

CURRICULUM VITAE

Karen S. Rommelfanger, Ph.D.

BIOGRAPHICAL

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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 Weinshenker, 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 Weinshenker, 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

Founding member, NEW (NeuroEthics Women) Leaders 2012 – Present

Advisory committee, Neuroethics Summit of Neuroethics Program Directors/ Leaders 2013

Nominating committee (elected position), International Neuroethics Society 2014 – Present

Co-chair Communications committee, International Neuroethics Society 2014 – 2015

International Member, China-India Mental Health Alliance 2014

*This group, including members of the World Health Organization, has been commissioned by *Lancet* to write a series of papers on the implementation and implications of China's first mental healthcare law.

Co-chair, 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.

Member, 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 as well as sets funding priorities for neuroethics grants

2. Regional/State

Founding member, Atlanta Neuroethics Consortium 2011 – Present

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, American Journal of Bioethics (AJOB) Neuroscience 2011 – Present

*AJOB Neuroscience is the official journal of the International Neuroethics Society

2. Manuscript Reviewer:

American Journal of Bioethics Neuroscience 2011 – Present

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
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

<i>Poster/Abstract Reviewer</i> , International Neuroethics Society	2016
<i>Abstract Reviewer</i> , Brain Matters 3: Values at the Crossroads of Neurology, Psychiatry, and Psychology	2012
<i>Editor/Reviewer</i> , The Neuroethics Blog of Emory University *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.	2011 – Present
<i>Editor/Reviewer</i> , NeuroEthics Women (NEW) Leaders Blog *NEW Leaders is neuroethics professionalization group that aims to foster an inclusive network of neuroethics scholars	2012 – Present

4. Scientific Review

Scientific Reviewer Parkinson's Disease Society of the United Kingdom (Foundation)	2010
Scientific/Bioethicist Reviewer Department of Defense, Congressionally Directed Medical Research Programs Psychological Health and Traumatic Brain Injury Research Program	2013 – Present

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) 2012 – Present

American Society for Bioethics and Humanities 2016

ORGANIZATION OF NATIONAL/INTERNATIONAL CONFERENCES

Co-chair 2008
Inaugural Junior Researcher Retreat Planning Committee
Okinawa Institute for Science and Technology (Japan)

International Scientific Advisory Board Member 2012
Brain Matters 3, Neuroethics Conference Series

Advisory and Planning Committee 2012
Use and Abuse of Neuroimaging in the Courtroom: Consensus Conference
Co-sponsored by American Society for Neuroradiology and Atlanta Clinical and Translational Science Institute

Advisory and Planning Committee 2012
Emory Neuroethics Student Symposium: Neuroscience, Law, and Ethics of Lie Detection

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

Planning and Selection Committee 2012 – Present
Emory Annual Neuroscience and Ethics Award

Co-chair 2012 – Present
Zombies and Zombethics! Walking with the Dead. An Ethics Symposium for the Living

Advisory and Planning Committee 2013 – 2014
Neurointerventions and the Law: Regulating Human Mental Capacity

Director and co-chair, Mind-Body/Brain Health Center Conference Series at Emory University 2014 – Present
*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.

Co-chair, Program Committee, BEINGS, Biotechnology and the Ethical Imagination: A Global Summit 2015
*This conference brought together delegates from 30 countries to create aspirational ethical and policy guidelines for human cellular technologies.

Program committee, International Neuroethics Society

2016 – 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 definitions of health, disease, and clinical targets.

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

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
 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

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: Completing graduate studies in neuroscience.

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.

American Journal of Bioethics Neuroscience Editorial Interns (Emory University)

Graduate Interns:

Katie Kime Givens (Religion) 2016 – Present

Carlie Hoffman (Neuroscience) 2015 – Present

Ryan Purcell (Neuroscience) 2013 – Present

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.

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 – Present

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 CommitteeStepheni 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 Neuroscience and Society (Neuroethics at Penn Program).

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

I routinely mentor on public scholarship for ~10 regular and ~5 visiting contributors that include student, faculty, science writers throughout the country. The Neuroethics Blog has a readership of over 40 countries. 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.

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.

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 recent 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
<i>Community Outreach</i>	
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

BIBLIOGRAPHY

PUBLISHED AND ACCEPTED ARTICLES

- Rommelfanger KS**, Weinshenker D, Miller GW. Reduced MPTP Toxicity in Noradrenaline Transporter Knockout Mice. *J Neurochem* 91:1116-24 (2004).
- Rommelfanger KS**, Edwards GL, Freeman KG, Liles LC, Weinshenker D. Norepinephrine loss produces more profound motor deficits than MPTP treatment in mice. *PNAS* 104: 13804-9 (2007).
 - Featured in *Scientific American: Fingering the Neural Perp in Parkinson's Disease* (2007).
 - 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).
- Rommelfanger KS**, Mitrano DA, Smith Y, Weinshenker D. Light and electron microscopic localization of alpha-1 adrenergic receptor immunoreactivity in the rat striatum and ventral midbrain. *Neuroscience* 158: 1530-40 (2009).
- Yanpallewar SU, Fernandes K, Marathe S, Vadodaria KC, Jhaveri D, **Rommelfanger K**, Ladiwala U, Jha S, Muthig V, Hein L, Bartlett P, Weinshenker D, Vaidya VA. Alpha2-adrenoceptor blockade accelerates the neurogenic, neurotrophic, and behavioral effects of chronic antidepressant treatment *J Neurosci* 30: 1096-1109 (2010).
- Rommelfanger KS**, Boshears P. Ethical Use of Neuroscience. *AJOB Neuroscience*, 2: 19-21 (Open Peer Commentary, 2011).

6. Hadipour-Niktarash A, **Rommelfanger KS**, Masilamoni GJ, Smith Y, Wichmann T. Extrastriatal D2-like receptors modulate basal ganglia pathways in normal and parkinsonian monkeys 107: 1500-1512 *J Neurophysiol* (2011).
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).

MENTORED STUDENT PAPERS

1. Trimper JB, Wolpe PR, **Rommelfanger KS**. When I Becomes We: Ethical implications of emerging brain-to-brain interfacing technologies. *Frontiers in Neuroengineering* 7:4 (2014).
2. Purcell, RH and **Rommelfanger KS**. Internet-based brain training games, citizen scientists, and neuroprivacy of big data: Ethical issues in unprecedented virtual territories *Neuron* 86:356-9 (2015).
3. Sarrett JC and **Rommelfanger KS**. Commentary: Attention to eyes is present but in decline in 2-6-month-old infants later diagnosed with autism. *Frontiers in Public Health, Child Health and Human Development*. 3:272 (2015).

MANUSCRIPTS SUBMITTED/ IN PREPARATION

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?
2. **Rommelfanger, KS** and the Biotechnology and the Ethical Imagination Summit Delegates. The BEINGS Summit, Statement of Principles (submitted Nature Biotechnology)
3. **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 (submitted JAMA Neurology)
4. Purcell, RH and **Rommelfanger KS**. Biometric Tracking from Professional Athletes to Consumers. *AJOB* (in press, 2016).

REVIEW ARTICLES/EDITORIALS

1. **Rommelfanger KS**, Weinshenker D. Norepinephrine: The redheaded stepchild of Parkinson's disease. *Biochem Pharmacol* 74: 177-190 (Invited review, 2007).
2. **Rommelfanger KS**, Wichmann T. Extrastriatal Dopaminergic Circuits of the Basal Ganglia. *Frontiers in Neuroanatomy* 139: 1-17 (Invited review, 2010).
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