

CURRICULUM VITAE

JEFFREY WHITE

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EDUCATION

- 2006 Ph.D., Philosophy, University of Missouri - Columbia. Dissertation: *Conscience: toward the mechanism of morality* (focus: modeling moral cognition, phenomenology, ethics)
- 2001 M.A., Philosophy (Bioethics qualification), Cleveland State University
- 2001 M.S., Chemistry, Cleveland State University
- 1996 B.A., Philosophy, Bowling Green State University
- 1996 B.S., Chemistry (ACS qualification), Bowling Green State University

RESEARCH INTERESTS

Machine ethics & artificial moral agency · Cognitive neurorobotics · Philosophy of mind · Multi-scale simulation and modeling · Moral cognition · Value alignment & AI safety · Self development & purpose · Philosophy of technology · Ethics of AI · Model-based reasoning & Moral education

ACADEMIC APPOINTMENTS & AFFILIATIONS

Research Appointments

- 2017-present: Cognitive Neurorobotics Research Unit, Okinawa Institute of Science and Technology (OIST), Japan - Visiting researcher
- 2022-present: Laboratory of Argumentation, Cognition and Language, Institute of Philosophy, NOVA University of Lisbon, Portugal - Integrated member
- 2021-2022: NOVA Laboratory for Computer Science and Information, Lisbon, Portugal
- 2015-2016: Cognitive Robotics, Korean Advanced Institute of Science and Technology (KAIST), Daejeon, South Korea

Teaching Appointments

- 2021: Senior Lecturer - Industrial Engineering and Innovation Sciences, Eindhoven Technical University, Netherlands
- 2018-2020: Assistant Professor - Philosophy, University of Twente, Netherlands
- 2010-2015: Assistant Professor - Humanities and Social Sciences, KAIST, Daejeon, South Korea
- 2001-2006: Teaching Assistant - Philosophy, University of Missouri - Columbia, Missouri, USA

PUBLICATIONS

Single-authored

2026 (in press) "Human-centered systems versus the machine" (editorial) *AI & Society*.

2026 "Exploiting isomorphisms: model-based moral education in an era of ubiquitous AI" (article), *Journal of Moral Education*, 1-20. [Link](#)

2025 "Self-Abduction; Oracles, Eco-Cognition and Purpose in Life" (book chapter), *Abductive Reasoning, Scientific Cognition and Computational Philosophy: Essays in Honor of Lorenzo Magnani*, Selene Arfini (editor), Springer, 235-263. [Link](#)

- 2024** “Variable Value Alignment by Design; averting risks with robot religion” (proceedings), International Workshop on Embodied Intelligence, IOP Conference Series: Materials Science and Engineering, 1321(1), 012017. [Link](#)
- 2024** “Consilience and AI as technological prostheses” (editorial), AI & Society, 39, 2179-2181. [Link](#)
- 2024** “Augmenting Morality through Ethics Education: the ACTWith model” (article), AI & Society, 40, 839-858. [Link](#)
- 2022** “On a Possible Basis for Metaphysical Self-development in Natural and Artificial Systems” (article), Filozofia i Nauka: Philosophical and Interdisciplinary Studies, 10, 71-100. [Link](#)
- 2022** “Autonomous Reboot: Kant, the categorical imperative, and contemporary challenges for machine ethicists” (article), AI & Society, 37, 661-673. [Link](#)
- 2022** “Autonomous Reboot: Aristotle, autonomy and the ends of Machine ethics” (article), AI & Society, 37, 647-659. [Link](#)
- 2021** “Finding the ‘I’ with AI: self and its place in the natural order” (proceedings), 2021 Summit of the International Society for the Study of Information (IS4SI), MDPI Proceedings, 1-5. [Link](#)
- 2020** “The role of AI and robotics in technologically mediated human evolution” (article), AI & Society, 35, 177-185. [Link](#)
- 2019** “Dreyfus on the ‘Fringe’: information processing, intelligent activity, and the future of thinking machines” (article), AI & Society, 34, 301-312. [Link](#)
- 2016** “Simulation, self-extinction, and philosophy in the service of human civilization” (article), AI & Society, 31, 171-190. [Link](#)
- 2014** “Models of moral cognition” (book chapter), Model-Based Reasoning in Science and Technology, SAPERE, Springer, 363-391. [Link](#)
- 2013** “Manufacturing Morality - A general theory of moral agency grounding computational implementations: the ACTWith model” (book chapter), Computational Intelligence, Alexandru Floares (editor), Nova Science Publishers, 1-65. [Link](#)
- 2012** “An information processing model of psychopathy and anti-social personality disorders integrating neural and psychological accounts towards the assay of social implications of psychopathic agents” (book chapter), Psychology of Morality, Angelo Fruili and Luisa Veneto (editors), Nova Science Publishers, 1-33. [Link](#)
- 2012** “Autonomy Rebuilt: Rethinking Traditional Ethics Towards a Comprehensive Account of Autonomous Moral Agency” (article), Natural Intelligence: International Neural Networks Society Magazine, 1(3), 32-39. [Link](#)
- 2011** “Infosphere to Ethosphere: Moral Mediators in the Nonviolent Transformation of Self and World” (article), International Journal of Technoethics, IGI Global, 2(4), 53-70. [Link](#)
- 2010** “Understanding and Augmenting Human Morality: An Introduction to the ACTWith Model of Conscience” (proceedings), Studies in Computational Intelligence #314: Model-Based Reasoning in Science and Technology, Lorenzo Magnani, Claudio Pizzi, and Walter Carnielli (editors), Springer, 607-621. [Link](#)
- 2008** “Conscience, Consciousness, Sciousness and Science: A glimpse at Neuroethics and the future of moral philosophy” (proceedings), Philosophy of Mind (42), World Congress of Philosophy XXII, Seoul, South Korea, 207-213. [Link](#)
- 2008** “How Did Socrates Become Socrates? On the Socratic recipe for the philosophic life” (proceedings), Ancient Philosophy (2), World Congress of Philosophy XXII, Seoul, South Korea, 205-212. [Link](#)
- 2008** “Heidegger and the Space of Life” (proceedings), Phenomenology (19), World Congress of Philosophy XXII, Seoul, South Korea, 181-188. [Link](#)
- 2008** “Good Will and the Conscience in Kant’s Ethical Theory” (proceedings), Ethics (10), World Congress of Philosophy XXII, Seoul, South Korea, 445-452. [Link](#)

Co-authored

- 2025** “The machine in the manuscript: editorial dilemmas” (editorial, with Don Shin, Angelika Suchanová, Manh-Tung Ho, Liam Magee, and Houda Chakiri), *AI & Society*, 40, 5781-5786. [Link](#)
- 2024** “Countering doomsday projections - trust, ethics and safety in AI systems” (article, with Dietrich Brandt, Jan Söffner, and Larry Stapleton), *The Academic*. [Link](#)
- 2023** “Artificial thinking and doomsday projections: a discourse on trust, ethics and safety” (editorial, with Dietrich Brandt, Jan Söffner, and Larry Stapleton), *AI & Society*, 38, 2119-2124. [Link](#)
- 2022** “Cognitive neurorobotics and self in the shared world, a focused review of ongoing research” (article, with Jun Tani), *Adaptive Behavior*, 30(1), 81-100. [Link](#)
- 2017** “From biological to synthetic neurorobotics approaches to understanding the structure essential to consciousness (Part 3)” (article, with Jun Tani), *APA Newsletter of Philosophy and Computing*, 17(1), 11-33. [Link](#)
- 2017** “From biological to synthetic neurorobotics approaches to understanding the structure essential to consciousness (Part 2)” (article, with Jun Tani), *APA Newsletter of Philosophy and Computing*, 16(2), 29-41. [Link](#)
- 2016** “From biological to synthetic neurorobotics approaches to understanding the structure essential to consciousness (Part 1)” (article, with Jun Tani), *APA Newsletter of Philosophy and Computing*, 16(1), 13-23. [Link](#)

Books

- 2015** - *Rethinking Machine Ethics in the Age of Ubiquitous Technology* (edited volume, with Rick Searle), IGI Global. [Link](#)
- draft** - *Conscience: the mechanism of morality* (under revision; rough 2014 draft with almost 13,000 downloads on PhilPapers.org). [Link](#)

Book Reviews

- 2024** - “Discoverability-the urgent need of an ecology of human creativity” (review of Magnani, 2022), *AI & Society* 39, 2171-2172. [Link](#)
- 2020** - “Machine ethics: From machine morals to the machinery of morality” (review of Pereira and Lopes, 2020), *Prometheus* 36(4), 382-389, *Pluto Journals*. [Link](#)
- 2015** - “Grounding Social Sciences in Cognitive Sciences” (book review of Sun, 2012), *Philosophical Psychology* 28(8), 1249-1253, *Taylor and Francis*. [Link](#)
- 2011** - “Reflections on Understanding Violence” (book review of Magnani, 2011), *Biosemiotics* 5, 439-444, *Springer*. [Link](#)

TEACHING EXPERIENCE

Courses taught in the United States, South Korea, and the Netherlands. Emphasis in applied ethics on model-based moral education using the ACTWith framework; successful classroom application documented in recent publications on ethics education. Additional details including class materials, extended course descriptions and feedback are available upon request.

Courses Taught

University of Eindhoven

Spring 2021

Challenge on Data Health-Mobility-Energy - This was a three month, remote appointment. I worked on simplifying course workflow; graduate student coordination and support; online ethics support.

University of Twente

Spring 2020

Information Technology (TCS)/Business Information Technology (BIT) - I co-taught philosophy and ethics of information and technology for TCS and BIT degree programs during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results for roughly one-hundred students.

Creative Technology - I taught philosophy and ethics of engineering and technology with an emphasis on creative design during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results for roughly one-hundred students.

International Business Administration - I taught business ethics during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results for more than one-hundred students.

Mechanical engineering, fluid dynamics - I taught ethics of engineering and technology during the students' graduation project semester. I designed course content in close collaboration with course and program directors, including Claas Visser (contact information available) including lectures, classroom activities, and testing around project-specific themes, supported student research and report composition, and evaluated student results for more than one-hundred students.

Ethics and Technology II - I lectured on machine ethics and evaluated final exams for this graduate Ethics of Technology course, for roughly twenty students.

Fall 2019

Information Technology (TCS)/Business Information Technology (BIT) - I co-taught philosophy and ethics of information and technology for TCS and BIT degree programs during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results.

Creative Technology - I taught philosophy and ethics of engineering and technology with an emphasis on creative design during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results.

Electrical Engineering - I designed and taught a large graduate course titled "Perspectives on Engineering Design" for more than one hundred students. I emphasized the value of diverse personal experience on engineering and design, organized and moderated guest lectures with local experts and industry leaders, and evaluated final workbooks.

Mechanical Engineering - I lectured on engineering ethics for roughly two hundred first year mechanical engineering students, and evaluated final exam ethics content.

University of Twente (continued)

Spring 2019

International Business Administration - I taught business ethics during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results for more than one-hundred students.

Communication - I taught ethics during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student final presentations for more than one-hundred undergraduate Communications students.

Mechanical engineering, fluid dynamics - I taught ethics of engineering and technology during the students' graduation project semester. I designed course content in close collaboration with course and program directors, including Claas Visser (contact information available) including lectures, classroom activities, and testing around project-specific themes, supported student research and report composition, and evaluated student results for more than one-hundred students.

Creative technology - I taught philosophy and ethics of engineering and technology with an emphasis on creative design during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results for roughly one-hundred students.

Information Technology (TCS)/Business Information Technology (BIT) - I co-taught philosophy and ethics of information and technology for TCS and BIT degree programs during the students' graduation project semester. I designed course content, including lectures, classroom activities, homework exercises and testing around project-specific themes, supported student research and report composition, and evaluated student results for roughly one-hundred students.

Psychology - I designed and led a philosophy of cognitive science and applied ethics course for more than two-hundred undergraduate Psychology students during their graduation project semester., administered philosophy and ethics of psychology tutorials, advised student research, and designed and evaluated long-form final testing.

Philosophy, graduate course, Ethics and Technology II - I designed and co-taught a graduate course in Ethics and Technology for roughly twenty graduate Philosophy of Technology students, crafted exercises and quizzes, emphasizing critical engagement with foundational works alongside development of professional skills including "elevator pitch" style public speaking and composition for peer-review.

KAIST

Introduction to Philosophy	2010, 2011, 2012, 2013, 2014
Ethics	2010, 2012, 2013, 2014
Philosophy of Mind	2010, 2013, 2014, 2015
Robot Ethics	2013, 2014
Minds and Machines (Summer/Winter)	2013, 2014
Information Ethics (Summer)	2014
Philosophy of Information	2015
Analytic Philosophy	2011

KAIST courses were popular, often with over one hundred registrations. During the years 2013-2015, I led teams of six undergraduate teaching assistants to support case and problems based studies and activities, applying a guided inquiry approach and maintaining an active classroom with small group activities and independent assignments for a diverse, international student population.

EDITORIAL & PROFESSIONAL SERVICE

- **2024 - present: Editor of the Open Forum - AI & Society (Springer Nature)**

Lead editor of the Open Forum section

Directing a team of more than thirty associate editors worldwide, with some from prestigious universities and departments in the USA such as Stanford Law, and with many in advanced professional positions including college deans and doctoral program directors.

Develops and implements journal policy addressing the rapid inflow of AI-generated and-dependent submissions, AI-generated peer reviews, and AI-assisted manuscript revisions.

Editorial philosophy centers on safeguarding the social contract between authors and reviewers in support of skill development for clear and effective scientific communication.

As of the current date, for the Open Forum alone, I have personally overseen almost 1000 submissions, with a journal-wide acceptance rate of just over 6%.

Listed on the official editorial board: <https://link.springer.com/journal/146/editorial-board>.

- **2022-2024: Editor of the Student Forum, AI & Society**

- **2015-2024: Founding area editor, PhilPapers.org - Ethics of AI, Machine Ethics, Moral Status of Artificial Systems**

Populated these categories with thousands of publications from diverse disciplines on associated topics.

Peer Review: Bloomsbury; Intellect Books; Nature Scientific Reports; Journal of Consciousness Studies; AI; Automation; Sustainability; Control and Intelligent Systems; J; Entropy; Adaptive Behavior; Philosophy & Technology; Philosophies; Prometheus; PLOS One; Minds and Machines; Nature Communications; Science & Engineering Ethics; Ethics & Information Technology; Techne; Philosophical Psychology; HYLE; Communitas; AI & Society; Robotics; various MDPI titles; various Frontiers titles; International Journal of Ethics Education; Journal of Value Inquiry; Discover Computing; Humanities and Social Sciences Communications; others.

Conferences, talks and seminars

2026

- Authentic Purpose: developmental neurology for autonomous neurorobots - OIST (seminar)

2024

- IFAC Conference on Technology, Culture and International Stability 2024 - Panel on AI and Social Stability (moderator)

2023

- International Society for the Philosophy of the Sciences of the Mind 2023 - "Differential development of religious cognition in natural and artificial systems" (speaker); Moral Cognition and Motivation, Agency and its Disorders (session chair)
- Lisbon Mind, Cognition and Knowledge group - "Augmenting Moral Cognition: empathy training with the ACTWith model" (speaker)
- Embodied Intelligence 2023 - "Augustine and developmental correlates of an artificial soul" (speaker)

2022

- Lisbon Mind and Reasoning group - "Happiness, purpose in life, and the self: what is outside of your head once you've have figured out what is inside it" (speaker)

2021

- Summit of the International Society for the Study of Information (IS4SI) "Finding the "I" with AI - modeling self and its place in the natural order" (speaker)
- Sharif Graduate School - "Paper vs electronic reading devices, impacts on cognition and learning, and the value of a library" (speaker)

Conferences, talks and seminars (continued)

2020

- Philosophy of Human Technology Relations 2020, University of Twente - "On the potential to mediate cooperative social transformations in an era of ubiquitous revolt" (speaker); Session 17: Technology and Politics (session chair)
- University of Twente Tech and Values Seminar - "Machine ethics: solving the moral hard problem" (speaker)

2019

- OZSW - Amsterdam - "A Garden too Perfect? The Neglect of Cognition in the Landscape of Ecological Enactivism" (co-speaker)
- Kongress der Wissenssolzologie, Koblenz - "Artificial Objectification, its potential and reality" (speaker)
- University of Twente Philosophy Colloquium - "The Compass Point of Conscience: a Kantian interpretation of systems neuroscience" (speaker)
- Sharif Spring School Conference on Ethics of AI, Tehran - "Ethical issues in AI" (speaker)

2018

- Dutch Research school of Philosophy (OZSW) 6th annual conference, University of Twente, Netherlands (session chair)
- University of Twente Tech and Values Seminar - "The role of AI and robotics in transitions through ongoing and anticipated critical periods: a constructive proposal" (speaker)
- World Congress of Philosophy, Beijing, Session 58: Philosophy of Artificial Intelligence (co-chair)

2017

- Tilburg University, Netherlands - "Prospects for fully autonomous (Kantian) AMAs" - (speaker)
- Conference on Ethics and Artificial Intelligence, University of Agder, Norway - "Prospects for fully autonomous (Kantian) AMAs" - (speaker)
- OIST, Okinawa - "Prospects for fully autonomous AMAs" - (seminar)
- COGSCI 2017 (referee)

2016

- TV Chosun Global Leaders Forum, Seoul, Session: Abolishing Government - "Abolishing government? Managing transitions" (speaker)
- COGSCI 2016 (referee)

2015

- International Challengers for the Integration of Science, Technology, and Society - KAIST 2015 (speaker)
- 7th Beyond Humanism Conference, Ewha University, Seoul (speaker, session chair)
- COGSCI 2015 (referee)

2014

- International Challengers for the Integration of Science, Technology, and Society - KAIST 2014 (speaker)
- COGSCI 2014 (referee)

2013

- KAIST workshop on Abduction (moderator)
- International Challengers for the Integration of Science, Technology, and Society - KAIST 2013 (speaker)

2012

- Model Based Reasoning 2012, Italy -, "Modeling non-violent social transformation" (speaker)
- Model Based Reasoning 2012, Italy - "Modeling Morality" (speaker)

2011

- The Changing Face of War, Wiley-Blackwell Exchanges Online Conference Series (discussant)

2010

- Harmony and Order vs. Spontaneity and Revolt in Eastern and Western Philosophies, The University of Hong Kong, "Toward a Universal Framework for Understanding Harmony and Revolt: the spontaneous as natural in Wittgenstein and Heidegger" (speaker)

Conferences, talks and seminars (continued)

2009

- Model Based Reasoning 2009, Brazil, "Understanding and Augmenting Human Morality: An Introduction to the ACTWith Model of Moral Cognition" (speaker)

2008

- Seoul National University, "Philosophical Implications of Gender Differences in Brain and Cognition: a review of recent research" (guest lecture) Moon Sook Byeon (course instructor)
- World Congress of Philosophy XXII, Seoul National University, "Conscience, Consciousness, Sciousness And Science: A Glimpse At Neuroethics And The Future Of Moral Philosophy" (speaker)
- World Congress of Philosophy XXII, Seoul National University, "How Did Socrates Become Socrates?: On the Socratic Recipe for the Philosophic Life" (speaker)
- World Congress of Philosophy XXII, Seoul National University, "Heidegger And The Space Of Life" (speaker)
- World Congress of Philosophy XXII, Seoul National University, "Good Will and the Conscience in Kant's Ethical Theory" (speaker)

2006

- Midwest Political Science Association, Chicago, ""Who Killed Socrates? The Plausibility of a Blameworthy Collective Agent" (speaker)