

CURRICULUM VITAE

Karen S. Rommelfanger, Ph.D.

BIOGRAPHICAL

Office Address: Emory University
Center for Ethics Neuroethics Program
1531 Dickey Drive
Atlanta, GA 30322
Tel: (404) 712-1150
Fax: (404) 727-7399

Email: krommel@emory.edu

Citizenship: United States
Website: www.karenrommelfanger.com

APPOINTMENTS AND POSITIONS

CURRENT TITLES AND AFFILIATIONS:

1. Academic Appointments

2013 – Present Emory University Assistant Professor
School of Medicine
Departments of Neurology and Psychiatry and Behavioral Sciences
Atlanta, GA

2. Other Appointments

2012 – Present Emory University Director, Neuroethics Program
Center for Ethics
Atlanta, GA

2015 – Present Emory University Affiliate Faculty, Neuroscience Graduate Program
Laney Graduate School
Graduate Division of Biological and Biomedical Sciences
Atlanta, GA

2015 – Present Emory University Affiliate Faculty,
Emory College of Arts & Sciences Neuroscience and Behavioral Biology
Atlanta, GA

PREVIOUS ACADEMIC APPOINTMENTS:

July 2013 – Oct 2013 Emory University Senior Associate
School of Medicine
Department of Neurology
Atlanta, GA

PREVIOUS ADMINISTRATIVE APPOINTMENTS:

2011 – 2012 Emory University Assistant Director, Neuroethics Program
Center for Ethics
Atlanta, GA

2014 Emory University Director, Jones Program in Ethics
Laney Graduate School
Atlanta, GA

EDUCATION AND TRAINING

UNDERGRADUATE:

1995 – 1999	Angelo State University San Angelo, Texas	B.S. Chemistry
1998	University of Michigan Nuclear Medicine Division Ann Arbor, Michigan	P.E.T. Pharmacology Internship Advisor: Michael Kilbourn, Ph.D.

GRADUATE:

2000 – 2002	University of Texas College of Pharmacy Austin, Texas	M.S. Neurotoxicology Advisor: Gary W. Miller, Ph.D.
2002	University of Texas Southwestern Medical School Department of Psychiatry Dallas, Texas	Immunohistochemistry Training Advisor: Dwight C. German, Ph.D.
2002 – 2007	Emory University School of Medicine Department of Human Genetics Atlanta, Georgia	Ph.D. Neuroscience Advisor: David Weinschenker, Ph.D.

POSTGRADUATE:

2007 – 2008	Emory University School of Medicine Department of Neurology Yerkes National Primate Research Center Atlanta, Georgia	Electron Microscopy Fellowship Advisors: Yoland Smith, Ph.D., David Weinschenker, Ph.D.
2008 – 2009	Okinawa Institute of Science and Technology Neurobiology Unit Okinawa, Japan	Neurobiology Fellowship Advisor: Jeffery Wickens, Ph.D.
2008	University of Otago Department of Physiology Dunedin, New Zealand	Rodent Surgery Training Advisor: Brian Hyland, Ph.D.
2009 – 2011	Emory University Yerkes National Primate Research Center Atlanta, Georgia	Electrophysiology Fellowship Advisors: Thomas Wichmann, M.D. Yoland Smith, Ph.D.
2011 – 2013	Emory University Center for Ethics, Department of Neurology Atlanta, GA	Neuroethics Fellowship, Scholars Program for Interdisciplinary Neuroscience Research Advisors: Paul Root Wolpe, Ph.D. Stewart Factor, D.O.

SERVICE

COMMITTEE MEMBERSHIPS

1. National/International

<i>Founding member</i> , NEW (NeuroEthics Women) Leaders	2012 – Present
<i>Advisory committee</i> , Neuroethics Summit of Neuroethics Program Directors/ Leaders	2013
<i>Nominating committee (elected position)</i> , International Neuroethics Society	2014 – Present
<i>Co-chair Communications committee</i> , International Neuroethics Society	2014 – 2015
<i>International Member</i> , China-India Mental Health Alliance	2014
*This group, including members of the World Health Organization, has been commissioned by <i>Lancet</i> to write a series of papers on the implementation and implications of China's first mental healthcare law.	
<i>Co-chair</i> , Executive Committee, Biotechnology and the Ethical Imagination: A Global Summit	2015 – Present
*As co-chair of the BEINGS Executive Committee, I lead the drafting of an international consensus document with approximately 100 delegates representing 30 countries to create aspirational ethical and policy guidelines for human cellular technologies.	
<i>Member</i> , National Institutes of Health BRAIN Initiative Neuroethics Division	2015 – Present
*One of six national neuroethicists that evaluates and recommends approaches for problems involving ethics on funded grants	
<i>Program committee</i> , International Neuroethics Society	2016 – 2017
<i>Chair</i> , Global Neuroethics Summit	2017– Present
*As chair, I bring leading scientists and ethicist from the 6 national-level brain projects from around the globe to integrate neuroethics into their initiatives.	
<i>Co-chair</i> , Council of Neuroethics Leaders Task Force	2017– Present

2. Regional/State

Founding member, Atlanta Neuroethics Consortium 2011 – 2012

3. Institutional

Advisory committee, Center for Interdisciplinary Neuroscience at Emory 2012 – 2013

Director, Jones Program in Ethics, Emory University 2014

CONSULTANTSHIPS

Consultant on neuroethics and public communication 2012
Japan Consortium for Applied Neuroscience

Ethics mentor, NeuroLaunch (the world's first neuroscience startup accelerator) 2015 – Present

EDITORIAL ACTIVITIES

1. Editorships and Editorial Boards

Neuroscience Editor-in-Residence/Senior Associate Editor, American Journal of Bioethics (AJOB) Neuroscience
*AJOB Neuroscience is the official journal of the International Neuroethics Society 2011 – Present

Founder/Editor, The Neuroethics Blog: co-hosted by Emory University and AJOB Neuroscience 2011 – Present

- The largest international neuroethics online forum, this blog was cited as a resource in a neuroscience and ethics report (*Gray Matters: Integrative Approaches for Neuroscience, Ethics, and Society* Vol. 2 March 2015) to **US President Obama** by the Presidential Commission for the Study of Bioethical Issues. The blog has posted weekly since 2011.

2. Manuscript Reviewer:

American Journal of Bioethics Neuroscience	2011 – Present
Journal of Law, Medicine, and Ethics	2017
European Journal of Neurology	2014
Journal of Pharmacology and Experimental Therapeutics	2010 – 2011
Journal of Psychosomatic Research	2016
Journal of Neural Engineering	2015
FOCUS: The Journal of Lifelong Learning in Psychiatry	2014
Neuroscience	2010 – 2011
Neuron	2017
Multidisciplinary Digital Publishing Institute	2012
MIT Press (book proposal review)	2012
Georgetown University Press (book proposal review)	2013
Polity Press (book proposal review)	2013

3. Other Referee Activities

Poster/Abstract Reviewer, International Neuroethics Society 2016 – Present

Abstract Reviewer, Brain Matters 3: Values at the Crossroads of Neurology, Psychiatry, and Psychology 2012

Editor/Reviewer, The Neuroethics Blog of Emory University 2011 – Present

*The Neuroethics Blog is the neuroethics content partner for Society for Neuroscience (the world's largest professional neuroscience association) NeurOnline as well as the official blog of AJOB Neuroscience.

Editor/Reviewer, NeuroEthics Women (NEW) Leaders Blog 2012 – Present

*NEW Leaders is neuroethics professionalization group that aims to foster an inclusive network of neuroethics scholars

4. Scientific Review

Scientific Reviewer 2010
Parkinson's Disease Society of the **United Kingdom** (Foundation)

Scientific/Bioethicist Reviewer 2013 – Present
Department of Defense, Congressionally Directed Medical Research Programs
Psychological Health and Traumatic Brain Injury Research Program

HONORS AND AWARDS

Carr Scholarship (Full Academic Scholarship), Angelo State University,	1995 – 1999
B.S. Degree, Chemistry, Graduated Summa Cum Laude	1999
Pre-doctoral Fellowship, University of Texas at Austin, Center for Molecular & Cellular Toxicology	2001
Women in Neuroscience Travel Award, Society for Neuroscience	2005
Fellow, Mind and Life Summer Research Institute	2006, 2007
Postdoctoral Fellowship, Training Program in the Neurobiology of Drug Abuse at Emory University	2007, 2009
Early Scholar Award, Brain Matters International Neuroethics Conferences	2012
Postdoctoral Scholarship, Scholars Program in Interdisciplinary Neuroscience Research at Emory University	2011 – 2013
AJOB Neuroscience Top 25 Abstracts from International Neuroethics Society	2012 – 2014

PROFESSIONAL AND SCIENTIFIC SOCIETIES

International Basal Ganglia Society	2009 – 2010
Society for Neuroscience	2001 – Present
International Neuroethics Society	2010 – Present
Emory Chapter, Women in Neuroscience	2010 – Present
NEW Leaders (Neuroethics Women Leaders) *Founding Member	2012 – Present
American Society for Bioethics and Humanities	2016 – Present
Council of Neuroethics Program Leaders	2016 – Present
Co-chair, Council of Neuroethics Program Leaders Task Force	2017 – Present

ORGANIZATION OF NATIONAL/INTERNATIONAL CONFERENCES

Co-chair Inaugural Junior Researcher Retreat Planning Committee Okinawa Institute for Science and Technology (Japan)	2008
International Scientific Advisory Board Member Brain Matters 3, Neuroethics Conference Series	2012
Advisory and Planning Committee Use and Abuse of Neuroimaging in the Courtroom: Consensus Conference Co-sponsored by American Society for Neuroradiology and Atlanta Clinical and Translational Science Institute	2012
Advisory and Planning Committee Emory Neuroethics Student Symposium: Neuroscience, Law, and Ethics of Lie Detection	2012
Co-chair, Advisory Committee	2013

Emory Neuroethics Student Symposium co-sponsored by Emory Laney Graduate School:
Bias in the Academy: From Neural Networks to Social Networks

Organizer, Neuroethics Journal Club	2012 – 2015
Planning and Selection Committee Emory Annual Neuroscience and Ethics Award	2012 – Present
Co-chair Zombies and Zombethics! Walking with the Dead. An Ethics Symposium for the Living	2012 – Present
Advisory and Planning Committee Neurointerventions and the Law: Regulating Human Mental Capacity	2013 – 2014
Director and co-chair, Mind-Body/Brain Health Center Conference Series at Emory University *This series of 10 alternating consensus conferences and symposia that will set priorities for funding and research in areas related to medically unexplained illnesses and psychogenic movement disorders. These interdisciplinary conferences are meant to provide a forum for discussing value conflicts at the psychiatry-neurology interface.	2014 – Present
Co-chair, Program Committee, BEINGS, Biotechnology and the Ethical Imagination: A Global Summit *This conference brought together 200 delegates from 30 countries to create aspirational ethical and policy guidelines for human cellular technologies.	2015
Organizer, Neuroethics and Neuroscience in the News *This popular series invited experts to discuss the original primary research as well as the representations of that work in the media.	2016 – 2017
<i>Program committee</i> , International Neuroethics Society	2016 – Present
<i>Program committee</i> , US BRAIN Initiative Investigators Meeting	2017 – Present
Faculty Co-chair, Advisory Committee Emory Neuroethics Student Symposium co-sponsored by Emory Laney Graduate School: Preclinical Detection for Brain Diseases: A Neuroethical Dilemma	2017
Organizing Committee, 3 rd International Conference on Functional Neurological Disorders	2015 – 2017
Member, FND-COM, a committee working to set standard international outcomes measures for functional neurological disorder research	2017 – Present
Organizing Committee, Organization for Economic Cooperation and Development (OECD) Expert Consultation on Neurotechnology and Society & National Academy of Sciences	2017 – Present
Chair, Global Neuroethics Summit (Daegu, Korea) *This meeting brought together all 6 (existing and in development) national-level brain research projects from around the world to create a universal list of neuroethics questions to be asked by neuroscience researchers.	2017 – Present
Organizer, The Future Now NEEDs (Neurotechnologies and Emerging Ethical Dilemmas)... *This series invited experts to discuss the original primary research as well as the societal implications of recent innovations in artificial intelligence (AI), robotics, and neurotechnology.	2018 – Present

RESEARCH FOCUS

Dr. Rommelfanger is a neuroscientist with expertise in movement disorders and neuroethics, a field that explores the ethical and societal implications of emerging neuroscientific findings and neurotechnologies. Her current research

explores the nature and utility of placebo using psychogenic movement disorders as a therapeutic model as well as how new neurotechnologies inform cross-cultural definitions of health, disease, and clinical targets. She is also deeply involved in public communication and scholarship.

GRANT SUPPORT

COMPLETED SUPPORT

Grant Title: Attitudes on Mind over Matter: Physician Views on Placebo Therapy for Psychogenic Disorders
 Funding Agency: Emory University Neuroscience Initiative
 Role: PI
 Dates: 07/01/2011 – 6/30/2013
 Total Costs: \$100K

IN PROGRESS

Grant Title: Cross-cultural Neuroethics in the Global Brain Initiatives: International Neuroethics Summit
 Funding Agency: Kavli Foundation
 Role: PI
 Dates: 01/01/2017 – 12/31/2017; recurring
 Total Costs: \$65K

TEACHING

FORMAL TEACHING

Undergraduate Teaching

Course Name: Chemistry
 Role: Teaching Assistant
 Description: Grading, leading review sessions
 Year(s): 2000
 To Whom/#: Undergraduates/approx. 100
 Where: University of Texas at Austin, College of Pharmacy

Course Name: Introduction to Neurobiology
 Role: Teaching Assistant
 Description: Grading, leading review sessions
 Year(s): 2003
 To Whom/#: Undergraduates/approx. 100
 Where: Emory University, Atlanta, Georgia

Course Name: Introductory Neuroscience
 Role: Invited Guest Lecturer
 Description: Lectured on in vivo electrophysiology; neuroethics
 Year(s): 2010, 2012-2014
 To Whom/#: Undergraduates/approx. 50
 Where: Georgia Institute of Technology, Atlanta

Course Name: Feminism, Sexuality, and Neuroethics
 Role: Invited Guest Lecturer
 Description: Lectured on psychogenic movement disorders
 Year(s): 2012
 To Whom/#: Undergraduates/approx. 20
 Where: Emory University, Atlanta, Georgia

Course Name: Management in the Healthcare Sector
 Role: Invited Guest Lecturer
 Description: Lectured on neuroimaging and disorders of consciousness
 Year(s): 2012
 To Whom/#: Undergraduates/approx. 40
 Where: Georgia Institute of Technology, Atlanta

Course Name: NeuroEngineering Fundamentals
 Role: Invited Guest Lecturer
 Description: Lectured on neuroenhancement and neuroethics fundamentals
 Year(s): 2012, 2013
 To Whom/#: Undergraduates/approx. 15-20
 Where: Georgia Institute of Technology, Atlanta

Course Name: Biotechnology and Social Change
 Role: Invited Guest Lecturer
 Description: Lectured on neuroenhancement
 Year(s): 2013
 To Whom/#: Undergraduates/approx. 25
 Where: Kennesaw State University, Georgia

Course Name: Perspectives in Neuroscience and Behavior
 Role: Invited Guest Lecturer
 Description: Lectured on neuroethics case studies
 Year(s): 2013
 To Whom/#: Undergraduates/approx. 100
 Where: Emory University, Atlanta, Georgia

Course Name: Drug Development: From Proposal to Prescription
 Role: Invited Guest Lecturer
 Description: Lectured on drug development and ethics of placebo
 Year(s): 2012, 2014
 To Whom/#: Undergraduates/approx. 25; Graduates/approx. 10
 Where: Emory University, Atlanta, Georgia

Course Name: Current Topics In Neuroscience and Behavioral Biology
 Role: Module Lecturer
 Description: Neuroethics
 Year(s): 2015-2016
 To Whom/#: Undergraduates/approx. 100
 Where: Emory University, Atlanta, Georgia

Course Name: Neuropharmacology and Placebo
 Role: Invited Guest Lecturer
 Description: Lectured on the ethics of placebo therapy
 Year(s): 2016
 To Whom/#: Undergraduates/approx. 15
 Where: Emory University, Atlanta, Georgia

Course Name: Neuroethics
 Role: Lecturer
 Description: Study Abroad Summer Course in Neuroethics
 Year(s): 2016
 To Whom/#: Undergraduates/approx. 21
 Where: Emory University, Paris, France

Graduate Teaching

Course Name: Techniques in Neuroscience – Rodent Behavior
 Role: Module Lecturer
 Description: Hands on training for graduate students in neuroscience
 Year(s): 2007
 To Whom/#: Neuroscience graduate students/approx. 10
 Where: Emory University, Atlanta, Georgia

Course Name: Techniques in Neuroscience – Electrophysiology
 Role: Module Lecturer
 Description: Hands on training for graduate students in neuroscience
 Year(s): 2010
 To Whom/#: Neuroscience graduate students/approx. 10
 Where: Emory University, Atlanta, Georgia

Course Name: Basic Mechanisms of Neurological Diseases
 Role: Co-Instructor
 Description: Students engage clinicians, researchers, and patients; learn scientific article critique
 Year(s): 2010
 To Whom/#: Medical and Neuroscience graduate students/approx. 15
 Where: Emory University, Atlanta, Georgia

Course Name: Animals in Research
 Role: Invited Guest Discussant
 Description: Discussion of ethical issues with animals in research
 Year(s): 2011
 To Whom/#: Bioethics, Medical and Neuroscience graduate students/approx. 15
 Where: Emory University, Atlanta, Georgia

Course Name: Health, Disease, and Illness
 Role: Invited Guest Lecturer
 Description: Lectured on neuroenhancement
 Year(s): 2011
 To Whom/#: Bioethics graduate students/approx. 7
 Where: Emory University, Atlanta, Georgia

Course Name: Neuroscience: Communications and Ethics
 Role: Instructor for neuroethics modules
 Description: Students learn neuroethical critique, writing, and debate
 Year(s): 2011, 2012, 2014, 2015
 To Whom/#: Neuroscience graduate students/approx. 15
 Where: Emory University, Atlanta, Georgia

Course Name: Contemporary Issues in Neuroethics
 Role: Instructor
 Description: Students learn neuroethical critique, and writing
 Year(s): 2011, 2013, 2015, 2017
 To Whom/#: Bioethics, graduate students from across campus, upper level undergrad/approx. 10
 Where: Emory University, Atlanta, Georgia

Course Name: Quantitative Electrophysiology
 Role: Invited guest lecturer
 Description: Lectured on ethics of deep brain stimulation and brain machine interface
 Year(s): 2013
 To Whom/#: Graduate students/approx. 10
 Where: Georgia Institute of Technology, Atlanta

Course Name: Medical Student Capstone Selective, “Everyday Ethics for Residents”

Role: Co-instructor
 Description: Lectured on ethics for future medical residents
 Year(s): 2014
 To Whom/#: Graduate students/approx. 20
 Where: Emory University, Atlanta, Georgia

Course Name: Neuropathology and Neuroengineering
 Role: Invited guest lecturer
 Description: Lectured on ethics of neuroengineering
 Year(s): 2016
 To Whom/#: Graduate students/approx. 8
 Where: Emory University, Atlanta, Georgia

Course Name: Clinical Experiences for Engineers
 Role: Invited guest lecturer
 Description: Lectured on Neurohype
 Year(s): 2017
 To Whom/#: Graduate students/approx. 8
 Where: Emory University, Atlanta, Georgia

Course Name: Medicalization
 Role: Instructor
 Description: A survey of systems of power that influence medicine
 Year(s): 2017
 To Whom/#: Graduate students/approx. 9
 Where: Emory University, Atlanta, Georgia

Post graduate Teaching

Course Name: Neurology Didactics
 Role: Instructor
 Description: Lectured on and developed modules on psychogenic disorders
 Year(s): 2014
 To Whom/#: residents/approx. 20
 Where: Emory University, Atlanta, Georgia

SUPERVISORY TEACHING (student endorsements available upon request)

Graduate Student Neuroethics Scholars Program Fellows

Cyd Cipolla & Kristina Gupta

Emory University, Department of Women's, Gender, and Sexuality

September 2011 – September 2012

Project: Development and teaching of the undergraduate course: Feminism, Gender, and Neuroethics

Current position(s): Dr. Kristina Gupta is an Assistant Professor at Wake Forest University. Dr. Cyd Cipolla is an Associate Faculty at New York University and Visiting Research Fellow Weill Cornell Medical College.

Jason Shepard

Emory University, Department of Psychology

September 2011 – September 2012

Project: The impact of neuroscience-based anti-free will texts on human moral behavior

Current position: Dr. Shepard is a Visiting Assistant Professor in Psychology at Agnes Scott College in Atlanta, GA.

Riley Zeller-Townson

Georgia Institute of Technology, Department of Biomedical Engineering

September 2012 – September 2013

Project: Neuroethics & Bioart, neural cultures utilized for art project exploring agency

Current position: Completing graduate studies in biomedical engineering and has recently been hired by the Department of Defense.

Jennifer Sarrett

Emory University, Institute for Liberal Arts

September 2013 – September 2014

Project: Neurodiversity and communicating early diagnosis to parents of children with autism

Current position: Dr. Sarrett is a Lecturer at Emory University working in the Center for the Study of Human Health.

Graduate Student Directed Study

Ryan Purcell

Emory University, Department of Pharmacology, Neuroscience Program

June 2014 – August 2014

Project: Ethical implications of commercialized brain training games

Current position: Postdoctoral fellow in neuropharmacology at Emory University.

Academic Advisor for Graduate Bioethics Degree

Keenan Davis

Emory University, Master of Bioethics Program

June 2014 – June 2015

Project: Moderate Naturalism and Human Dignity

Current position: Pursuing graduate studies in religion at Emory University.

Victoria Vorholt

Emory University, Master of Bioethics Program

June 2015 – June 2016

Project: Informed Consent in Emergency Medicine

Current position: Medical Student at University of Louisville Kentucky

Celeste Fong

Emory University, Master of Bioethics Program

June 2017 – Present

Project: Ethics of Deep Brain Stimulation for Depression

American Journal of Bioethics Neuroscience Editorial Interns (Emory University)

Graduate Interns:

Nathan Ahlgrim (Neuroscience) 2017 – Present

Katie Kime Givens (Religion) 2016 – 2017

Current Position: Assistant Professor of Pastoral Psychology, University of Bern, Switzerland

Kristie Garza (Neuroscience) 2017 – Present

Carlie Hoffman (Neuroscience) 2015 – Present

Ryan Purcell (Neuroscience) 2013 – 2017

Current Position: Postdoctoral Fellow, Emory University.

Lindsey Grubbs (English) 2015 – 2016

Current position: Completing doctoral studies in English at Emory University.

Katie L. Strong (Chemistry) 2013 – 2016

Current position: Technical writer at a Patent Firm in Atlanta, GA.

Julia Haas (Philosophy) 2012 – 2014

Current position: Assistant Professor of Philosophy, Rhodes College, Memphis, TN.

Undergraduate Interns:

Sunidhi Ramesh (Neuroscience & Sociology) 2015 – Present

Shweta Sahu (Neuroscience) 2015 – 2017

Current position: Post-baccalaureate at the National Institutes of Health.

Jonah Queen (Neuroscience) 2012 – 2014

Current position: Ethics Program Coordinator for the Atlanta Jewish Academy high school STEM program.

Julia Marshall (Psychology) 2013 – 2015

Current position: Pursuing graduate studies in moral psychology at Yale University.

Undergraduate Thesis Committee

Stepheni Uh

Emory University, Neuroscience and Behavioral Biology Major

May 2013- May 2014

Project: The Relationship Between Sociomoral Disgust and Physical Disgust: Investigation of Facial Affect in Response to Purity and Fairness Violations

Current position: Research Assistant, University of Pennsylvania, Center for Autism Research Center for UPenn and Children's Hospital (CHOP), Philadelphia, PA, will start at University of Cambridge in fall 2018)

Undergraduate Neuroethics Interns

Sabrina Bernstein, Emory University, Physics	2011 – 2012
Shezza Shagarabi, Emory University, Neuroscience and Behavioral Biology	2011 – 2012
Ethan Craig, Georgia Institute of Science and Technology, Biomedical Engineering	2012
Ross Gordon, Emory University, Psychology	2012
Anjana Kallarackal, Georgia Institute of Science and Technology, Science, Technology, and Culture	2012
Jonah Queen, Emory University, Neuroscience and Behavioral Biology	2011 – 2013
Caitlin McCoyd, Georgia State University, Philosophy	2013 – 2014
Julia Marshall, Emory University, Psychology	2013 – 2015
Ibrahima Diallo, Emory University, Neuroscience and Behavioral Biology	2015 – 2016

Other

Judge, Division Students Advisory Council Graduate Research Symposium
Emory University 2010, 2013

*Mentoring in neuroethics public scholarship through **The Neuroethics Blog** at Emory* 2011 – Present
The Neuroethics Blog is the largest neuroethics online forum in the world. It has a readership of over 40 countries. I routinely recruit, edit, and mentor on public scholarship 48 posts/year from contributors that include student, faculty, science writers throughout the country. It is the neuroethics content partner for Society for Neuroscience (the world's largest professional neuroscience association) NeurOnline as well as the official blog of *AJOB Neuroscience* and the International Neuroethics Society.

LECTURESHIPS AND SEMINAR INVITATIONS

1. National/International

Mind over Matter: Placebo for Psychogenic Movement Disorders. *University of Tokyo/Japan Science and Technology Agency, Japan*, September 24, 2012.

Panelist, A Decade of Neuroethics: A Conversation. *International Neuroethics Society*, San Diego, CA, October 12, 2012.

Attitudes on Mind Over matter: Physician views on the role of placebo in psychogenic disorders. *International Neuroethics Conference, Brain Matters 3: Values at the Crossroads of Neurology, Psychiatry, and Psychology*, October 25, 2012.

Placebo for Psychogenic Movement Disorders, *Shanghai Jiao Tong University/Shanghai Mental Health Center, China*, May 7, 2013.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Psychosomatic Interest Group University of Pennsylvania*, Philadelphia, PA, April 3, 2014.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Biomedical Ethics and Law Program University of Zurich, Switzerland*, August 10, 2015.

Ethics and Implications for the Individual: Invasive Neural Enhancements. Human Performance Enhancement Workshop. *American Academy of Arts & Sciences*, Cambridge, MA, January 21, 2016.

On the BRAIN Initiative and Neuroethics. *Ethics Advisory Board Meeting of the Human Brain Project*, Basel, **Switzerland**, March 2, 2016.

When I Becomes We: Ethical Implications of Emerging Brain-to-Brain Interfacing Technologies. *Program in Values Symposium on Stimulating the Self*. Seattle, WA, April 22, 2016.

Is Placebo Use, Surgery or Drugs, Ethically Justifiable in Psychogenic Disorders? [Neuroethics Network](#), Paris, **France**, June 30, 2016.

Panelist, Roundtable with NIH BRAIN Initiative Neuroethics Workgroup, *Kavli Futures Symposium*, Columbia, University, New York, NY, September 9, 2016.

Moderator, Dead Wrong? Ethical Implications of Misdiagnosis in Brain Death and the Vegetative State, American Society for Bioethics & Humanities, DC, October 7, 2016.

Moderator, Deconstructing Therapeutic Neurotechnology Narratives: A case study of deep brain stimulation for depression. International Neuroethics Society, San Diego, CA, November 11, 2016.

Closing Keynote, Future Brain Identities, Lost in Translation. Future. Today Summit, NYC 92Y, December 7, 2016

Brain Enhancement: Gray Matters, Voya Financial, NYC, December 7, 2016.

What is neuroethics? BRAIN Initiative Investigator's Meeting, Bethesda, MD, December 14, 2016.

Updates on the BRAIN Neuroethics Division, Human Brain Project Ethics Advisory Board, Bristol, **England**, March 28, 2017.

Reading Neuronal Activity: A Case Study, Ethical Guidelines for Neurotechnology Workshop, Columbia Neurotechnology Center, NYC, May 22, 2017.

Predictive Brain Health: Ethical Issues in the Liminal Zone of Diagnoses. Lundbeck International Neuroscience Foundation, Helsingor, **Denmark**, June 11, 2017.

Attitudes and Ethics that Inform Medical Practice: What have we not said yet? Third International Congress on Functional Neurological Disorders, Edinburgh, **Scotland**, September 8, 2017.

Introduction to Neuroethics, International Brain Research Organization Advanced School on Functional Brain Mapping and Advanced Neurotechnologies, Daegu, **South Korea**, October 19, 2017.

Moderator, Ethical Issues in Research with Invasive and Non-Invasive Neural Devices in Humans. National Institutes of Health Department of Bioethics, Bethesda, MD, USA October, 26, 2017.

Co-chair, Reflecting on our international roots and planning our collaborative futures, International Ambassador Session, International Neuroethics Society, Washington, DC, USA November 9, 2017

Global Brain Projects: cross-cultural perspectives and value conflicts in experimental design. (Panel with AAAS Dialogues on Science & Religion), Society for Neuroscience, Washington, DC, USA November 12, 2017.

Mind Over Matter: Placebo for Functional (Psychogenic) Movement Disorders. National Taiwan University, Department of Psychiatry Grand Rounds, Taipei, **Taiwan**, Republic of China December 2, 2017.

Internet-Based Brain Training Games, Citizen Scientists and Ethical Issues in Unprecedented Virtual Territories, Banbury Center (Science Think Tank), Cold Spring Harbor, NY, USA. February 5, 2018.

(Moderator), Perspectives from the public in Direct-to-Consumer Neurotechnologies, [Banbury Center](#) (Science Think Tank), Cold Spring Harbor, NY, USA, February 6, 2018.

Neuroethics in the big brain initiatives: Necessity or luxury? Human Brain Project Student Conference, Ljubljana, **Slovenia**, February 15, 2018.

2. Local/Regional

It Takes Two: How Neurons Contribute to the Development of Parkinson's Disease *Atlanta Science Tavern*, Georgia September 25, 2010.

Magnetic Resonance Imaging and Lie Detection *Atlanta Science Tavern*, Georgia. August 11, 2011.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Psychology Lecture Series at Augusta State University*, October 14, 2011.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Frontiers in Neuroscience at Emory University*, October 5, 2012.

Does this lab coat make me look fat? *Emory Women in Neuroscience*, Atlanta, Georgia, November 29, 2012.

Panelist, *Intersections: An Interdisciplinary Conference on Gender and Sexuality*. *Georgia Gwinnett College*, March 2, 2013.

Is it all in your head? Neuroscience, Belief, and Illness: What we can learn from the neuroscience of placebo and psychogenic disorders. *Atlanta Science Tavern/Atlanta Science Skeptics*, Georgia, April 20, 2013.

Better than Well? Neuroenhancement and Beyond. *Agnes Scott Neuroethics Lecture Series*, Atlanta, Georgia, February 5, 2014.

Better than Well? Neuroenhancement and Beyond *University of Tennessee Knoxville Undergraduate Research Symposium Keynote Address*, April 12, 2014.

Moderator, Neuroscience, Neuroenhancement and the Future of Bioethics, *Embracing Change: Balancing Innovation and Our Humanity*. *20th Annual Conference of the Healthcare Ethics Consortium*, Emory University, Atlanta, GA, March, 21, 2014.

Panelist, *Atlanta Science Festival: Ask a Scientist Night*, Decatur GA, March 24, 2014.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Neurosurgery Grand Rounds*, Emory University, Atlanta, GA, June 19, 2014.

Panelist, *The Substance: Albert Hofmann's LSD*. *Atlanta European Science Café*, Consulate General of Switzerland, GA, October 15, 2014.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Nursing Grand Rounds*, Emory University, Atlanta, GA, December 2, 2014.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Skyland Trail (nonprofit residential mental health organization), Professional Advisory Board Speaker Series*, Atlanta, GA, March 9, 2015.

Panelist, Study Drugs: Exploring the Ethics of Cognitive Enhancement, *Emory Committee on Academic Integrity*, Atlanta, GA, March 17, 2015.

Somewhere Over the Brain-Bow, *Atlanta Science Festival*, Neurotechnology: Fact, Fiction & Future, GA, March 23, 2015.

Moderator, Exploring the promise and pitfalls of altering human cells. Atlanta, GA *Atlanta European Science Café, Alliance Francaise (Atlanta French Consulate)*. April 21, 2015.

Panelist, Self/less movie prescreening on life extension. Regal Atlantic Stations/*Gramercy Productions*, June 25, 2015.

Panelist, Ethical Decision-Making in Psychological Practice, *Grady Memorial Hospital*, Atlanta, GA, September 25, 2015.

Host/moderator, Psychosomatic Disorders: Real or Imagined? *Atlanta Science Tavern*, October 9, 2015.

Mind over Matter: Placebo for Psychogenic Movement Disorders. *Neurology Grand Rounds, Emory University*, Atlanta, GA, April 1, 2016.

Better than Well? Neuroenhancement and Beyond. *Paul M. Fernoff Lecture Ethics in Science Memorial Lecture Keynote Address*, Atlanta Jewish Academy, Georgia, September 28, 2016.

Mind over Matter: Placebo for Psychogenic Movement Disorders. Memorial Health Grand Rounds, Savannah, GA, August 4, 2017.

OTHER ACTIVITIES

Public Scholarship

PHRG: Intersections of Philosophy and Politics Salon (Co-founder)	2009 – 2010
Brainbowconnection.wordpress.org: Neuroscience from Ethics to Policy Blog	2010 – 2011
The Neuroethics Blog: co-hosted by Emory University and <i>AJOB Neuroscience</i> (Founder/Editor)	2011 – Present
<ul style="list-style-type: none"> The largest international neuroethics online forum, this blog was cited as a resource in a neuroscience and ethics report (<i>Gray Matters: Integrative Approaches for Neuroscience, Ethics, and Society</i> Vol. 2 March 2015) to US President Obama by the Presidential Commission for the Study of Bioethical Issues 	
NeuroEthics Women Leaders Blog: Professional Development Resource (Founder)	2012 – Present
Community Outreach	
Brain Awareness Week, Atlanta Public School System	2003
Eyedrum Art & Music Gallery, Atlanta (Sound engineer)	2003 – 2006
Pancakes for Parkinson's disease (Fundraising for Michael J. Fox Foundation)	2010
Leader/Facilitator, Neuroethics Journal Club (Neuroscience, Neuroethics, and the News)	2011 – Present

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 - Featured by the *Michael J. Fox Foundation Parkinson's in the News, Loss of Two Types of Neurons Triggers Parkinson's Symptoms, Study Suggests* (2007).
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7. Hammerschmidt T, Kummer M, Terwel D, Martinez A, Gorji A, Pape H-C, **Rommelfanger KS**, Schroeder J, Stoll M, Schultze J, Weinshenker D, Heneka M. Selective loss of noradrenaline exacerbates early cognitive dysfunction and synaptic deficits in APP/PS1 mice. 73:454-63 *Biol Psychiatry* (2013).
8. **Rommelfanger KS***. Attitudes on Mind Over Matter. Placebos for Psychogenic Disorders 4:9-15 *AJOB Neuroscience* (2013).
9. **Rommelfanger KS***. Placebo for Psychogenic Disorders. *Nat Rev Neurology* 9:351-56 (2013).
10. Meltzer CC, Sze G, **Rommelfanger KS**, Kinlaw K, Banja J, Wolpe PR. Guidelines for the Ethical Use of NeuroImages in Medical Testimony: Report of a Consensus Conference *Am J Neuroradiol* 35: 632-7 (2014).
11. Galvan A, Hu X, **Rommelfanger KS**, Pare JF, Smith Y, Wichmann T. Localization and Function of Dopamine Receptors in the Subthalamic Nucleus in Normal and Parkinsonian monkeys *Journal of Neurophysiology* 112:467-79 (2014).
12. Purcell RH and **Rommelfanger KS***. Biometric Tracking from Professional Athletes to Consumers. *AJOB* 17: 72-74 (Open Peer Commentary, 2016).
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14. **Rommelfanger KS***, Rapaport MH, Factor SA, LaRoche S, Rosen P, Young R. Disentangling Stigma from Functional Neurological Disorders: Conference Report and Roadmap for the Future. *Frontiers in Neurology* 8:1-7 (2017).
15. Ramos KM, **Rommelfanger KS**, Greely HT, Koroshetz WJ. Neuroethics and the NIH BRAIN Initiative *Journal of Responsible Research Innovation* (in press, 2017).
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MANUSCRIPTS SUBMITTED/ IN PREPARATION *contact author

1. Phillips MR, Pathare S, **Rommelfanger KS**, Nanda S, Deng F and Fralick D. What can we learn from China and India's Mental Health Care Laws? (commissioned for series in Lancet)
2. Ahlgrim N, **Rommelfanger KS*** et al A review on Preclinical Detection Technologies in Neuroscience
3. Crowell A* and **Rommelfanger KS*** et al How we get the ethics of deep brain stimulation wrong (commissioned by Lancet Psychiatry)
4. Purcell RH and **Rommelfanger KS*** et al, Brain Behavior Quantification
5. **Rommelfanger KS*** et al, Cross-cultural Neuroethics in the Global Brain Projects (for *Neuron* as part of a series I've been commissioned to lead)

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4. Drewry K and **Rommelfanger KS***. Neuroethics. *Medlink Neurology* (in press, 2017)
5. **Rommelfanger KS*** and Boshears P The Rubicon Already Crossed *AJOB Neuroscience* (in press, 2017)

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4. **Rommelfanger KS** and Sarrett J. Are we ready for a test that could 'pre-diagnose' autism in babies? *The Conversation* July 31, 2015.
5. **Rommelfanger KS** and Boshears P. Human Head Transplants are about to happen in China: But where are the bodies coming from? *Newsweek* November 16, 2017.

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2. Profiled in *International Neuroethics Society Newsletter*, January 7, 2014.
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4. Quoted in *USA Today*, "Light can switch bad memories to good," August 27, 2014.
5. Interviewed about preclinical detection for *Medical Ethics Advisor*, September 2014 Volume 30(9), pg. 97-108.
6. Interviewed for *Quo* (Mexico City), "Cuerpo y mente unidos por un chip" (Body and mind united on a chip), November 2014, pg. 41-44.
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8. Quoted in *The New York Times*, "Scientist Demonstrate Animal Mind Melds," July 9, 2015 online (in print on July 14, 2015 ScienceTimes D1, pg. 4).
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15. Quoted in the *Epoch Times*, “‘Head Transplant’ Research in China Raises Serious Concerns,” November 22, 2017.
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17. Interviewd for *Georgia Public Broadcasting*, “Why we cheat at work.” November 28, 2017.
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19. Quoted in the *Epoch Times*, “China Cloning: The Message in the Monkeys” January 30, 2018.

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2. **Rommelfanger KS**, Miller GW, Weinshenker D: MPTP Toxicity in Dopamine beta hydroxylase and Alpha2 adrenoreceptor Knockout Mice. *Society for Neuroscience*, 2004.
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17. Kohn JN, **Rommelfanger KS**. Keep Calm and Carry On? Neuroethical Implications of Mindfulness-based Interventions in Western Medicine. *International Neuroethics Society*, 2014.
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19. Strong KL, **Rommelfanger KS**. Consuming Brain Interfaces: Exploring Ethical Implications of recent advances in physiological computing. *International Neuroethics Society*, 2014.
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