

CANSU CANCA

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AREAS OF INTEREST

Applied Ethics (focusing on Ethics of Technology and Population-Level Bioethics), Moral and Political Philosophy

WORK EXPERIENCE

June 2017 – present **AI Ethics Lab – aiethicslab.com**

- Founder and director of the AI Ethics Lab (active since January 2018)
- Building an organization to bring together philosophers, engineers, designers, and policy researchers with the aim of producing reports for the industry and papers for academia
- Designing and leading:
 - interdisciplinary workshops for researchers and practitioners
 - working groups with researchers and practitioners
 - seminars and trainings for industry members
- Forming collaborations with academia, think tanks, and governmental agencies
- Member of AI Working Group at Turkish Technology Development Foundation
- Invited participant in EU-funded SIENNA project's expert workshops in ethics of AI & robotics and ethics of human enhancement (January 2019)

August – September 2019 **Brocher Foundation – Geneva / SWITZERLAND**

- Visiting Researcher (fully funded)
- Project: "Performance Arts and Professional Sports: Where is the moral limit?"
- The project looks into the ethics of professional sports and performance arts and the use of enhancements through robotics and health technologies.

November 2014 – March 2017 **University of Hong Kong – HONG KONG**
Department of Philosophy – School of Humanities
Medical Ethics and Humanities Unit – Faculty of Medicine

- Honorary Assistant Professor in the Department of Philosophy (until 3/2017)
- Lecturer in Medical Ethics in the Faculty of Medicine (until 11/2016)
- Designed and delivered bioethics course for philosophy students, medical ethics lectures and workshops for medical students, held workshops in medical humanities, developed a new medical ethics curriculum, and collaborated with medical and law school faculty for workshops and seminars

May 2012 – September 2014 **Fogarty International Research Ethics Initiative/ Harvard Medical School –Boston/ U.S.A.**

- Low and Middle Income Countries Project Coordinator
- Held workshops with the fellows from Turkey and Central Asia, developed research ethics curriculum for the project, assisted in project development and grant application
- 5 year project in research ethics education funded by NIH (PI: Dr. Kerim Munir)
- Observer at the Boston Children's Hospital IRB from November 2012 to May 2013

January 2012 – December 2013 **Harvard University – Cambridge / U.S.A.**
Petrie-Flom Center for Health Law Policy, Biotechnology and Bioethics

- Visiting Fellow (with full fellowship) – research on organ markets and research ethics
- Contributor to the Center's blog "Bill of Health"

- June 2013 –
July 2013 **Koc University – Istanbul / TURKEY**
Philosophy Department
- Proposed, designed, and taught the course “Bioethics”
- October 2012 –
April 2013 **Harvard University – Boston / U.S.A.**
Harvard School of Public Health
- Teaching Assistant to Professor Daniel Wikler for the courses “Ethical Basis for Public Health” and “Individual and Social Responsibility for Health”
 - Held weekly discussion sessions and consultations with students and graded their work
- January – May 2010 **World Health Organization – Geneva / SWITZERLAND**
Department of Ethics, Equity, Trade and Human Rights
- Intern at the Ethics and Health Unit
 - Research on organ transplantation in the Department of Essential Health Technologies

EDUCATION

- January 2008 –
June 2012 **National University of Singapore – SINGAPORE**
Philosophy Department
- Ph.D. in Philosophy (Area of Specialization: Ethics
Area of Competence: Political Philosophy)
 - Dissertation: "An Ethical Analysis of an Organ Market: In Defense of Buying and Selling Kidneys"
 - Observer at NUS IRB between April and November 2011
 - Teaching Assistant for the course "Reason & Persuasion"
- September 2010 –
March 2011 **Harvard University – Boston / U.S.A.**
Program in Ethics and Health – Department of Global Health and Social Medicine
- Visiting Scholar during Ph.D. dissertation writing period
 - Responsible Conduct of Research training at Harvard School of Public Health
- September 2005 –
October 2007 **Bogazici University – Istanbul / TURKEY**
Philosophy Department
- M.A. in Philosophy
 - Thesis: "Voluntary Active Euthanasia: Justifications and Regulations"
- November 2006 –
May 2007 **Osaka University – Osaka / JAPAN**
Medical Ethics Department
- Research Scholar (with scholarship) during M.A. thesis writing period
 - Research on euthanasia and cultural influences on decision-making
 - Gave weekly seminars to and held discussion sessions with the faculty members and graduate students
- September 2002 –
July 2005 **Bogazici University – Istanbul / TURKEY**
Philosophy Department
- B.A. in Philosophy (Honors)
 - Completed the undergraduate program in 3 years (regular time: 4 years) & ranked 3rd among all philosophy graduates of 2005
 - Certificate in Film Studies and Certificate in Fine Arts (Photography)

PUBLISHED WORKS & WORKS IN PROGRESS

["A User-Focused Transdisciplinary Research Agenda for AI-Enabled Health Tech Governance,"](#) co-authored with D. Arney, M. Senegés, S. Gerke, L. H. Ihle, N. Kaiser, S. Kakarmath, A. Kupke, A. Gajeele, S. Lynch, L. Melendez, *Harvard University Berkman Klein Center for Internet & Society, Working Paper, Winter 2019.*

["On Coercive Offers: In Support of a Market in Kidneys,"](#) *International Journal of Applied Philosophy*, Volume 31, Issue 2, Fall 2017, doi: 10.5840/ijap201822791.

["The Unjustified Policy Against a Market in Kidneys,"](#) *Asian Bioethics Review*, Volume 8, Issue 3, 2016, doi: 10.1353/asb.2016.0016.

"White Christmas and Technological Restraining Orders: Are Digital Blocks Ethical?," co-authored with L. H. Ihle, *Black Mirror and Philosophy*, ed. W. Irwin and D. K. Johnson, Wiley-Blackwell (upcoming)

"What Should Kant Have Said? A Kantian Argument against the Prohibition of a Kidney Market" (under review)

"IRBs / RECs for AI: An Unintelligent Choice" (draft available)

"Machine Learning in Healthcare and Its Effects on Clinical Research"

"Watching the White Swan Bleed: What is Wrong with Ballet?"

"Gamer's World: Virtual Reality and Personal Data"

NON-ACADEMIC WRITINGS ON APPLIED ETHICS

[Forbes AI](#)

- [A New Model for AI Ethics in R&D](#) – March 2019

[Bill of Health](#)

(Blog by Harvard Law School)

- [Machine Learning as the Enemy of Science? Not Really.](#) – August 2018
- [Voice Assistants, Health, and Ethical Design](#) – August, 2017
- [Fundraising and the Delayed Kidney Transplantation: Loophole in the Ban against Commercialization?](#) – June, 2015
- [What Should Customers Do About Dirty Practices of Big Companies?](#) – May, 2014
- [Is Turkey's Health Systems Reform as Successful as It Sounds?](#) – October, 2013
- [What Is \(Not\) Wrong With Doping](#) – August, 2013
- [Some Thoughts on Sandel's "What Money Can't Buy"](#) – September, 2012
- [To Tell or Not to Tell: Should Researchers Contact Anonymous Donors to Help Them?](#) – September, 2012

PRESENTATIONS

"AI, Ethics, and Public Safety"

Harvard University – Public Safety Summit: 'Sustaining Transformation', April 2019 (invited speaker)

"Integrating Ethics into AI Research and Development"

New York University – Tech @ NYU, April 2019 (invited speaker)

World Data Science Forum (Dubai) – March 2019 (invited speaker)

Harvard Business School, Digital Initiative – Digital Transformation Summit: 'AI, Ethics, and Business Decision', February 2019 (invited speaker)

"RECs / IRBs for AI: An Unintelligent Choice"	<i>SUNY Oneonta, Philosophy Department – Keynote at Undergraduate Philosophy Conference, April 2019 (invited)</i> <i>Middle Eastern Technical University (Ankara), Center for Applied Ethics – 3rd National Congress on Applied Ethics, November 2018 (invited speaker)</i> <i>United Arab Emirates University & NYU Abu Dhabi – Joint UAE Symposium on Social Robotics, February 2018</i> <i>Zagreb Applied Ethics Conference – The Ethics of Robotics and Artificial Intelligence, June 2017</i>
Panel: "Law, Ethics, and AI"	<i>Harvard Law School – Brazil Legal Symposium, April 2019 (invited)</i> <i>Yildiz Technical University (Istanbul) – Business, Engineering, and Management Days, March 2019 (invited)</i>
"Consent in AI-Coaches"	<i>Illinois Institute of Technology – Symposium on 'Informed Experiences, Designing Consent' – April 2019</i>
Comments: "On AI-Servants"	<i>Harvard Business School – Business Ethics in a Digital Age: 'Technology and other New Frontiers for Corporate Responsibility, Markets, and Society', April 2019</i>
Panel: "Gender Equality in Digital Age"	<i>Ozyegin University (Istanbul) – Human Rights Seminar, March 2019 (invited)</i>
Panel: "Future of AI"	<i>Massachusetts Institute of Technology – NETSA Seminar February 2019 (invited)</i>
"Discrimination and AI"	<i>Nokia Istanbul – StrongHer Seminar, February 2019 (invited speaker)</i>
"AI and Ethical Design"	<i>Turkish Ethics and Reputation Society – Seminar, December 2018 (invited)</i> <i>Kocaeli University (Turkey) – IT Fest, October 2018 (invited speaker)</i> <i>Ozyegin University (Istanbul), Law Faculty – Faculty Conference, February 2018 (invited speaker)</i> <i>Turkish Artificial Intelligence Initiative–TRAI Summit, February 2018 (invited)</i>
"AI-Robots Shaping Human Decisions"	<i>Osaka University, Asada (Emergent Robotics) Lab – Lab Seminar, December 2018</i> <i>Advanced Telecommunications Research Institute International (Kyoto), Ishiguro (Intelligent Robotics) Lab – Lab Seminar, December 2018</i> <i>Osaka University, Ishiguro (Intelligent Robotics) Lab – Lab Seminar, December 2018</i>
"Machine Learning in Healthcare and Its Effects on Clinical Research"	<i>Kyoto University, Center for Applied Philosophy and Ethics – 11th International Conference on Applied Ethics 'Science, Technology, and Future Generations' , December 2018</i>
Workshop: "Robotic Enhancements in Professional Sports and Performance Arts"	<i>Middle Eastern Technical University (Ankara), Center for Applied Ethics – 3rd National Congress on Applied Ethics, November 2018 (invited)</i>
Panel: "Bias, Ethics, and Safety"	<i>AI LA– AI and Society: Creating a Fair and Ethical Future, October 2018 (invited)</i>

Panel: "Ethically Handling Data"	<i>Re-Work – Deep Learning Summit (London), September 2018 (invited)</i>
Panel: "Is the Biggest Challenge Facing AI an Ethical One?"	<i>Re-Work – Deep Learning Summit (Boston), May 2018 (invited speaker)</i>
Panel: "How to Balance Ethics and Efficiency When Applying AI in Healthcare"	<i>Re-Work – Deep Learning in Healthcare Summit (Boston), May 2018 (invited speaker)</i>
"AI Ethics in Health Technologies"	<i>Istanbul Bar Association – Health Technologies and Law Conference, February 2018 (invited speaker)</i> <i>Turkish Artificial Intelligence Initiative–TRAI Meet-Up, January 2018 (invited)</i>
"My Body, (Not) My Choice?"	<i>Bogazici University (Istanbul), Department of Philosophy – Departmental Seminar, December 2017</i>
"What Should Kant Have Said? A Kantian Argument against the Prohibition of a Kidney Market"	<i>Bogazici University (Istanbul), Department of Philosophy – Departmental Seminar, February 2017</i> <i>The College of New Jersey – Conference on the Ethics of Bodily Commodification, April 2016</i> <i>University of Hong Kong, Department of Philosophy – Departmental Seminar, October 2015</i> <i>University of Tokyo, Center for Biomedical Ethics and Law – Departmental Seminar, April 2015</i> <i>Asian Conference on Ethics, Religion, and Philosophy (Osaka), March 2015</i>
"Watching the White Swan Bleed: What is Wrong with Ballet?"	<i>University of Hong Kong, Centre for the Humanities and Medicine – Science, Technology and Medicine Seminar, November 2016</i> <i>Chinese University of Hong Kong, Centre for Bioethics – Departmental Seminar, November 2016</i>
"No Pressure but Could We Have Your Organs?"	<i>City University of New York, College of Technology – Department of Social Science Colloquium, September 2016</i> <i>Chinese University of Hong Kong, Centre for Bioethics – Departmental Seminar, June 2016</i>
"The Unjustified Policy Against a Market in Kidneys"	<i>City University of New York, Brooklyn College – Bioethics Seminar, September 2016</i>
"Theory and Practice of Medical Ethics"	<i>University of Hong Kong, Bau Institute of Medical and Health Sciences Education – Departmental Seminar, June 2016</i>
Panel: "Hard Cases: Expensive Drugs for Rare Metabolic Diseases, and Withdrawal of Ventilation in Motor Neuron Disease"	<i>Hospital Authority and Chinese University of Hong Kong – Clinical Ethics Day, April 2016 (invited speaker)</i>
Panel: "To Be or Not to Be"	<i>Chinese University of Hong Kong, Centre for Bioethics – Clinical Ethics Grand Round, January 2016 (invited speaker)</i>

Case: "The Doctor-Patient Relationship"	<i>Chinese University of Hong Kong, Centre for Bioethics – Clinical Ethics Workshop, December 2015 (invited speaker)</i>
"An Ethical Analysis of an Organ Market: In Defense of Buying and Selling Kidneys"	<i>Chinese University of Hong Kong, Centre for Bioethics – Forum on the Ethics of the Sale of Human Organs, November 2015 (invited speaker)</i> <i>Osaka University, Department of Biomedical Ethics and Public Policy – Research Seminar on Life Science, Medicine, and Society, March 2015</i> <i>Harvard Law School, Petrie-Flom Center for Health Law Policy, Biotechnology, and Bioethics – Workshop, April 2012</i>
"Medical Ethics and Infectious Diseases"	<i>University of Hong Kong Medical School Summer Program, July 2015</i>
"Ethics at the End of Life"	<i>University of Hong Kong, Centre for Medical Ethics and Law - Symposium on Supporting Patient Autonomy in Old Age and Death, June 2015</i>
Comments: "On Potentiality: In Response to John Lizza"	<i>Chinese University of Hong Kong, Centre for Bioethics – Public Lecture, May 2015</i>
"Normative Foundations of Research Ethics: On What Basis Do IRBs Decide?"	<i>Osaka University, Department of Biomedical Ethics and Public Policy – Departmental Seminar, March 2015</i>

SCHOLARSHIPS

2012 – 2013	<i>(Full) Fellowship – Harvard Law School</i>
2008 – 2012	<i>(Full) Research Scholarship – National University of Singapore</i>
2010	<i>Graduate Research Support Grant – National University of Singapore</i>
2006 – 2007	<i>Research Scholarship – Osaka University</i>
2006 – 2007	<i>National Graduate Scholarship – The Scientific and Technological Research Council of Turkey</i>