

Curriculum Vitae
(Abridged – Neuroethics)
Paul J. Ford, Ph.D.

Present Position:

Clinical Bioethicist
The Cleveland Clinic Foundation

Assistant Professor of Medicine
Cleveland Clinic Lerner College of Medicine

Office Address:

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Education:

Vanderbilt University, Ph.D. (Philosophy), December 2000.

Dissertation Title: *Virtual Shifts In Disabling Realities: Disability, Computer Mediated Environments and Selves.*

Vanderbilt University, M.A. (Philosophy), May 1999.

Walla Walla College, B.A. *cum laude* (Computer Science and Humanities), June 1995.
B.S. *cum laude* (Mathematics), June 1995.

Areas of Specialization: Neuroethics; Clinical Ethics Consultation; End-of-Life issues.

Present Academic Appointments:

Associate Professional Staff, Cleveland Clinic Foundation.

Department of Bioethics, Primary appointment, 2001-present.

Department of Neurology, Secondary appointment, 2006-present.

Assistant Professor, Division of Medicine, Cleveland Clinic Lerner College of Medicine of Case Western Reserve University, 2004-present.

Clinical Experience:

Member, Ethics Consultation Service, The Cleveland Clinic Foundation, 2001-present.
(Approximately 500 consultations on an individual consultant model)

Member, weekly patient management meeting for Deep Brain Stimulation Team, 2002-present.

Awards and Honors: (see full CV)

Grants:

“Themes and Issues Raised by Neurosurgery Residents in Ethics Case Write-ups.” BioEthics Network of Ohio, **Role: Co-Principal Investigator.** February 2006-Present. (\$750)

“Retrospective Review of Preoperative Ethics Consultations for Epilepsy Surgery Candidates.” Cleveland Clinic Foundation Research Institute Internal Funding Program, **Role: Principal Investigator.** November 2003-November 2006. (\$6,600)

Media Interviews:

Quote (short television clip), “Medical: Criminal Mind,” Evening News, *WJLA (ABC affiliate)*, Washington, DC, reporter: Kathy Fowler, first broadcast April 30, 2007

Interview (extensive). “It’s my story: Ethicist on Call,” *BBC 4 radio*, 28 minute program, first broadcast July 20, 2006. (re-broadcast May 02, 2007)

Research reported, “Epilepsy-Surgery Ethics Consultation Helpful for Neurologists, Neurosurgeons,” *CNS News*, print article reviewing research results, March 2005.

Selected Publications:

Peer Reviewed Journal Articles:

1. Boissy AR, **Ford PJ**, Edgell RC, Furlan A. Under Review. “Ethics Consultations in Patients Admitted To Neurological Centered Hospital Units: A Seven Year Retrospective Review”
2. Illes J., Kirschen MP, Edwards E, Stanford LR, Bandettini P, Cho M, **Ford PJ**, et. al. In Press. “Practical Approaches to Incidental Findings in Brain Imaging Research.” *Neurology*.
3. **Ford PJ**, Boulis N, Montgomery E, Rezai A. 2007. “Ethical Dilemmas When a Patient Intraoperatively Revokes Consent.” *Neuromodulation*, 10(4): 259-262.
4. **Ford PJ**. 2007. “Neurosurgical Implants: Clinical Protocol Considerations.” *Cambridge Quarterly of Healthcare Ethics*, 16(3): 310-313.
5. Kubu CS, **Ford PJ**. 2007. “Ethics in the Clinical Application of Neural Implants” *Cambridge Quarterly of Healthcare Ethics*, 16(3): 319-323.
6. **Ford PJ**, DeMarco JP, 2007. “Brains, Ethics, and Elective Surgeries: Emerging ethics consultation.” *Ethics and Medicine*, 23(1): 39-45.
7. **Ford PJ**. 2007. “Cardiac Events and Brain Injury: Ethical Implications,” *Cleveland Clinic Journal of Medicine*, 74:S138-141.
8. **Ford PJ**, Kubu CS. 2007. “Ameliorating and Exacerbating: Surgical “Prosthesis” in Addiction.” Commentary. *American Journal of Bioethics (AJOB-Neuroscience)*, 7(1):32-34.

9. Illes J., Kirschen MP, Edwards E, Stanford LR, Bandettini P, Daniel M, **Ford PJ**, et. al. 2006. "Incidental Findings in Brain Imaging Research." *Science*, 311: 783-784.
10. **Ford PJ**, Henderson J. 2006. "The Clinical and Research Ethics of Neuromodulation." *Neuromodulation*, 9(4). [Expanded version of editorial in *NANS News*, 1(1).]
11. **Ford PJ**. 2006. "From Treatment to Enhancement in Deep Brain Stimulation: A question of research ethics." *The Pluralist*, 1(2):35-44.
12. **Ford PJ**, Kubu CS. 2006. "Stimulating Debate: Ethics in a Multidisciplinary Functional Neurosurgery Committee." *Journal of Medical Ethics*, 32(2): 106-109.
13. Bramstedt KA, **Ford PJ**. 2006. "Protecting Human Subjects: Psychogenic dystonia as an exclusion criterion for neurosurgical dystonia trials." *Contemporary Clinical Trials*, 27: 161-164.
14. **Ford PJ**, Kubu CS. 2005. "Caution in Leaping From Neuroimaging to Neuromodulation." Commentary. *American Journal of Bioethics*, 5(2): 23-25.
15. **Ford PJ**. 2001. "A Further Analysis of the Ethics of Representation in Virtual Reality: Multi-user Environments." *Ethics and Information Technologies*, 3(2): 113-121.
16. **Ford PJ**. 2001. "Paralysis Lost: Impacts of Virtual Worlds on Those with Paralysis." *Social Theory and Practice*, 27(01): 661-680.

Edited Books:

1. **Ford PJ**, Dudzinski DM. eds. Contracted, *Complex Ethical Consultations: Cases that Haunt Us*. Cambridge University Press.
2. Hester DM, **Ford PJ**. eds. 2001. *Computers and Ethics in the Cyberage*. Prentice Hall, 498pp.

Edited Journal Sections/Special Issues:

1. **Ford PJ**. ed. Invited. "Clinical Neuroethics Consultation," Special Issue of *HEC Forum*

Book Chapters/Encyclopedia Entries:

1. **Ford PJ**, Deshpande A. In Press. "Brain Injury and Ethics." *Brain Trauma and Critical Care*. eds. Jall J, Loftus CM. Thieme.
2. **Ford PJ**. In Press. "Spinal Injury and Ethics." *Spine Trauma and Critical Care*. eds. Jallo J, Vaccaro AR. Thieme.
3. **Ford PJ**. In Press. "Hacking the Mind: Existential Enhancement in *Ghost in the Shell*," in "Bioethics through Film," ed. Shapshay S. John's Hopkins University Press.

4. Wolpe P, **Ford P**, Harhay M. 2007. "Ethical Issues in Deep Brain Stimulation" in *Deep Brain Stimulation for Parkinson's Disease*. eds Baltuch G, Stern M. Taylor & Francis.
5. **Ford PJ**, Henderson J. 2005. "Neuroethics in the Operating Room: functional neurosurgical interventions," in *Neuroethics in the 21st Century: Defining the Issues in Theory, Practice and Policy*, ed. Judy Illes. Oxford University Press: 213-228.
6. **Ford, PJ**. 2003. "Virtually Impacted: Designers, Spheres of Meanings, and Virtual Communities," in *Virtual Morality*, ed. Mark Wolf, Peter Lang Publishers.

Newsletters, Abstracts, Book Reviews, Letters, and Other:

1. Moskowitz S, **Ford PJ**. 2006. "Ethical Issues Associated with Health Care Industry Representatives in the Operating Room." *SpineLine* 4(5): 38-40.
2. Boissy A, **Ford PJ**. 2006. "Death by Neurological Criteria: Continued Controversies." *CCF Alumni Connection*. 27(1): 17.
3. **Ford PJ**, Henderson J. 2006. "Ethics of Neuromodulation." *NANS News (Newsletter for the American Society for Neuromodulation)* 1(1): 6.
4. **Ford PJ**. 2005. "Controversies in Care: Brain Pace-Makers for Depression." *CCF Alumni Connection*. 26(3): 15, 23.
5. **Ford PJ**. 2004. "Hot Topics in Neuro-ethics," *Bio Quarterly*, 15(1): 1-4.

Professional Activities

Professional Organizations: (See full CV):

Editorial Board:

Journal of Neuroethics (Associate editor) 2007- Present. (First issue to appear 2008)

Committee Service:

Member, Hospital Ethics Committee, Cleveland Clinic Foundation, October 2001-Present.
Current Subcommittees: Brain Death [Chair]; Documentation [Chair]; Consultation.

Member, Research Subject Review Committee, "DBS in Patients with Intractable Major Depression," PI: Malone D, 2005-Present

Member, Data and Safety Monitoring Board, "Electrical Stimulation of the Thalamic Intralaminar Nuclei (ILN) for Treatment of the Minimally Conscious State," Funding: Cornell University, September 2004-2006.

Curriculum & Conference Development/Planning:

Organizer, *Psychiatric Surgery: Enhancing or Limiting Liberty*, Liberty Fund Seminar, Planned for May, 2008.

Co-Organizer with Schiff S, Marks J, Farah M, Mwase I. *Implanting Change: The Ethics of Neural Prosthesis*. August 26-28, 2007.

Co-Organizer with Jacobs M. "Ethical Issues in Epilepsy Surgery Research: When to enroll patients in a surgical trial" Plenary Panel at *17th International Epilepsy Symposium: Epilepsy Surgery*, Cleveland, Ohio, June 28, 2007.

Second Year Neurology and Neuroanatomy Module Development Committee, Cleveland Clinic Lerner College of Medicine at Case Western Reserve University, 2005.

Member, Planning Committee, "Detection and Disclosure of Incidental Findings in Neuroimaging Research," *Trans NIH/Stanford Meeting*, Bethesda, Maryland, Jan. 6-7, 2005

Four Hour CEU course: Continuing Education for Neuropsychologists, with Griggins C., *Ohio Neuropsychologist's Association*, 2005.

Presentations

National/International Conferences (Oral Presentations)

"Ethics of Testing New Technologies on Those with Alterations of Consciousness." Fifth Annual Neurocritical Care and Stroke Conference, Cleveland, OH, for presentation Oct. 06, 2007.

"Who should control the brain device after implant?" *Implanting Change: The Ethics of Neural Prosthesis*, Pennsylvania State University, to be presented August 27, 2007.

"A Cautionary Tail: Teaching Neuroethics Using Were-Rabbit" *From the Brain to Human Culture: Intersections between the Humanities and Neuroscience*, Bucknell University, April 21, 2007.

"Ethical Consent and Ethical Care of CNS Research Subjects." *6th Annual Improve the Success Rate of Your CNS Clinical Trials*. Orlando, FL, April 11, 2007.

"Ethics and Neurosurgical Device Protocol Development" in session "Neurosurgical Implants: Research Ethics from Engineering to Standard of Care," *8th Annual Conference of the American Society for Bioethics and Humanities*, Denver, CO, October 20, 2006.

"Cardiac Events and Brain Injury: Ethical Implications," *Bakken Heart-Brain Summit*, Cleveland, OH, June 17, 2006.

"Ethical Development of Psychosurgery: Lessons Learned from R.G. Heath," with Rubin DB, Henderson JM. *American Society for Stereotactic and Functional Neurosurgery Biennial Meeting*, June 03, 2006.

“Neurosurgery and Family Interests: A Case of Decreased Burden of Care” in session “Cases that Haunt Us,” *Annual Conference for the American Society of Bioethics and Humanities*, Washington, D.C., October 22, 2005.

“Hacking the Mind: Existential Enhancement in the ‘Ghost in the Shell’,” *Human Enhancement Technologies: Through the Looking Glass of Drama, and Medicine*, Cleveland, Ohio, July 17, 2005.

“When Chips Gain Teeth: Issues in Autonomous Surgical Micro-bots” *American Philosophical Association – Central Meeting*, Cleveland, OH, April 25, 2003.

“Advancing from Treatment to Enhancement in Deep Brain Stimulation: A question of research ethics,” *Should Everyone Be Above Average? Medical Enhancement*, Tulsa, OK, February 22, 2003.

“Hi-Tech Surgeries and Devices: Challenges to consent, research structure, and responsibility,” *30th Annual Conference on Value Inquiry*, Milwaukee, WI, April 05, 2002.

National/International Grand Rounds and Other Presentations

“Deception, Ulysses, and Confinement: Ethical Challenges in Mental Health,” Ethics Committee Seminar (3 hours), *Community Hospice of Northeast Florida*, Jacksonville, FL, March 08, 2007.

“Reflections in Neuroethics: Can My Brain Chip Be Repossessed?” Philosophy Seminar, *University of North Florida*, Jacksonville, FL, March 08, 2007.

“DBS and Ethics: Consent and Innovation,” Neuromodulation Fellows Conference, *Massachusetts General Hospital*, Boston, MA, August 28, 2006.

“Slicing the Brain, Slicing the Mind: Neuromodulation, Neuroimaging, and Ethics,” Ethics Grand Rounds, *Methodist Medical Center*, Houston, TX, May 18, 2006.

“Ethics Consultation for Epilepsy Surgery Candidates,” Ethics Grand Rounds, *The Hospital for Sick Children*, Toronto, Canada, May 26, 2005.

“Intraoperative Revocation of Consent: Harm, Autonomy, and Awake Intracranial Surgeries,” *Stanford University Center for Bioethics*, October 20, 2004.

National/International Conferences (Posters)

“DBS and Ethics” Rubin D, **Ford PJ**. *American Society for Bioethics and Humanities*. Denver, CO, October 26, 2006.

“Teaching Ethics: A review of resident's ethics cases,” **Ford PJ**, Deshpande A, Boulis NM, Murphy C, Benzel EC, *56th Annual Meeting of the Congress of Neurologic Surgeons*, Chicago, IL, October 09, 2006.

“A 7-Year Retrospective Review of Bioethics Consultations in Patients with Stroke” Edgell RC, Boissy A, **Ford P**, Furlan A. *American Stroke Association's International Stroke Conference 2006*. Kissimee, FL, February 17, 2006.

“Autonomy, Ulysses, and Limits: Revoking Consent During Brain Surgery,” **Ford PJ**. *34th Annual Meeting of the International Neuropsychological Society*, Boston, MA, February 2, 2006.

“Ethics Consultation for Epilepsy Surgery Candidates: Trends Across Time,” **Ford PJ**, Blixen CE, Agich GJ, Wyllie E, Bingaman W, *American Neurological Association 129th Annual Meeting*, Toronto, ON, October 5, 2004.

“Protecting Human Subjects: Psychogenic Dystonia as an exclusion criterion for deep brain stimulation trials,” **Ford PJ**, Bramstedt KA, Vitek J., *Neuromodulation 2004: Defining the Future*, Cleveland, OH, October 3-6, 2004.

“Intraoperative Revocation of Consent: A structured literature review,” **Ford PJ**, Clough S, Wassen L, Henderson J., *Neuromodulation 2004: Defining the Future*, Cleveland, OH, October 3-6, 2004.

Regional/Local Presentations

“Emerging Neuroethics: Cutting edge conundrums,” Neurosciences Grand Rounds, Cleveland Clinic Foundation, June 25, 2007.

“Clinical Ethics Meets Neurosciences: Functional Neurosurgery and Brain Imaging,” *17th Annual Bioethics Network of Ohio Conference*, Columbus, OH, May 11, 2007.

“Deep Brain Stimulation for Epilepsy: Scientific and Ethical Challenges,” with Najm I, *Grand Rounds for Clinical Research*, Cleveland Clinic Foundation, May 23, 2006.

“Ethics in Psycho-surgery and Neuromodulation: Learning from the past and looking to the future,” *Wooster College*, Wooster, OH, April 17, 2006.

“Neuroethics and Functional Neurosurgery Multidisciplinary Team,” Ford PJ and Kubu CS. *Psychiatry and Psychology Grand Rounds*, Cleveland Clinic Foundation, April 13, 2006.

“Assessing the Terri Schiavo Case: A clinical bioethicists perspective,” *14th Annual Bioethics Network of Ohio Conference*, May 14, 2004

“Deep Brain Stimulation And Ethics: Evolving Issues In Neuromodulation,” *Bioethics Conversations*, CWRU School of Medicine, January 28, 2004.

“Clinical Issues in Pain Management,” Symposium on Ethical Issues in Pain Management,
Cleveland State University, March 01, 2003.

Presenter/Facilitator, Bioethics Summer Retreat,

“Handling Incidental Findings in Neuroimaging Research,” Asilomar, CA, June 24, 2005.

“Ethical Issues in Neuro-Surgery and Neuro-Implants,” Shanty Creek, MI, June 28, 2003.

****Last Revised: September 2007****