

Curriculum vitae

Dr. Laura Y. Cabrera

Assistant Professor
Center for Ethics and Humanities in the Life Sciences
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Education:

8/2008 –8/2012 Centre for Applied Philosophy and Public Ethics (CAPPE) at Charles Sturt University (Canberra, Australia).

PhD: “Between Different Human Enhancement Paradigms: the Role of Nano and Neurotechnology”. Principal supervisor John Weckert.

8/2007 –5/2008 Linköping Universitet (Linköping, Sweden)

Master in Arts: Major in Science, Technology and Society (first year of a two years program).

8/2006 –6/2007 Centre for Applied Ethics at Linköping Universitet (Linköping, Sweden)

Master in Arts: Major in Applied Ethics, concentration of thesis nanotechnology “Nanotechnology: beyond human nature?”

8/2001- 12/2005 Instituto Tecnológico de Estudios Superiores de Monterrey (Mexico City, Mexico)

University Degree: Major in Electrical and Communications Engineering, graduated with acknowledgement for academic excellence.

More Education:

- 2016 Reason and Persuasion: Thinking Through Three Dialogues By Plato, National University of Singapore [Coursera online course]
- 2016 Understanding Memory: Explaining the Psychology of Memory through Movie, Wesleyan University [Coursera online course]
- 2015 Workshop on Neuroimaging for disorders of Consciousness: Charting the Canadian Ethics Landscape. (January 28-29, Canada)
- 2014 Advanced School on Biotechnologies, Biosocialities and the Governance of the Life Sciences (August 11-15, Campinas, BR).
- 2014 Justice, Harvard University [EdX online course]
- 2014 Moralities of Everyday Lives (University of Yale) [Coursera online course]
- 2014 Workshop on supervision (UBC, Canada)

- 2014 2nd ASU Winter School on Anticipatory Governance of Emerging Technologies (January 3-10, Lake Saguaro Ranch, AZ).
- 2013 Introduction to statistics; Introduction to psychology [Udacity online course]
5/2013-7/2013 Elementary statistics [Udacity online course]
- 2013 Introduction to Philosophy (University of Edinburgh); Think Again: How to reason and argue (University of Duke), Neuroethics (University of Pennsylvania) [Coursera online courses]
- 3/2012 Workshop on The Governance and Ethics of Human Enhancement (Karlsruhe, Germany) [by invitation]
- 1/2012-2/2012 Law and Neuroscience Winter School (Pavia, Italy)
- 10/2011-12/2011 Advance Track of Introduction to Artificial Intelligence (online course in partnership with Stanford Engineering)
- 6/2011-8/2011 Singularity University Graduate Student Program (Mountain View, US)
- 9/2010 Workshop on Deep Brain Stimulation (Warsaw, Poland)
- 8/2010 Penn Neuroscience Boot Camp (Philadelphia, US)
- 2/2010 3rd Annual Biosecurity Symposium ‘Global Health Security’. Canberra, Australia
- 1/2010 Promoting Dual Use Ethics. Inaugural Event of the Newly Designated WHO Collaborating Centre for Bioethics at the Centre for Applied Philosophy and Public Ethics, Australian National University. Canberra, Australia
- 9/2007 International Advanced Course in Public Communication and Applied Ethics of Nanotechnology (Oxford, UK)
- 11/2006 Workshop on Nanotechnology and Ethics, Linkoping University (Linkoping, Sweden)

Employment:

- 2016- present Adjunct Assistant Professor, Department of Philosophy, Michigan State University
- 8/2015- present Assistant Professor, at Michigan State University, Center for Ethics and Humanities in the Life Sciences (East Lansing, USA)
- 1/2014- 6/2015 Postdoctoral Research Fellow at the National Core for Neuroethics, University of British Columbia (Vancouver, Canada)
- 1/2013 – 12/2013 Consultant National Core for Neuroethics, University of British Columbia (Vancouver, Canada)
- 9/2012-12/2012 Visiting Postdoctoral Research Fellow at the National Core for Neuroethics, University of British Columbia (Vancouver, Canada)
- 9/2011 – 12/2013 Research Fellowship at Institute for Biomedical Ethics, Basel University (Basel, Switzerland)
- 12/2008 – 2011 Research Assistant (Casual) Centre for Applied Philosophy and Public Ethics, Charles Sturt University (Canberra, Australia): participate in the collection of data for projects. Support for the editorial tasks of the Nanoethics journal (such as invitation of reviewers or comparison of different submitted versions). Assist in the logistical management and organization of events. Performance of any other duties associated with assisting in specific research projects.

1/2006 – 7/2007 Project Manager Purafiltracion (Mexico city)
Managed specific projects for several clients. Responsibilities include developing specifications and selection of the equipment according to the specific client's necessities, as well as developing creative platforms, keeping records and follow up of the projects and contacting future clients.

Teaching record:

2016-2017 Judge for Integrative Experience HM547
2016-2017 Preceptor for Integrative Experience HM547 (1 credit)
2016 Preceptor for Health Policy HM547 (1 credit)
2015- Share Discovery Curriculum development (College of Human Medicine), social determinants of health and research ethics.
2015 Preceptor for Introduction and Ethical Issues Facing Medical Students HM546 (1 credit, shadowing).
2015 Facilitator for Responsible Conduct of Research Course (June 2).
2014 Medical Ethics Expert Guest for Doctor, Patient and Society (DPAS) 410 course.
2013 Zurich Neuroethics Spring and Summer School (4 credits course) Teaching Fellow and co-organizer of the course. Supervision of student's projects.
2013 Module on "Learning and working with statistical software package SPSS 20.0" as part of the Seminar: Research methods in Bioethics - specialized topics 1 Credit Point. (Spring and Autumn session)
2013 Preparation of the course "Ethics of Emergent Technologies", Institute of Biomedical Ethics at Basel University (Spring Term, 3 Credits course).
2012 (Spring Term, 3 Credits course) Re-structuring, preparation and teaching of the course 'Bioethics for biology and pharmaceutical students' (shared teaching with Prof. Bernice Elger and Dr. Sabrina Engel), Institute of Biomedical Ethics at Basel University.

Mentoring and Supervision

Graduate Students

2015-2016 Celizabeth Colon-Ortiz (MSU, Neuroscience Program). [In 2016 our poster won a prize for top abstract at the International Neuroethics Society Annual Meeting.]

Undergrad Students

2016- Rachel McKenzie (MSU, Major Neuroscience)
2016- Hayami Lou (UBC, Research assistant)
2016- Julia Porter (MSU, Major Neuroscience)

Invited International/National Talks

2016, September 22-23. *Neuroenhancement and human values: How they affect each other.*
Invited to present as a participant in the workshop "From Algorithmic States to Algorithmic Brains" (Galway, Ireland).
2016, May 21. *Neuroetica en el mundo*, Invited as guest expert in neuroethics and as speaker at 12th sesión BINCA NERDS talks (Mexico city, MX)

- 2016, April 21. *Ethical issues in human genetic engineering*. Keynote speaker for the Ethics and Technology of Human Gene Modification Conference. (Owosso, MI)
- 2015, September 17th. Panelist at the 2015 Ethics Conference: Medicine, Morality, and the Mind. (Grand Rapids, MI).
- 2014, October 24. *El mejoramiento humano: una perspectiva neuroetica*. Keynote presenter at conference at the Autonomous National University of Mexico (UNAM). (Mexico city, Mexico).
- 2013, November 29. *Neuroethics, the case of brain imaging*. 5th Symposium Graduate School for Health Sciences. (Münchenwiler, Switzerland)
- 2013, September 18. *Brain Stimulation: Current and potential future applications*. World Medtech Forum Lucern. (Lucern, Switzerland).
- 2013, July 25. *The promises and perils of brain imaging*. In the Symposium 'Brain Imaging - an ethical time bomb? Part of the International Union of Physiological Sciences (IUPS). (Birmingham, UK)
- 2013, July 8-9. *Singularity University: visioneering the future?* In *Imagining the (Post-) Human Future: Meaning, Critique, and Consequences*. International Research Symposium. (Karlsruhe, Germany)
- 2013, July 3. *Enhancement tools III: neurostimulation and brain-computer interfaces*. In *Human enhancement technologies pushing the boundaries*. SwissRe event. (Zurich, Switzerland).
- 2013, July 2. *Human enhancement: an Overview*. PhD retreat Zurich University (Zurich, Switzerland).
- 2013, March 7. *Memory interventions, criminal law and the forensic setting*. Within the Neurointerventions and the law Workshop. (Hamburg, Germany).
- 2011, Nov. *Ethical issues regarding memory enhancement*. Seminaire d'automne SSEB (Bigorio, Switzerland).
- 2011, June. *Human enhancement: the role engineers play in such an enterprise*. Women in Engineering Talk (WIE), (ACT, Australia).
- 2010, Nov. *Nano and neurotechnology: on the need for a different human enhancement paradigm*. Research Seminar at the Center for Ethics of Science and Technology Chulalongkorn University (Bangkok, Thailand).
- 2010, Sept. *Neuroenhancement: could it create a new communication divide*. CTE Research Seminar (Linköping, Sweden).
- 2010, Aug. *Nano and neurotechnology: on the need for a different human enhancement paradigm*. CTE Research Seminar (Linköping, Sweden).

Grants:

- 2016-2017 Michigan State University Science and Society at State Collaborative Grant Award, (PI: Laura Cabrera. Co-PIs: Robyn Bluhm, Mark Reimers), *Psychiatric Interventions: Values and Public Attitudes* \$10,000
- 2016-2018 ERA-NET Neuron Project "Psychiatric Neurosurgery. Partner in the consortium with the subproject "*Media Coverage of Psychiatric Neurosurgery: Cross-National Investigations of Public Reactions and Attitudes*" (Role: Project Leader).

Honors:

- 2015 Travel grant to participate in the Social Science-Environmental Health Interdisciplinary Collaborations Conference (May 21-22, Northwestern University)
- 2014 Travel grant to participate in the Advanced School on Biotechnologies, Biosocialities and the Governance of the Life Sciences (August 11-15, Campinas, BR).
- 2014 Travel grant to participate in the ASU Winter School on Anticipatory Governance of Emerging Technologies (January 3-10, Lake Saguaro Ranch, AZ)
- 2013 Brocher Foundation. Selection for workshop project: "Neuroscience, Ethics and Law: new challenges for human identity, freedom and responsibility". Co-application with Georgia Martha Gkotsi (University Lausanne) and Dr. Roberto Andorno (University Zurich).
- 2013 Brocher Foundation. Visiting research fellowship at the Brocher Foundation on the project 'Legal and ethical issues around animal-human chimera research (the case of human neuro-related material use in non-human primates' (September-October).
- 2013 Travel grant to present and attend the 1st Annual Conference on Governance of Emerging Technologies: Law, Policy, and Ethics (May 20-21, Phoenix, AZ).
- 2012 Travel grant to present and attend the Hampshire College Program in Culture, Brain and Development Conference *From NeuroSelves to NeuroSocieties* (Northampton, US)
- 2012 Travel grant to participate in the EPOCH project workshop on The Governance and Ethics of Human Enhancement (29-30 March)
- 2011 Singularity University Graduate Student Program Grant. (June- August)
- 2011 Brocher Foundation. Visiting research fellowship at the Brocher foundation on the project 'Social enhancement and public health' (January-February).
- 2010 S.NET. Travel grant to attend and participate in the 2nd S.NET meeting.
- 2010 Brain in dialogues (BID). Grant to attend and participate in the Brain in Dialogues Workshop on Deep Brain Stimulation.
- 2010 Center for applied Ethics Linkoping, One month visiting fellowship (August-September).
- 2010 PennNeuro Boot Camp. Grant to attend and participate in the second Penn Neuroscience-boot Camp.
- 2009 S.NET. Travel support and scholarship to attend and participate in the 1st Annual meeting of the S.NET.
- 2009 European Science Foundation. Grant and travel support to attend the European Science Foundation ESF-LiU Conference - "The Perfect Body Between Normativity and Consumerism".
- 2008 Aarhus University. Travel support and scholarship to attend the International Workshop on Nanotechnology and Justice.
- 2008-2011 Charles Sturt University-CAPPE. Research Graduate Scholarship.
- 2007 NanoBio-RAISE. Travel grant to attend the 2nd International course on Public Communication and applied ethics of nanotechnology.
- 2001-2005 ITESM University (Mexico). Excellence Grant.

Awards:

- 2016 Abstract Award: flash talk presentation at the International Neuroethics Society Annual Meeting, “*Neuroensanchamiento*”?: *Perspectives and terms in the Latin American and Spanish Literature regarding neuroenhancement*” (INS Abstract # 12).
- 2014 Abstract Award: Travel stipend for the International Neuroethics Society Annual Meeting and abstract “Substantive Discrepancies Between Academic and Public Concerns Regarding the Ethics of Neuroenhancement” (INS Abstract # 78).
- 2005 Honoric Mention for Outstanding Graduation Grades (ITESM, Mexico).
- 2003 3rd Place in the innovator ideas category in the ‘Voluntades: Manos a la obra’ competition organized by the ITESM and Fundacion Azteca.
- 2001 Honoric Mention for Outstanding Grades (ITESM, Mexico).

Affiliations:

- 07/2016– Faculty Affiliate, College of Law, Michigan State University
- 03/2016– Faculty Affiliate, National Core for Neuroethics, University of British Columbia (Vancouver, Canada)
- 09/2015– Faculty Affiliate, Neuroscience Program, College of Natural Science
- 2016– Collaborative on Health and the Environment (CHE)
- 2015– American Society for Bioethics and Humanities
- 2014– International Association Bioethics.
- 2013 – Social Epistemology Review and Reply Collective Group
- 2012 – International Neuroethics Society
- 2011– Bioethics Beyond Borders (Associate expert)
- 2010- 2012, 2014 Society for the Study of Nanoscience and Emerging Technologies
- 2009- 2012 Australian Association for Professional and Applied Ethics
- 2009 - Latin American Nanotechnology & Society Network (www.relans.org)
- 06/2002 –01/2007 IEEE Member
- 06/2007-05/2008 President of ISA (International Student Association), Linkoping University
- 06/2004-12/2005 President of the IEEE- ITESM University Student Branch, ITESM University
- 01/2003-06/2004 President of ProIEC (Student Association), ITESM University

Publications¹

Journal Articles (refereed)

¹ Citations based on Google scholar.

- Shriver, A., Cabrera, L.Y., and Illes, J. (2017). Environmental Neuroethics: Bridging Environmental ethics and mental health. *AJOB Bioethics* XX, XX-XX. DOI: XX IN PRESS (editorial board review).
- Cabrera, L.Y., McKenzie, R., and Bluhm, R. (2017). Beyond the Technology: Attribution and Agency in Treatments for Mental Disorders. *AJOB Neuroscience* XX, XX-XX. DOI: XX IN PRESS (editorial board review). [SJR: 0.33, 2015]
- Cabrera, L.Y. (2017). Pesticides: A case domain for Environmental Neuroethics. *Cambridge Quarterly of Healthcare Ethics*, Vol 26, No 4. [Accepted, schedule for publication in October]
- Vega, I.E., Cabrera, L.Y., Wygant, C.M., Velez-Ortiz, D., and Counts, S. E. (2017). Alzheimer's disease in the Latino community: intersection of genetics and social determinants of health. *Journal of Alzheimer's Disease*, Vol 58, No.4. IN PRESS. <http://www.j-alz.com/vol58-4>
- Cabrera, L.Y.,* Eijkholt, M.,* Ramirez-Zamora, A. and Pilitsis, J.G. (2017). Shaking up the debate: Ensuring the ethical use of DBS intervention criteria for mid-stage Parkinson's patients. *Neuromodulation: Technology at the Neural Interface*. Online first doi: 10.1111/ner.12608
- Cabrera, L.Y. (2017). Reframing human enhancement: a population health perspective. *Front Sociol* 2, art 4. doi: 10.3389/fsoc.2017.00004
- Cabrera, L.Y. (2016). Is external pressure really the key objection against neurosurgery for imprisoned psychopaths? *AJOB Neuroscience* 7:3, 173-175. DOI: 10.1080/21507740.2016.1218385 (editorial board review). [SJR: 0.33, 2015]
- Engel-Glatter, S., Cabrera, L.Y., Marzouki, Y. & Elger, B.S. (2016). Teaching bioethics to a large number of biology and pharma students: Lessons learned. *Ethics and Behavior* DOI: 10.1080/10508422.2016.1196361. [IF: 0.889]
- Cabrera, L.Y. and Reiner, P. (2016). A novel sequential mixed-method technique for contrastive analysis of unscripted qualitative data: Contrastive quantitized content analysis. *Sociological Methods and Research*. 1-17. DOI: 10.1177/0049124116661575 [IF: 3.224]
- Cabrera, L. Y. (2016). Inductive risks, inferences and the role of values in disorders of consciousness. *AJOB Neuroscience*. 7:1, 57-59. DOI:10.1080/21507740.2016.1150915 (editorial board review). [SJR: 0.33, 2015]
- Cabrera, L.Y., Tesluk, J., Chakraborti, M., Matthews, R., and Illes, J. (2016). Brain matters: From environmental ethics to environmental neuroethics. *Environmental health*, 15:20 (online first). DOI: 10.1186/s12940-016-0114-3. [IF: 3.453; 1 citation]
- Cabrera, L.Y. and Elger, B. (2016). Memory interventions in the criminal justice system: Some practical ethical considerations. *Journal of Bioethical Inquiry* 13:95-103. [IF: 1.204] DOI 10.1007/s11673-015-9680-2
- Cabrera, L.Y., Beattie, B.L., Dwosh, E., Illes, J. (2015). Converging approaches to understanding early onset familial Alzheimer Disease: a first nations study. *SAGE Open Medicine*. DOI: 10.1177/2050312115621766
- Cabrera, L.Y. and Reiner, P.B. (2015). Understanding public (mis)understanding of tDCS for enhancement. *Frontiers in Integrative Neuroscience* 9 (30). DOI: 10.3389/fnint.2015.00030 [SJR: 1.89; 3 citations]
- Cabrera, L.Y., Fitz, N.S., Reiner, P.B. (2015). Empirical support for the moral salience of

- the therapy-enhancement distinction in the debate over cognitive, affective and social enhancement. *Neuroethics*. 8: 243-256. DOI: 10.1007/s12152-014-9223-2 [IF: 1.305; 7 citations]
- Cabrera, L.Y., Fitz, N., Reiner, P.B. (2015). Reasons for comfort and discomfort with pharmacological enhancement of cognitive, affective, and social domains. *Neuroethics*, 8:93-106. DOI: 10.1007/s12152-014-9222-3 [IF: 1.305; 3 citations]
- Cabrera, L.Y. and Engel, S. (2015). Human-animal chimera: a neuro driven discussion?: comparison of three leading European research countries. *Science and Engineering Ethics*. 21:595–617. DOI: 10.1007/s11948-014-9556-6 [IF: 1.454]
- Cabrera, L.Y. (2014). Visioneering and the active role of engagement and assessment. *Nanoethics*, 8:201–206. DOI 10.1007/s11569-014-0199-5 [IF: 0.591; 3 citations]
- Cabrera, L.Y., Evans, E. and Hamilton, R. (2014). Ethics of the electrified mind: Defining issues and perspectives on the principled use of brain stimulation in research and clinical care. *Brain Topogr*, 27 (1): 33-45. doi:10.1007/s10548-013-0296-8 [IF: 3.727; 23 citations]
- Gkotsi, G.M., Cabrera, L. and Andorno, R. (2013). Assessing the impact of the neuroscientific revolution on ethics and law. *Bioethica Forum* 6 (1).
- Cabrera, L.Y. and Reiner, P. (2013). The emotional impact of ‘study drugs’: unsurprising and unconvincing. *AJOB Neuroscience* 4 (1): 20-21. doi:10.1080/21507740.2012.762066. (editorial board review). [SJR: 0.33, 2015; 1 citation]
- Cabrera, L. and Weckert, J. (2013). Human enhancement and communication: on meaning and shared understanding. *Science and Engineering Ethics*. Vol 19 (3): 1039-1056. [IF: 1.454]
- Cabrera, L. (2012). Social enhancement: Innovation for all. *International Journal of Design Research and Innovation*, 7 (1).
- Elger, B. and Cabrera, L. (2012). Ethical ways to increase donation of haematopoietic stem cells. *Bioethica Forum*. Vol 5. (3): 92-99. [1 citation]
- Cabrera, L. (2012). Social Enhancement: re-thinking the role of emerging technologies. VRIC ‘12 Proceedings of the 2012 Virtual Reality International Conference, *Association for Computing Machinery*. Article 7.
- Cabrera, L. (2011). Neuroethics: a new way to do ethics or a new understanding of ethics?, *AJOB Neuroscience*, 2 (2): 25-26. (editorial board review). [SJR: 0.33, 2015; 3 citations]
- Cabrera, L. Y. (2011). Memory enhancement: The issues we should not forget about. *Journal Of Evolution and Technology*. 22(1). [3 citations]
- Cabrera, L. (2011). They might retain capacities to consent but do they even care? *AJOB Neuroscience*, 2(1):41-42. (editorial board review). [SJR: 0.33, 2015; 4 citations]
- Cabrera, L. (2011). Salud Pública: caminando hacia el mejoramiento humano social. *Perspectivas Bioéticas*, Special issue devoted to Fondation Brocher. 16(30):123-141
- Cabrera, L. (2010). Human implants: a suggested framework to set priorities. *International Journal of Technoethics*, 1 (4): 39-48. [IF:0.102]
- Cabrera, L. (2010). Neurotechnology: the need for neuroethicists. *Australian Journal of Professional and Applied Ethics* (AJPAE), 11(1-2). Selected papers from the 2009 Conference of the Australian Association for Professional and Applied Ethics.
- Cabrera, L.(2009) Nanotechnology: Changing the disability paradigm. *International Journal*

of Disability, Community and Rehabilitation, 8(2) Special Issue on Nanotechnology. [Re-published in *Nano:the magazine for small science* (2010), Issue 20] [11 citations]

Papers (non-refereed)

- Cabrera, L.Y. (2015) Book Review: 'Empirically informed ethics: Morality between facts and norms'. *Filosofia Unisonos*, 16 (2).
- Cabrera, L.Y. (2015) Substantive discrepancies between academic and public concerns regarding the ethics of neuroenhancement. Selected Abstracts From the 2014 International Neuroethics Society Annual Meeting, *AJOB Neuroscience*, 6:4, 81-93, DOI: 10.1080/21507740.2015.1094537
- Cabrera, L.Y. (2015). Book Review: 'Ethics of emergent technologies'. *Nanoethics*.9: 251-254 DOI: 10.1007/s11569-015-0243-0
- Cabrera, L.Y., Fitz, N. S., Reiner, P.B. (2014). Sources of angst about cognitive enhancement: changes to core features of self and perceptions of success. Selected Abstracts from the 2013 International Neuroethics Society Annual Meeting. *AJOB Neuroscience* 5 (3):37.
- Cabrera, L.Y. (2014) Book Review: 'What is nanotechnology and why does it matter?: From science to ethics'. *Nanoethics*. DOI 10.1007/s11569-014-0196-8
- Cabrera, L. (2012). Book review. 'Enhancing human capacities' (Julian Savulescu, Ruud ter Meulen and Guy Kahan (Eds)). *Metapsychology Online Reviews*.
http://metapsychology.mentalhelp.net/poc/view_doc.php?type=book&id=6519&cn=135
- Cabrera, L. (2012). Book review: 'Practical ethics', 3rd edition (Peter Singer). *Metapsychology Online Reviews*.
http://metapsychology.mentalhelp.net/poc/view_doc.php?type=book&id=6380&cn=135
- Cabrera, L. (2011). Book Review: 'Pragmatic neuroethics: Improving treatment and understanding of the mind-brain'(Eric Racine). *Metapsychology Online Reviews*.
http://metapsychology.mentalhelp.net/poc/view_doc.php?type=book&id=6055&cn=135
- Cabrera, L. (2010). Book Review: 'Neuroethics: An introduction with readings' (Martha Farah (ed)).*Metapsychology Online Reviews*.
http://metapsychology.mentalhelp.net/poc/view_doc.php?type=book&id=5877&cn=135
- Cabrera, L. (2010). Book Review: 'Nanoethics: big ethical issues with small technology'. *Nanoethics*, 4 (1): 85-87.
- Mantilla, A., Perez-Meana, H., Mata, D., Angeles, C. Alvarado, J. & Cabrera, L. (2006, Nov.). Recognition of vowels segments in spanish esophageal speech using Hidden Markov Models. IEEE Computer Society, Proceedings CIC'06 15th International Conference on Computing. Vol. 1: 115-120.
- Mantilla, A., Perez-Meana, H., Mata, D., Angeles, C. Alvarado, J. & Cabrera, L. (2006, Sept). Analysis and recognition of voiced segments of esophageal speech. IEEE Computer Society, Proceedings of the Electronics, Robotics and Automotive Mechanics Conference. CERMA'06 Vol. 2: 236-244.

Books and book chapters

- Cabrera, L.Y. (in press). The first generation of environmental neuroethics. In Illes, J. and Hossain, S (eds). *Neuroethics: Anticipating the Future*. Oxford University Press.
- Cabrera, L. Y., Davis, W., Orozco, M. (2015). Visioneering and our common future. In

- Collier, J. (ed). *The Future of Social Epistemology: A Collective vision*. London: Rowman and Littlefield. pp.199-218.
- Cabrera, L.Y. (2015). *Rethinking human enhancement: Social enhancement and emergent technologies*. Palgrave Macmillan. [1 citation]
- Cabrera, L.Y. (2015). How does enhancing cognition affect human values? How does this translate into social responsibility? In Ohl, F., Lee, G. and Illes, J. (eds). *Ethical Issues in Behavioural Neuroscience*. Springer, pp. 223–241 [3 citations]
- Campbell, T. & Cabrera, L. (2012). The weak moral basis for strong regulation of pre-implantation genetic diagnosis (PGD). In McLean, S. and Elliston, S. (Eds.) “*Regulating Pre-implantation Genetic Diagnosis: A comparative and theoretical Analysis*”. Biomedical Law and Ethics Library. Taylor and Francis Group.
- Cabrera, L. (2012). Human implants: a suggested framework to set priorities. In Luppicini, R. (Ed). “*Ethical impact of technology advancements and applications in society*” pp. 243-253.
- Cabrera, L.Y. (2009). *Nanotechnology: Beyond human nature*. LAP LAMBERT Academic Publishing AG & Co. KG. [2 citations]

Media:

- 12/2016 International Neuroethics Society Meeting Summaries: “The competing identities of neuroethics”
<http://www.neuroethicssociety.org/2016-annual-meeting-competing-identities-summary>
- 24/03/2016. Center for Ethics and Humanities in the Life Sciences, MSU. “Forgetting about fear: A neuroethics perspective”. <https://msubioethics.com/2016/03/24/forgetting-about-fear/>
- 01/05/2015 NeuroEthicsWomen Leader Blog “Tips for a job interview”
<http://neuroethicswomenleaders.com/2015/05/01/tips-for-a-job-interview/>
- 02/09/2013 [Social Epistemology Review and Reply Collective](http://social-epistemology.com/collective-vision/). “Visioneering and our common future” <http://social-epistemology.com/collective-vision/>
- 07/10/2012 NeuroEthicsWomen Leader Blog. «Human enhancement and brain stimulation »
<http://neuroethicswomenleaders.wordpress.com/2012/10/07/human-enhancement-and-brain-stimulation/>

Presentations

International and National

- 2017, May, 4. Media Coverage & Public Perception on Psychiatric Neurosurgery. *1st Congress for Ethics and Neurosurgery*. (Stockholm, Sweden)
- 2016, Nov 11. ‘*Neuroensanchamiento*’?: *Perspectives and terms in the Latin American and Spanish Literature regarding neuroenhancement*. INS Annual Meeting. (San Diego, CA). [Top Abstract award: poster and flash talk presentation]
- 2016, Nov 11. *Psychiatric Deep Brain Stimulation: Recurrent and Neglected Ethical Issues*. INS Annual Meeting. (San Diego, CA).[Poster]

- 2016, June 14-17. *Environmental neuroethics: Rethinking the role of the environment for brain and mental health*. 13th World Congress of the International Association of Bioethics, (Edinburgh, Scotland).
- 2016, March 17-18. *The future of psychiatric deep brain stimulation: Dealing with the unknown*. Western Michigan University Ethics Conference. Co-presented with Stahl, D., Gibb, T. (Kalamazoo, MI).
- 2015, October 16. *Environmental neuroethics: Setting the agenda*. INS Annual Meeting. (Chicago, IL). [Poster]
- 2015, May 28. *Environmental neuroethics: A call for knowledge mobilization*, Canadian Bioethics Society. Co-presented with Tesluk J. (Winnipeg, CAN).
- 2014, Nov 14. *Substantive discrepancies between academic and public concerns regarding the ethics of neuroenhancement*, INS Annual Meeting. (Washington DC). [Top abstract award: poster and presentation]
- 2014, Sept 21-24. *Public angst and the human enhancement spectrum*. S.NET 6th Annual Meeting: Better Technologies with No Regret? (Karlsruhe, Germany).
- 2014, June 25-28. *Legal and ethical issues around human-animal chimera research*. 12th Congreso Mundial de Bioetica. International Congress of Bioethics (Mexico City, MX).
- 2014, March 13-14. *Public perception and the enhancement spectrum*. Brain Matters (Vancouver, BC).
- 2013, Nov 7-8. *Sources of angst about cognitive enhancement: changes to core features of self and perceptions of success*. International Neuroethics Society Annual Meeting (San Diego, CA). [poster]
- 2013, May 20-21. *Public (mis)understanding of transcranial direct current stimulation as a cognitive enhancer*. 1st Annual Conference on Governance of Emerging Technologies: Law, Policy, and Ethics (Phoenix, AZ).
- 2012, Aug. *Ethical issues of memory intervention in worst case bioethics*. 26th European Conference on Philosophy of Medicine and Health Care. (Nazareth, Israel).
- 2012, June 11-12. *Ethical issues of memory interventions in the criminal forensic setting*. Conference ‘From Neuroselves to Neurosocieties: Cross-Disciplinary Conversations around the Neurosciences’ (Northampton, MA).
- 2012, April 21-22. *Issues not to be forgotten when evaluating memory enhancement*. Symposium on memory enhancement, Max Planck Institute of psychiatry. (Munich, Germany)
- 2012, March. *Social enhancement: Re-thinking the role of emerging technologies*. Laval Virtual VRIC’12, 14es Rencontres Internationales de la Realite Virtuelle et des Technologies Convergentes (Laval, France).
- 2011, Oct 21-23. *Living with technology*. Talk presented at the first Global conference on Transforming Human Nature in Science, Technology and the Arts (Dublin, Ireland).
- 2011, June 7-9. *Social enhancement: strengthening our ethical practices*. Talk presented at the Australian Association for Professional and Applied Ethics (AAPAE) Conference ‘Strengthening our Ethical Practices’ (Tasmania, Australia).
- 2010, Sept. *Neuroenhancement: could it create a new communication divide?* Talk presented at the 2nd Annual meeting of the Society for the Study of Nanoscience and Emerging Technologies S.NET (Darmstadt, Germany).
- 2010, June 15-17. *Memory enhancement: some issues that cannot be forgotten*. Talk presented at the Australian Association for Professional and Applied Ethics (AAPAE) Conference ‘Ethics in the Professional Life: Past, present and future’ (Sydney, Australia).

- 2009, Oct 9-13. *Enhancement technologies: Rethinking the disability paradigm*. Talk presented at the ESF-LiU Conference ‘The Perfect Body: Between Normativity and Consumerism’ (Linköping, Sweden).
- 2009, Sept. *Neurotechnology: does it create new ethical dilemmas?* Talk presented at the 1st Annual meeting of the Society for the Study of Nanoscience and Emerging Technologies S.NET (Seattle, Washington).
- 2009, June 9-11. *Neurotechnology: the need for neuroethicists*. Talk presented at the Australian Association for Professional and Applied Ethics (AAPAE) Conference ‘Professions in the Community’ (Goulburn, Australia).
- 2008, Oct 29-31. *Nanotechnology and human implants*. Talk presented at the International Workshop on Nanotechnology and Justice, Nano Ethics Network (Arhus, Denmark).

Local

- 2017, Feb 15. Recurrent and Neglected Ethical Issues in the Psychiatric Brain Stimulation Discussion. *Center for Ethics and Humanities in the Life Sciences BrownBag Seminar Series* (East Lansing)
<http://bioethics.msu.edu/90-brownbags/recorded-webinars/328-cabrera-feb-15-2017>.
- 2017, Jan 13. *Neuroethical perspective on early DBS in Parkinson*. NORO (Neurology Residents, East Lansing)
- 2017, Jan 10. *Psychiatric neurosurgery: dissecting common ethical objections*. Neuroscience Research Forum. (East Lansing).
- 2016, Dec 08. *Psychiatric neurosurgery: dissecting common ethical objections*. Psychiatric Residency Seminar. (East Lansing).
- 2016 Fireside Chat on Electroconvulsive Therapy (Shared Discovery Curriculum) [videorecording]
- 2016, Nov 18. *Neuroenhancement and the role of human values. How do they affect each other?* Department of Philosophy Colloquia. (East Lansing).
- 2016, October 28th. *Pharmacological and Neurosurgical Psychiatric Interventions: Through the Looking Glass. Analysis of online public comments*. S3 workshop co-organizer and presenter. (East Lansing).
- 2016, October 4th. *TDCS, cognitive enhancement and public (mis)understanding*. Lyman Briggs College Speaker Series. (East Lansing).
- 2016, September 30. *Neuroethical perspective on early DBS in Parkinson*. Sparrow Grand Rounds. (Lansing),
- 2016, August 26. Neuroethics: Ethical and societal implications of neurotechnology and advances in neuroscience. Neuroscience program retreat. (East Lansing).
- 2016, April 28. *Dietary Factors: A Neuroethics Perspective*. Keynote Speaker for the Lansing Dietetic Association’s Annual Meeting (East Lansing, MI).
- 2016, March 30 and 31. *Neuroethics 101*. Guest speaker as part of the NEU 302. (East Lansing, MI).
- 2015, Nov 10. *Neuroethics: mapping the terrain*. Neuroscience Research Forum (East Lansing, MI).
- 2015, Nov 4. *Neuroethics: at the intersection of neuroscience, medical practice and society*.

- Spectrum Neuroscience Grand Rounds: “ (Grand Rapids, MI).
- 2015, October 29. *Deep Brain Stimulation in Psychiatry Disorders: A Neuroethical Perspective*. Psychiatry resident seminar (East Lansing, MI).
- 2015, October 20. *Neuroethics in the clinical setting*. Spectrum Health Ethics Committee (Grand Rapids, MI).
- 2014, March 10th. *Neuroenhancement 101*. Seminar for Addictions & Concurrent Disorders Group UBC. (Vancouver, Canada).
- 2014, March 5th. *Neuroethics: mapping the terrain*. Seminar for 8th and 9th grade students at West Vancouver highschool. (Vancouver, Canada)
- 2013, September 23. *Exploring Nanomedicine and its challenges*. Contemporary debates seminar. (Basel, Switzerland)
- 2013, September 10. *Ethical and legal issues in animal-human brain chimera research*. Brocher Research presentations. (Foundation Brocher, Switzerland)
- 2013, April 29. *Neuroethics: mapping the terrain*. Seminar for psychology students (Basel University, Switzerland)
- 2012, November 29. Project Presentation: *Changes to the self*. Seminar at National Core for Neuroethics. (Vancouver, Canada)
- 2012, April. *Neuroethics: mapping the terrain*. Seminar for psychology students. (Basel University, Switzerland)
- 2011, Oct. Animal Ethics. IBMB Bioethics Seminar (Basel, Switzerland).
- 2011, May. *The weak moral basis for restrictive regulation of preimplantation genetic diagnosis*. Research Seminar Center for Applied Philosophy and Applied Ethics (co-presented with Prof. Campbell, T. Australian National University (Canberra, Australia).
2010. *A few words on determinism*. CAPPE Postgrad Research (with Henschke, A.) Seminar (Canberra, Australia).
- 2009, Sept 2-4. *Nanotechnology: unleashing our cyborg nature*. Talk presented at the conference ‘Limits of the Human: Philosophical, historical an Ecological Perspectives’ (Canberra, Australia).
2008. *Nanotechnology and Development*. Graduate Seminar (Linkoping, Sweden).

Professional Service:

- 2016-2017 MSU Neuroscience Fair (Brain trick booth, and Neuroethics booth)
- 2016-2018 International Neuroethics Society Response Action Task Force
- 2016 Content Reviewer Expert for CHM Shared Discovery Curriculum (MSU)
- 2016 Reviewer for Journal Substance Abuse Treatment, Prevention, and Policy
- 2015-2016 Organizing Committee member for the MSU Environmental Science and Policy Program research symposium on the topic of environmental health.
- 2015 Reviewer for the Honors Research Seminar (MSU)
- 2015 Co-organizer National Health Ethics Week, an interactive 1-hour session, introducing the ethics of cognitive enhancement through a short theatrical play that highlights the pros and cons of using non-invasive transcranial direct current stimulation (tDCS) technology to improve memory and learning. Following the live performance, expert demonstrations of how this technology works and facilitated group discussions

- about the ethical implications of using such devices for cognitive enhancement in the classroom and beyond was provided (Eric Hamber Secondary, Vancouver).
- 2015 Reviewer American Journal of Alzheimer's Disease and Other Dementias, AJOB Neuroscience
- 2014 – Member of Common Room at Green College, UBC.
- 2014 – Communication Committee International Neuroethics Society.
- 07/2014 38th Elders Gathering. Public engagement activity related to Neuroethics and the environment (Information booth).
- 2014 – Editorial Advisory Board book series “Collective Studies in Knowledge and Society”
- 2013 – Editorial advisory Board book “Global Issues and Ethical Considerations in Human Enhancement”
- 2013 – Referee Science and Engineering Ethics Journal; Medicine, healthcare and philosophy Journal
- 2013- Editorial board journal Nanoethics, and Book Review Editor.
- 05/2013 Invitation as a Leader of Tomorrow in the St. Gallen Symposium.
- 2012 Co-founder of Swiss Network of Neuroscience, Ethics and Law (SNNEL)
- 2010 – Referee Journal Nanoethics: Ethics for Technologies that Converge at the Nanoscale.
- 2009 Co-organizer, with Professorial Fellow John Weckert, of the conference ‘Converging technologies: some pressing ethical issues’, 22 July 2009, CAPPE (Canberra, Australia)
- 07/2004-12/2005 Radio Program Producer: Production of university radio programs about *technology, society and ethical issues*. As a producer I was involved in designing the structure of the program, researching on the content, assigning task to the different staff of the program, inviting guest speakers and evaluating the programs. Concepto Radial, ITESM (Mexico City).

Media interviews:

- 22/10/2016 Interview for Philosophical Disquisitions BlogPost project “Human enhancement, communication and values”
<http://philosophicaldisquisitions.blogspot.com/2016/10/episode-13-laura-cabrera-on-human.html>
- 12/10/2015 Interview and quoted in Wired Magazine
<http://www.wired.com/2015/10/scientists-can-now-predict-intelligence-brain-activity/>
- 17/11/2014 WebTV Brazilian Research Network in Nanotechnology, Society and Environment. “Public attitudes and enhancement” <http://www.nanotecnologiadoavesso.org/WEBTV>
- 30/03/2012 l’Atelier-Paris. “La technologie doit améliorer l'expérience humaine et non l'inverse”. <http://www.atelier.net/trends/articles/technologie-ameliorer-l'experience-humaine-non-linverse>

11/04/2012 Swissinfo “No se trata de hacer superhumanos”.

http://www.swissinfo.ch/spa/ciencia_tecnologia/No_se_trata_de_hacer_superhumanos.html?cid=32363304