# David Gray Grant

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## Employment

University of Florida

– 2021-present: Assistant Professor of Philosophy

University of Texas at San Antonio

– 2020-2021: Assistant Professor of Philosophy

Harvard University

– 2018–2020: Embedded EthiCS Postdoctoral Fellow in Philosophy

– 2017–2018: Embedded EthiCS Graduate Fellow in Philosophy

– 2017–2018: Ethics Pedagogy Fellow, the Edmond J. Safra Center for Ethics

– 2014–2017: Teaching Fellow, Harvard Kennedy School of Government

University of Southern California

– Summer 2017: Summer Research Fellow, Center for AI and Society

## Education

Ph.D. in Philosophy, Massachusetts Institute of Technology, 2018

– Dissertation: "Ethics for Artificial Agents"

– Alex Byrne (chair), Tamar Schapiro, Miriam Schoenfield, Milind Tambe (Harvard)

B.A. in Philosophy (with honors), University of North Carolina at Chapel Hill, 2005

## Areas of Specialization

Ethics of Technology, Social and Political Philosophy, Philosophy of Science

## Areas of Competence

Ethical Theory, Philosophy of Mind, Metaphysics, History of Philosophy

## Publications

– "Equalized Odds is a Requirement of Algorithmic Fairness," *Synthese*, forthcoming

– "Embedded EthiCS: Integrating Ethics Broadly Across Computer Science Education" (with Barbara Grosz et al.), *Communications of the Association for Computing Machinery*, 2019

– "Ethics and Artificial Intelligence in Public Health Social Work," in *Artificial Intelligence and Social Work*, ed. Milind Tambe and Eric Rice (Cambridge University Press), 2018

## Works in Progress

– A paper on transparency standards for algorithmic decision-making systems (first author; with Jeff Behrends and John Basl) (selected after blind review for a special issue on AI ethics and normative theory; to be published at *Philosophical Studies*)

– A paper on ethical standards for artificial agents (under review)

– A paper on explainable artificial intelligence and procedural fairness (in preparation)

– A paper on proxy discrimination and machine learning (in preparation)

## Grants and Awards

### GRANTS

Responsible Computer Science Challenge: Stage I, Harvard University, 2019-20

– $150,000. Collaborator on "Embedded EthiCS: Module Design and Teaching Materials for Core CS Courses" (PIs: Barbara J. Grosz, Radhika Nagpal)

### FELLOWSHIPS AND AWARDS

– Certificate of Distinction in Teaching, Harvard University, Spring 2016

– Presidential Fellowship, Massachusetts Institute of Technology, 2008–2009

– Worth Award for Excellence in the Undergraduate Study of Philosophy, UNC Chapel Hill, 2005

## Other Relevant Employment

Senior Research Fellow in Digital Ethics and Governance, Jain Family Institute, February 2018–present

– Conduct research, lead a weekly work-in-progress seminar for Institute Fellows in Digital Ethics and Governance, and consult on Institute projects

Philosophy Faculty, North Carolina Governor's School, Summer 2015 and 2016

– Prepared and taught three introductory philosophy classes a week to three different groups of fifteen rising high school seniors for the duration of the five-week summer program

## Presentations

### REFEREED PRESENTATIONS

– "Simple Models Promote Procedural Fairness," PPE Society Sixth Annual Meeting, New Orleans, November 2022

– "Equalized Odds is a Requirement of Algorithmic Fairness," 14th Annual Rocky Mountain Ethics Congress, University of Colorado Boulder, August 2021

– "What We Owe to Decision Subjects: Beyond Transparency and Accountability in Automated Decision-Making" (with Jeff Behrends and John Basl), 13th Annual Rocky Mountain Ethics Congress, University of Colorado Boulder, August 2020

- "Equalized Odds is a Requirement of Algorithmic Fairness"

    · Edinburgh Legal Theory Research Group Seminar Series, University of Edinburgh, April 2022
    · University of Florida South Eastern Graduate Philosophy Conference (keynote address), University of Florida, April 2022

- Keynote address on machine learning and social justice for the 18th Biennial Meeting of the International Society for Justice Research, Lisbon, July 2021

- "What We Owe to Decision Subjects: Beyond Transparency and Accountability in Automated Decision-Making" (with Jeff Behrends and John Basl)

    · Hoffman Center for Business Ethics, Bentley University, April 2021
    · Law and New Technologies Conference, University of Cantanzaro, March 2021
    · Ethics and Technology Seminar Series, University of Marcerata and University of Rome, January 2021

- "Ethics for Artificial Agents," Northeastern University AI and Data Ethics Group, March 2019

- "Fair Machine Learning and Moral Philosophy," Harvard Center for Research on Computation and Society Lunch Seminar, November 2018

- "Algorithms in the Criminal Adjudicative Process" (panelist), Boston University Workshop on Algorithms, Ethics, and Accountability, March 2018

- "Ethical Considerations in the Design of Network-Based Prevention Programs,"

    · Jain Family Institute, February 2018
    · University of Southern California Center for Articial Intelligence in Society, July 2017

- "Ethics and Artificial Intelligence: An Overview," University of Southern California Center for Articial Intelligence in Society, June 2017

COMMENTARIES AND INVITED PARTICIPATION

- Comments on Yvvonne MacPherson and Kathy Pham, "Ethics in Health Data Science," Radcliffe Institute Exploratory Seminar on the Ethics of Technology at Work and in Public Institutions, Harvard University, January 2020

- Comments on Robert Long, "Fairness in Machine Learning: Against False Positive Rate Equality," Northeastern Information Ethics Roundtable, Northeastern University, April 2019

- Participant, Harvard Integrating Ethics Across Computer Science Curricula Workshop, October 2018

- Participant, FAT* Data Science Ethics Education Workshop, February 2018

*Teaching*

AS PRIMARY INSTRUCTOR

Ethics, Data, and Technology, University of Florida, Fall 2021, Spring 2022, Fall 2022, and Spring 2023

- This undergraduate course explores ethical challenges in the design and regulation of emerging technologies, drawing on concepts and readings from a variety of disciplines.

Philosophy of Artificial Intelligence, University of Florida, Spring 2022 and Spring 2023

- – This undergraduate course explores metaphysical and moral issues raised by artificial intelligence.

Philosophy of Social Science, University of Florida, Fall 2022

- – This undergraduate course explores connections between debates about the explanation of social phenomena and debates about distributive justice.

Introduction to Philosophy, University of Florida, Fall 2021

- – This undergraduate course provides students with a general introduction philosophical questions and methods, as well as satisfying the university writing requirement.

Ethics, University of San Antonio, Fall 2020 and Spring 2021

- – An online asynchronous course for undergraduates, this course is an introduction to normative and applied ethics, organized around the question of how we should respond to rising levels of domestic and international socioeconomic inequality

Ethical Theory, University of San Antonio, Spring 2021

- – This is a graduate section for Ethics (see above) that explores ethical theory and its connection to questions about distributive fairness in greater depth

Intelligent Systems: Design and Ethical Challenges, Harvard University, Spring 2020

- – Co-taught with an applied AI researcher, this course teaches computer science students how to apply artificial intelligence to real-world social problems, and how to address ethical challenges that arise through appropriate design techniques

UNDERGRADUATE SUPERVISION

Senior thesis supervision at the University of Florida:

- – Cole Chmielewski, title TBD, 2022–2023

Senior thesis supervision at Harvard University:

- – Aaron Kruk, *Kant in the Brain: What Neuroscience Tells Us About Moral Worth*, 2019-2020
- – Sam Oh, *An Ethical and Technical Evaluation of the Use of Machine Learning Models in Health and Human Services: A Case Study of the Allegheny Family Screening Tool*, 2019
- – Michael Bervell, *Click Here to Accept: Electronic Informational Privacy on Social Media*, 2018-2019
- – Aaron Fogelson, *The Legality of Obscenity in Virtual Reality*, 2018-2019

AS TEACHING FELLOW

At the Harvard Kennedy School of Government:

- – The Responsibilities of Public Action (Christopher Robichaud), Fall 2017, Fall 2016, Fall 2015, Spring 2014
- – Ethics in Public Life (Christopher Robichaud), Fall 2016, Fall 2015, Fall 2014
- – Economic Justice (Christopher Robichaud), Spring 2016, Fall 2014

At Harvard University:

- Philosophy of Psychology (Guven Guzeldere), Spring 2016

- Ancient Philosophy (Russell Jones), Spring 2015

At the Harvard Extension School:

- Utopia and Dystopia in Fiction and Philosophy (Christopher Robichaud), Fall 2016

- Contemporary Topics in Political Philosophy (Christopher Robichaud), Fall 2013

At the Massachusetts Institute of Technology:

- Minds and Machines (Alex Byrne), Fall 2011

- Justice (Lucas Stanczyk), Spring 2011

- Philosophical Issues in Brain Science (Alex Byrne and Pawan Sinha), Fall 2010

- Bioethics (Caspar Hare and David Jones), Spring 2010

- Classics of Western Philosophy (Rae Langton), Fall 2009

## *Service*

TO THE PROFESSION

- Referee for the ACM Conference on Fairness, Accountability, and Transparency (ACM FAccT) (2021, 2022, and 2003)

- Ethical Reviewer for the Conference on Neural Information Processing Systems (NeurIPS) (2021)

TO UNIVERSITY OF FLORIDA

- Member, Colloquium Committee, 2023

- Member, Working Group in AI Ethics and Policy, 2022–present

- Member, Undergraduate Committee, 2021–2022

TO UNIVERSITY OF TEXAS AT SAN ANTONIO

- Graduate Program Committee, 2020–2021

TO MASSACHUSETTS INSTITUTE OF TECHNOLOGY

- Graduate Student Representative, MIT Department of Philosophy, 2011 and 2012

- Graduate Student Recruitment Committee, MIT Department of Philosophy, 2010 and 2011