Duncan Purves

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AREAS OF SPECIALIZATION

Ethics and Technology, Applied Ethics, Ethical Theory, Environmental Philosophy, Bioethics

AREAS OF COMPETENCE

Metaethics, Social and Political Philosophy

ACADEMIC POSITIONS

UF Research Foundation Professor, Associate Professor, Department of Philosophy
Glenn and Deborah Renwick Fellow in AI and Ethics, Department of Computer Science and Engineering
    University of Florida   Tenured August 16th, 2021

Assistant Professor, Department of Philosophy
    University of Florida   2017 − 2021

Faculty Fellow, Center for Bioethics and Department of Environmental Studies
    New York University   2015 − 2017

Visiting Assistant Professor, Department of Philosophy
    University of Wyoming   2014 − 2015

Lecturer, Department of Philosophy
    University of Colorado Boulder   2013 − 2014

EDUCATION

PhD in Philosophy, University of Colorado-Boulder, 2013

BA in Philosophy, BA in French, University of Missouri-Columbia (*magna cum laude*), 2006

FUNDING AND AWARDS

"Artificial Intelligence and Predictive Policing: An Ethical Analysis"
- Role: Co-Principal Investigator with Ryan Jenkins, Cal Poly-San Luis Obispo.
- Sponsor: National Science Foundation, award #1917712.
- Total award amount: $509,946

- Award Period: Sept. 1, 2019 – Aug. 31, 2023

"Algorithmic Policing and Public Trust of Law Enforcement." Consortium on Trust in Media and Technology, University of Florida College of Journalism and Communications
- Role: Principal Investigator
- Total award amount: $125,000 to hire a postdoctoral fellow
- Award Period: Oct. 1, 2020 – Oct. 1, 2022

University of Florida Research Foundation Professor Award
- Total award amount: $18,000
- Award Period: May, 2023 – May, 2026

PEER-REVIEWED PUBLICATIONS

"Should algorithms that predict recidivism have access to race?"
American Philosophical Quarterly (with J. Davis)   2023

"Fairness in algorithmic policing"
Journal of the American Philosophical Association   2022

"Five ethical challenges facing data-driven policing"
AI and Ethics (with J. Davis, S. Sturm, and J. Gilbert)   2022

"Public trust, institutional legitimacy, and the use of algorithms in criminal justice"
Public Affairs Quarterly (with J. Davis)   2022

"Emerging ethical considerations for the use of artificial intelligence in ophthalmology"
Ophthalmology Science (with Evans N.G., Wenner D.M., Cohen I.G., Chiang
M.F., Ting D.S. & Lee A.Y.   2022

"A review of predictive policing from the perspective of fairness"
Artificial Intelligence and Law (with K. Alikhademi, E. Drobina, D. Prioleau, B.
Richardson, J. Gilbert)   2021

"Autonomous weapons systems and the moral equality of combatants"
Ethics and Information Technology 22: 197 – 209 (with M. Skerker and R. Jenkins)   2020

"Harming as making worse off"
Philosophical Studies 176(10): 2629–2656   2019

"Wild animal suffering is intractable"
Journal of Agricultural and Environmental Ethics 31(2): 239 – 260 (with N. Delon)   2018

"Meaning in the lives of humans and other animals"
Philosophical Studies 175(2): 317 – 338 (with N. Delon)   2018

"Desire satisfaction, death, and time"

Canadian Journal of Philosophy 47(6): 799 − 819   2017

"A quiet revolution in organ transplant ethics"
    Journal of Medical Ethics 43(11): 797 − 800 (with A.r Caplan)   2017
    Reprinted in the University of Tokyo Center for Biomedical Ethics and Law Report 1(1)   2018

"A new argument for the irrelevance of equality for intrinsic value"
    Philosophia 45(1): 277 − 297 (with S. Kershnar)   2017

"When robots should do the wrong thing"
    in *Robot Ethics 2.0*, OUP (with R. Jenkins and B. Talbot)   2017

"A dilemma for moral deliberation in AI"
    International Journal of Applied Philosophy 30(2): 313 − 335 (with R. Jenkins)   2016

"Robots and respect: a response to Sparrow"
    Ethics and International Affairs 30(3): 391 − 400 (with R. Jenkins)   2016

"Accounting for the harm of death"
    Pacific Philosophical Quarterly 97(1): 89 − 112   2016

"Non-identity for non-humans"
    Ethical Theory and Moral Practice 19(5): 1165 − 1185 (with B. Hale)   2016

"Right intention and the ends of war"
    Journal of Military Ethics 15(1): 18 − 35 (with R. Jenkins)   2016

"The significance of personal identity for death"
    Bioethics 29(9): 681 − 682   2015

"Autonomous machines, moral judgment, and acting for the right reasons"
    Ethical Theory and Moral Practice 18(4): 851 − 872 (with R. Jenkins and B. Strawser)   2015

"The harms of death"
    Cholbi, Michael (ed.) *Immortality and the Philosophy of Death*. Rowman & Littlefield   2015

"Torture and incoherence: a reply to Cyr"
    The Journal of Ethics 19(2): 213 − 218   2015

"Genetically modified organisms, future generations, and the limits of precaution"
    Social Philosophy Today 31: 99 − 109   2015

"Human non-human chimeras: enhancement or creation?"
    American Journal of Bioethics 14(2): 26 − 27   2014

"Anthropocentric indirect arguments and anthropocentric moral attitudes"
    Ethics, Policy, and Environment 17(3): 267 − 270   2014

"A counterexample to two accounts of harm"
Southwest Philosophy Review 30(1): 243 − 250   2014

"Still in hot water: doing, allowing, and Rachels' bathtub cases"
Southwest Philosophy Review 27(1): 129 − 137   2011

EDITED BOOK
Ethical Underpinnings of Climate Economics—Routledge Earthscan (with Sade
Hormio and Adrian Walsh)   2016

UNDER REVIEW
"A bias mitigation technique for place-based algorithmic patrol management"

"Against the causal account of algorithmic fairness"

MEDIA
"[What's Wrong with Predictive Policing?](#)"
Public Ethics Blog (published by the Stockholm Centre for War and Peace)   June 2023

"[Criminal Justice Algorithms: Being Race-neutral Doesn't Mean Race-blind](#)"   March 2022
The Conversation

"Killer Robots: New Reasons to Worry About Ethics", Interview with Forbes   January, 2016

"The Badness of Death", blog post for 1000-Word Philosophy Blog   May, 2014

"The Non-identity Problem", blog post for 1000-Word Philosophy Blog   February, 2014

Review of *Climate Matters* by John Broome, *The Philosopher's Magazine*   2013

PROFESSIONAL MEMBERSHIPS
The Association for Computing Machinery (ACM)

The American Philosophical Association (APA)

SERVICE
University of Florida

Undergraduate Coordinator   Fall 2023 − Present

Chair, Undergraduate Committee   Fall 2023 − Present

Lead Organizer, Working Group in AI Ethics and Policy   Fall 2021 − Present

Chair, Colloquium Committee   Fall 2021 − Spring 2023

Chair, Search Committee for Senior Professor in Philosophy of AI   Fall 2023, Spring 2024

Member, Colloquium Committee   Fall 2019 – Fall 2021

Member, Search Committee for Assistant Professor in AI Ethics   Spring 2018

Member, Graduate Committee   Fall 2017 – Fall 2019

PRESENTATIONS
"What to Trust When We Trust AI"
    Rocky Mountain Ethics Congress
    University of Colorado, Boulder, CO   August 2024

"Using AI to Reduce Crime and Mitigate Bias"
    International Association of Chiefs of Police, Charlotte, NC   May 2024

"Against the Causal Account of Algorithmic Fairness"
    Southern Workshop for the Ethics of Emerging Technologies
    University of Georgia, Athens, GA   April 2024

    Rocky Mountain Ethics Congress
    University of Colorado, Boulder, CO   August 2024

"Fair Policing in the Age of Artificial Intelligence"
    Colloquium presentation for the School of Computing, University of
    Wyoming, Laramie, WY   September 2023

    American Association for the Advancement of Science
    Washington, D.C.   September 2023

"What is Algorithmic Fairness?"
    Colloquium presentation for the Department of Philosophy, University
    of Wyoming, Laramie WY   September 2023

"Philosophical perspectives on the ethics of military artificial intelligence"
    Stockdale Center for Ethical Leadership's Annual McCain Conference
    US Naval Academy, Annapolis, MD   April 2022

"Should algorithms that predict recidivism have access to race?"
    York University, Toronto, CA   December 2021

"Public trust, legitimacy, and the use of AI in criminal justice"
    Embedding AI in Society symposium, NC State, Raleigh, NC   February, 2021
    Center for Values and Social Policy, U. of Colorado, Boulder, CO   April, 2021

"Criminal justice algorithms and public trust"
    University of Iowa, Department of Philosophy, Iowa City, IA (Invited)   (Postponed)

"Moral differences between autonomous weapons and autonomous vehicles"
Autonomous Vehicles Symposium, Orlando, Florida (Invited)   July 2019

"Predictive policing: unbiased and unfair?"
    Information Ethics Roundtable: Conference on Justice and Fairness in
    Machine Learning and Big Data, Northeastern University, Boston, MA   April 2019

    University of Massachusetts, Boston, Applied Ethics Center (Invited)   September 2019

    University of Iowa, Department of Philosophy, Iowa City, IA (Invited)   (Postponed)

"Unjust Enrichment and the Consumption of Animal Products"
    Florida Philosophical Association, Pensacola, FL   November, 2018

    Philosophy Colloquium Series, University of South Carolina (Invited)   October 2019

"Predictive policing and the demands of justice"
    Cal Poly Philosophy Department and Department of Computer Science and
    Software Engineering (Invited)   May 2018

"The ethics and ecology of genetic interventions to prevent wild animal suffering,"
    CU Boulder's Environmental Studies Departmental Colloquium Series (Invited) March, 2018

    Rutgers-Camden's Philosophy Department Workshop on Enhancements (Invited) April, 2018

    Convergence and Divergence between Animal and Environmental Ethics,
    Centre de Recherche en Éthique, Montreal, Quebec   May 2017

    Second Annual Bovay Workshop on Engineering and Applied Ethics
    Texas A&M   March 2017

"Autonomous weapon systems: research, risk, and responsibility" (Invited)
    Dialogues in Research Ethics, University of Miami Institute for Bioethics
    and Health Policy   November, 2017

"Desire satisfaction, death, and time"
    The Rocky Mountain Ethics Congress, CU Boulder   August 2017

"Meaning in the lives of humans and other animals"
    Human and Non-human Animals: Minds and Morals
    University of Connecticut, Storrs CT   May 2017

"Should we design artificial intelligence to have false moral beliefs?"
    The Rocky Mountain Ethics Congress, CU Boulder   August 2016

"Harming, failing to benefit, and the causing/allowing distinction"

Bled Philosophical Conference, Bled, Slovenia   June 2016

"Life-improving organ transplantation: some ethical questions (Invited)
    Invited Speaker, Society of Bioethics and Medicine, Brooklyn College   Spring 2016

"Death and timeless values"
    The International Association for the Philosophy of Death and Dying, Syracuse, NY May 2016

"A new problem for moral reasoning in autonomous weapons"
    The Future of Just War, Naval Postgraduate School, Monterey, CA   October 2015

"Must robots be consequentialists?"
    The Rocky Mountain Ethics Congress, CU Boulder   August 2015

"The harms of death"
    Young Scholars Workshop for the Immortality Project, UC Riverside   May 2015

"Intergenerational justice and discounting the future"
    Central American Philosophical Association (colloquium), St. Louis   February 2015

"Criteria for a successful account of the harm of death"
    International Association for the Philosophy of Death and Dying, Pomona   October 2014

"The case for discounting the future"
    Workshop on the Ethical Underpinnings of Climate Economics, Helsinki   November 2014

"Right intention and the ends of war"
    Meeting of the International Society for Military Ethics, Notre Dame   October 2014

"How to raise the levelling down objection without appealing to the slogan"
    The Rocky Mountain Ethics Congress, CU Boulder   August 2014

"A counterexample to two accounts of harm"
    Annual Meeting of the Southwestern Philosophical Society   November 2013

"You are what I eat: moral implications of GMOs for future generations"
    International Social Philosophy Conference, Quinnipiac University, Hamden, CT July 2013

"Death and disability: two problems for the event-based account of harm"
    Pacific American Philosophical Association (colloquium), San Francisco, CA   March 2013

"The non-identity problem and the levelling-down objection"
    Illinois Philosophical Association, UI Urbana-Champagne, IL   November 2012

"The distinctive feeling of desire theory of pleasure"
    Midsouth Philosophy Conference, Rhodes College, Memphis, TN   February 2012

"Still in hot water: doing, allowing, and Rachels' bathtub cases"
Annual Meeting of the Southwestern Philosophical Society   November 2010

COMMENTARIES

Comments on John Basl, Jeff Behrends, and Mark Lee, "Of trolleys and Tesla:
Could trolley cases help us understand how to program autonomous
vehicles?"
Rocky Mountain Ethics Congress, CU Boulder, Boulder, CO   August 2018

Comments on Matthew Hanser's "The moral significance of harm" and Molly
Gardner's "Harming, doing harm, and causation"
Symposium on the nature and moral significance of harm at the Pacific
Division Meeting of the American Philosophical Association, San Diego, CA   March 2018

Comments on Sharisse Kanet's "Minding the gap"
International Society for Environmental Ethics, Allenspark, CO   June 2014

Comments on Molly Gardner's "On the strength of the reason against harming"
Rocky Mountain Ethics Congress, CU Boulder, Boulder, CO   August 2013

Comments on Christopher Pynes' "The potentiality problem redux"
Midsouth Philosophy Conference, Rhodes College, Memphis, TN   February 2012

SMALLER AWARDS, FELLOWSHIPS, GRANTS

SEC Visiting Faculty Travel Grant ($1147.83)   Spring 2024

Humanities Scholarship Enhancement Fund Award ($12,000)   Summer 2024

Humanities Scholarship Enhancement Fund Award, ($10,668)   Summer 2019

Workshop Fellow—NEH Summer Institute, "Extending the Land Ethic"   Summer 2016

Invited participant—Younger Scholars Workshop, Templeton Immortality Project   Spring 2015

Research Travel Grant International Society for Environmental Ethics ($500)   Fall 2014

Research Travel Grant—International Programs at the University of Wyoming   Fall 2014

TEACHING

Ethics, Data, and Technology   UF, Fall and Spring 2019, 2020, 2021, 2022, 2023, 2024

Graduate Seminar in Ethics and Technology   UF, Spring 2020, Spring 2023

Philosophy of Death   UF, Fall 2018, Spring 2021

Moral Philosophy   UF, Spring 2018, Fall 2018

Ethics of Technology	UF, Spring 2018
Ethical Theory-Graduate Seminar	UF, Fall 2017
Contemporary Moral Issues	UF, Fall 2017, Spring 2021
Ethics and Animals	NYU, Fall 2016
Advanced Environmental Ethics-Graduate Seminar	NYU, Spring 2016, Spring 2017
Ethics and the Environment	NYU, Fall 2015, Fall 2016
Justice in Health and Healthcare-Graduate Seminar	NYU, Fall 2015
Metaphysics for Ethics-Graduate Seminar	UW, Spring 2015
Philosophy of Language	UW, Spring 2015
Introduction to Philosophy	UW, Fall 2014
Natural Resource Ethics	UW, Spring 2015, Fall 2014
Bioethics	CU, Spring 2014
Environmental Justice	CU, Fall 2013
Environmental Ethics	CU, Summer 2013, Fall 2013
Philosophy and Society	CU, Spring 2013, Spring 2014
Philosophy and Race	CU, Spring 2012, Fall 2012

MA THESIS SUPERVISION

Kristina Sokourenko, "Public schools, hospitals, and prisons: the institutional power to nudge"	NYU Summer 2017
Sean Jensen, "GP-Write and the moral permissibility of human enhancement"—Philosophy PhD candidate, U. of Twente	NYU Summer 2017
Rasmus Mikkelsen, "Sentience and interests"	NYU Summer 2017
Katherine Mintz, "Retractions: the disappointing everyman"	NYU Spring 2017
Michael Corbett, "Easy rescue and the state: on the justifiable use of force to save distant people"	NYU Spring 2017

Emily Slome, "Addressing the ethics of removing the financial disincentive
of living kidney donation"—Philosophy PhD candidate, CU Boulder   NYU Spring 2017

Stephanie Peterson, "What we owe: justice for climate refugees"   NYU Spring 2016

Samatha Nemana, "Implementing justice through water access: the PRWSSIP
project and gendered access to water resource management"   NYU Fall 2015

Shaked Landor, "Growing up green: a garden-based learning (GBL) proposal
to addressing anthropogenic climate change"   NYU Fall 2015

MEDIA
"Killer Robots: New Reasons to Worry About Ethics", Interview with Forbes   January, 2016

"The Badness of Death", blog post for 1000-Word Philosophy Blog   May, 2014

"The Non-identity Problem", blog post for 1000-Word Philosophy Blog   February, 2014

Review of *Climate Matters* by John Broome, *The Philosopher's Magazine*   2013

SERVICE TO THE PROFESSION AND THE PUBLIC
Member, Police Advisory Council for the City of Gainesville   2021 – Present
Mentor, University of Florida Minority Mentor Program   2018 – Present AY

"Who Should You Trust?: Thinking for Yourself and Trusting Experts,"
Public presentation for UF undergraduates   Fall 2017

Program Committee Member
International Association for the Philosophy of Death and Dying   Fall 2017 – Spring 2018

Judge, NYC High School Ethics Bowl   Winter 2017

Lead coordinator, NYC Early Career Ethicists Workshop   Fall 2016—Fall 2017

Faculty consultant—NYU Philosophy Outreach Program   Spring 2016

Graduate admissions committee, NYU Center for Bioethics   Fall 2016—Summer 2017

Assistant organizer, Stoic Camp hosted by U. of Wyoming Philosophy   Spring 2015

Committee member, Biodiversity Institute Grant Competition, U. of Wyoming   Spring 2015

"The Ethics of Drone Warfare," for the U. of Wyoming Philosophy Club   Spring 2015

Graduate coordinator, Rocky Mountain Ethics Congress, U. of Colorado   2008—2013

Co-organizer, Rocky Mountain Philosophy Conference, U. of Colorado   2011

Department representative, Graduate Student Government, U. of Colorado   2008—2009

Research affiliate, *The Committee on Environmental Thought: http://environmentalthought.com/.*

Contributor, *1000-Word Philosophy Blog.*

Reviewer for *Ethics, Philosophy and Phenomenological Research, Philosophical Quarterly, Philosophical Studies, National Science Foundation, Pacific Philosophical Quarterly, Public Affairs Quarterly, Environmental Philosophy, Dialectica, Philosophy and Technology, Journal of Social Philosophy, Journal of Ethics and Social Philosophy, Journal of Medical Ethics, Utilitas, Canadian Journal of Philosophy, Journal of Moral Philosophy, Journal of Applied Philosophy, Journal of Military Ethics, Journal of Science and Engineering Ethics, Philosophical Papers, Philosophia, Southwest Philosophy Review, Ethical Theory and Moral Practice, Analysis, Rocky Mountain Ethics Congress*