*, published online 22 Sep. <https://nbcnews.to/2NZbwha>
2012. Are emotional states post psychiatric deep brain stimulation authentic? *Neuroethics Women Leaders Blog*, published online 12 Nov. <https://bit.ly/2zJFUDq>

SELECT PRESENTATIONS

Invited Presentations

2018. Mice Against Ticks Community Meeting. “Community-guided science and ethical implications of altering the environment to reduce tick-borne disease” (a panel with Kevin Esvelt, Ph.D., Sheila Jasanoff, Ph.D., Duane Wesemann, Ph.D., and Sam Telford, Ph.D.).
2018. World Science Festival. “Planting the Seeds, Seeding the Plants: Can CRISPR Save the World?” (a panel with Dave Jackson, Ph.D., Yiping Qi, Ph.D., Matthew Willman, Ph.D., and Friedrich Soltau, Ph.D.).
2018. University of Pennsylvania Graduate Student Conference in Bioengineering, Keynote Lecture. “Designing our World: Bioengineering for the Common Good.”
2017. The Solomon Center for Health Law and Policy, Yale Law School. “CRISPR: Legal & Ethical Issues of Gene Editing” (a panel with Alta Charo, J.D. & Natalie Kofler, Ph.D.).

2017. Public Responsibility in Medicine & Research (PRIM&R) 2017 IACUC Conference. “Scientific and Ethical Considerations on the Use of Gene Editing Technologies to Modify Animal Genomes for Research: What IACUCs Should Know” (with David Lyons, Ph.D.).

2016. Long Island University Philosophy Department Colloquium. “On Public Involvement in Science Policy and Research: The case of genetically modified mosquitoes.”

2016. Annual Meeting, Swiss Laboratory Animal Science Association. “CRISPR and the 3 R’s of Research.”

2015. Workshop on Gene Editing to Modify Animal Genomes for Research – Scientific and Ethical Considerations, Institute for Laboratory Animal Research, Washington, DC. “What Went Right? Lessons from the approval process for the release of genetically engineered moths.”

Conference Presentations

2018. American Society for Bioethics and Humanities, Anaheim, CA. “Animal Research at the Margins: Innovation, Future Prospects, and Moral Quandaries” (a panel with David DeGrazia, Ph.D., Joseph Garner, Ph.D., and Sarah Chan, Ph.D.).

2018. Entomological Society of America Annual Meeting, Vancouver, BC. “Editing Insects in the Wild: Who Should Decide?”

2018. The Gift and Weight of Genomic Knowledge. Brooklyn, NY. “Bearing Weight to Produce the Gift of Genomic Knowledge.”

2017. International Neuroethics Society Annual Meeting, Washington, DC, “Discovering Biomarkers of Alzheimer’s disease in Neuroimaging Studies of Aging Brains: When Should Researchers Disclose Disease Risk” (with Tessa Harrison, Ph.D.). [Poster]

2017. Genome Editing: Biomedical and Ethical Perspectives. Belgrade, Serbia. “A Tale of Two Insects: Ethical lessons for future trials of genetically modified pests.”

2017. Genomics and Society: Expanding the ELSI Universe. Farmington, CT. “Recruiting a Just, Diverse Cohort to the Precision Medicine Initiative: Should We Pay?” (with Lisa Kearns, M.A.).

2017. American Philosophical Association Eastern Division Meeting, Baltimore, MD. “Teaching High School Teachers to Teach Bioethics.”

2016. International Neuroethics Society Annual Meeting, San Diego, CA. “Using CRISPR to Create Primate Models of Neurological Disorders.” [Poster, Top 25 Abstract Award]

2016. American Society for Bioethics and the Humanities, Washington, DC. “Teaching High School Teachers to Teach Bioethics.”

2016. American Society for Bioethics and the Humanities, Washington, DC. “Ensuring a just, diverse cohort for the president's Precision Medicine Initiative” (with Lisa Kearns, M.A.).

2016. Oxford-Mount Sinai Consortium on Bioethics, New York, NY. “Teens and Research: Should adolescents be enrolled in clinical trials of deep brain stimulation for anorexia nervosa?”

2016. American Philosophical Association Central Division, Chicago, IL. “Psychological Resistance to Full Information: An Objection to Subjectivist-Externalist Accounts of Reasons.”

2015. International Neuroethics Society Annual Meeting, Chicago, IL. “Teens and Research: Should adolescents be enrolled in clinical trials of deep brain stimulation for anorexia nervosa?” [Top 5 Abstract]

2015. Brain Matters! Scottsdale, AZ. “Teens and Research: Should adolescents be enrolled in clinical trials of deep brain stimulation for anorexia nervosa?”

2015. Oxford-Mount Sinai Consortium on Bioethics, Safed, Israel. “Selecting the Right Tool for the Job.”

2014. Brain Matters! Vancouver, BC. “What’s at Stake: Human Nature and Cognitive Enhancement.”

2013. International Neuroethics Society Annual Meeting, San Diego, CA. “The role of *your* emotions in moral reasoning: why emotional authenticity matters.” [Poster]

2012. Brain Matters! Cleveland, OH. “Emotional Authenticity and Deep Brain Stimulation.”

2011. The Relevance of Gandhi in Contemporary Globalization, Paris, France. “Protecting and Promoting Humanity: Gandhian Philosophy and Human Rights.”

TEACHING EXPERIENCE

2016-Present Adjunct Professor, Einstein-Cardozo Bioethics Education Programs
 2015-2017 Co-Director, High School Bioethics Program, NYU School of Medicine
 2013-2017 Ethics Fellow, The Bioethics Program, Icahn School of Medicine at Mount Sinai
 2014-2015 Writing across the Curriculum Fellow, City College of New York
 2011-2014 Graduate Teaching Fellow, City College of New York

AWARDS & FELLOWSHIPS

2016-2017 Rudin Fellowship, NYU School of Medicine
 2015-2016 Dissertation Year Fellowship, The Graduate Center, CUNY
 2013-2017 Ethics Fellowship, Icahn School of Medicine at Mount Sinai
 2014 Doctoral Student Research Grant, The Graduate Center, CUNY
 2010-2015 Enhanced Chancellor’s Fellowship, The Graduate Center, CUNY

PROFESSIONAL ASSOCIATION MEMBERSHIPS

International Neuroethics Society
 American Society for Bioethics and the Humanities
 American Philosophical Association
 New York Society for Women in Philosophy

SELECT SERVICE TO THE PROFESSION

Current

Member, Ethics Committee, Montefiore New Rochelle Hospital
 Member, Editorial Committee, *The Hastings Center Report*
 Judge, Annual New York City High School Ethics Bowl

Completed

Member, Emerging Professionals Working Group, PRIM&R, 2016-2017
 Member, Institutional Animal Care & Use Committee, NYU School of Medicine, 2016-2017