

DEPARTMENT OF PHILOSOPHY • TEXAS A&M UNIVERSITY  
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E-MAIL: MARTINPETERSON@TAMU.EDU

## MARTIN PETERSON

### **AREAS OF SPECIALIZATION**

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Ethics of Technology

### **AREAS OF COMPETENCE**

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Normative Ethics, Decision Theory, Experimental Philosophy

### **EDUCATION**

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Ph.D., Philosophy, KTH Royal Institute of Technology, Stockholm, 2003.

M.A., Philosophy, Stockholm University, 1997.

### **FACULTY APPOINTMENTS**

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Texas A&M University  
Professor of Philosophy and Sue G. and Harry E. Bovay Jr. Professor of  
the History and Ethics of Professional Engineering, 2014 –

Eindhoven University of Technology (NL)  
Professor, 2013 – 2014, Associate Professor, 2009 – 2013.

University of Cambridge (UK)  
Research Fellow, 2005 – 2008.

KTH Royal Institute of Technology (SWE)  
Employed in various positions 1999 – 2009: PhD Student, Research Fellow,  
and Assistant Professor (with tenure). On leave for other jobs 2005 – 2008

Luleå University of Technology (SWE)  
Assistant Professor (with tenure), up to 75% of full time, 2004 – 2008.

### **VISITING POSITIONS**

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University of Cambridge (UK)  
Visiting Fellow in the Department of History and Philosophy of  
Science, Lent Term 2012.

University of Cambridge (UK)  
Senior Member (non-resident) of Wolfson College, 2005 – 2008.

Stockholm University (SWE)  
Researcher in the Department of Philosophy, 10% of full time, 2009–  
2012.

## BOOKS

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1. *Ethics in the Gray Area: A Gradualist Theory of Right and Wrong*, Cambridge University Press, 2023.
2. *Ethics for Engineers*, Oxford University Press, 2019.
3. *The Ethics of Technology: A Geometric Analysis of Five Moral Principles*, Oxford University Press, 2017.
4. *The Dimensions of Consequentialism*, Cambridge University Press, 2013.
5. *An Introduction to Decision Theory*, Cambridge University Press, 2009. 2nd ed. 2017.
6. *Non-Bayesian Decision Theory*, Springer, 2008. (Monograph)

## EDITED BOOK

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*The Prisoner's Dilemma*, Cambridge University Press, 2015.

## PEER-REVIEWED PAPERS 2010-2023 (PRE-2010 AVAILABLE ONLINE)

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### Ethics of Technology

1. "How to Measure Value Alignment in AI" (with Peter Gärdenfors), *AI and Ethics*, in press.
2. "Value Change, Energy Systems, and Rational Choice" *Science and Engineering Ethics*, vol 29, 1-13, 2023.
3. "What do technical functions supervene on?" *Techné: Research in Philosophy and Technology*, vol 26: 413-425, 2022.
4. "Friendly AI" (with Barbro Froding), *Ethics and Information Technology*, vol 23: 207-214, 2021.
5. "The Value Alignment Problem: A Geometric Approach" *Ethics and Information Technology*, 21: 19-28, 2019.
6. "Why Virtual Friendship Is No Genuine Friendship" (with B Froding) *Ethics and Information Technology*, vol 14: 201-207, 2012.
7. "A Computer Simulation of the Argument from Disagreement" (with J E Gustafsson) *Synthese*, vol 184: 387-405, 2012.
8. "Is there an Ethics of Algorithms?" (with F Kraemer and K Overveld) *Ethics and Information Technology*, 13: 251-260, 2011.
9. "Can We Use Conceptual Spaces To Model Moral Principles?" (with Steven Verheyen), *Review of Philosophy and Psychology*, in press.
10. "Is the Precautionary Principle a Midlevel Principle?" (w P. Sandin), *Ethics, Policy & Environment*, 22: 34-48, 2019.
11. "The Ethics of Technology: Response to Critics" *Science and Engineering Ethics*, 24: 1645-1652, 2018.
12. "Yes, The Precautionary Principle Is Incoherent," *Risk Analysis* 37: 2035-2038, 2017.
13. "What is the Point of Thinking of New Technologies as Social Experiments?" *Ethics, Policy & Environment, Ethics, Policy & Environment* 20: 78-83.
14. "On the Epistemology of the Precautionary Principle: Reply to Steglich-Petersen" (with J. Adam Carter). *Erkenntnis*, 81: 297-304, 2016.
15. "On the Epistemology of the Precautionary Principles", (with J. Adam Carter), *Erkenntnis*, 80: 1-13, 2015.

16. "Nuclear Power is Neither Right Nor Wrong: The case for a tertium datur in the ethics of technology" (with R Hillerbrand), *Science and Engineering Ethics*, 20: 583-595, 2014.
17. "New Technologies Should Not Be Treated As Social Experiments" *Ethics, Policy and Environment*, 16: 346-348, 2013.
18. "The Role of Non-Epistemic Values in Engineering Models" (with S Diekmann), *Science and Engineering Ethics*, 19: 207-218, 2013.
19. "Risk and Mid-Level Moral Principles" (with N Espinoza) *Bioethics*, 26: 8-14, 2012.
20. "How to Depolarize the Ethical Debate Over Human Embryonic Stem Cell Research (and Other Ethical Debates Too!)", (with N Espinoza) *Journal of Medical Ethics*, vol 38: 496-500, 2012.
21. "Can Technological Artefacts Be Moral Agents?" (with A Spahn) *Science and Engineering Ethics*, 17: 411-424, 2011.

### **Moral Philosophy**

1. "Moral Rightness Comes in Degrees", *Journal of the American Philosophical Association*, 8: 645-664, 2022
2. "Abortion Is Neither Right Nor Wrong", *The Journal of Value Inquiry*, 56: 219–240, 2022.
3. "The Deontic Transfer Principle" (with Christian Seidel), *Erkenntnis*, 86: 1185–1195, 2021.
4. "Consequentialism in Infinite Worlds" (with Adam Jonsson), *Analysis*, 80(2): 240-248, 2020.
5. "The Anti-Nihilist Wager", *Dialectica*, vol 72: 597-602, 2018.
6. "Pure Time Preference: Reply to Johansson and Rosenqvist" (with R Lowry), *Pacific Philosophical Quarterly*, 97(3): 442-445, 2016.
7. "The Dimensions of Consequentialism: Reply to Schmidt, Brown, Howard-Snyder, Crisp, Andric and Tanyi, and Gertken. *Ethical Theory and Moral Practice*, vol 19: 71-82, 2016. (For a special issue on my book with the same title.)
8. "Reply to Ralf Bader" *Dialectica*, vol 68: 625-29, 2014.
9. "The Last Man Argument Revisited" (with Per Sandin) *The Journal of Value Inquiry*, vol 47: 121-133, 2013.
10. "Multi-Dimensional Consequentialism" *Ratio*, vol 25: 177-194, 2012.
11. "Cost-Benefit Analysis and Non-Utilitarian Ethics" (with R Lowry) *Politics, Philosophy and Economics*, vol 11: 258-279, 2012.
12. "Virtuous Choice and Parity" (with B Froding) *Ethical Theory and Moral Practice*, vol 15: 71-82, 2012.
13. "Pure Time Preference" (with R Lowry) *Pacific Philosophical Quarterly*, vol 92: 490-508, 2011.
14. "Can Consequentialists Honour the Special Moral Status of Persons?" *Utilitas*, vol 22: 434-446, 2010.
15. "Some Versions of the Number Problem Have No Solution" *Ethical Theory and Moral Practice*, vol 13: 439-451, 2010.
16. "A Royal Road to Consequentialism?" *Ethical Theory and Moral Practice*, vol 13: 153-169, 2010.

### **Decision Theory**

1. "Interval Values and Rational Choice" *Economics and Philosophy*, vol 35(1): 159-166, 2019.
2. "Do Pragmatic Arguments Show Too Much?" *European Journal for Philosophy of Science*, 6(2): 165-172, 2016.

3. "Prospectism and the Weak Money Pump Argument" *Theory and Decision*, 78(3), 451-456, 2015.
4. "A Generalization of the Pasadena Puzzle" *Dialectica*, vol 67: 597-603, 2013.
5. "A New Twist to the St. Petersburg Paradox" *Journal of Philosophy*, vol 108: 697-699, 2011.

#### **Other Topics**

1. "The Modal Account of Luck Revisited" (with J. A. Carter) *Synthese*, vol 194(6): 2175-2184, 2017.
2. "Not Knowing a Cat is a Cat: Analyticity and Knowledge Ascriptions" (with J. Adam Carter and Bart van Bezooijen) *Review of Philosophy and Psychology* 7(4): 817-835, 2016.
3. "The Reliability of Armchair Intuitions" (with B van Bezooijen and K Vaesen) *Metaphilosophy*, vol 44: 559-578, 2013.
4. "Pandemic Influenza and Utilitarianism" *Bioethics* vol 25: 290-291, 2011.
5. "The Moral Importance of Selecting People Randomly" *Bioethics*, vol 22: 321-327, 2008.
6. "Animals and Friendship: A Reply to Rowlands" (with B Froding) *Journal of Animal Ethics* vol 1: 187-189, 2011.
7. "Animal Ethics Based on Friendship" (with B Froding) *Journal of Animal Ethics*, vol: 1: 58-69, 2011.

#### **PUBLICATIONS IN OTHER LANGUAGES**

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41 publications in Swedish, 2 in Dutch, mostly Op-Eds and short journal articles.

#### **CONFERENCE ON MY WORK**

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In November 2013 the Philosophy Department at the University of Konstanz hosted a two-day conference on my book *The Dimensions of Consequentialism*, with comments by ten invited speakers. Six of the papers, and my reply, later appeared (in 2016) in a special issue of *Ethical Theory and Moral Practice*.

#### **TALKS**

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61 talks (49 invited)

#### **EXTERNAL GRANTS**

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1. "The Ethics of Diversity: Fortifying Ethical Infrastructure to Prevent and Address Sexual Harassment Practice Settings", National Science Foundation (NSF), 2018-2023, (co-PI) total amount: \$371,000.
2. *Incomparable Risks*, funded by the Swedish Rescue Services Agency 2005-2007, ca €340k.
3. *Ethical Aspects on Environmental Risks*, funded by the Swedish Environmental Protection Agency, 2004-  
*The Lottery Approach to Distributive Ethics*, funded by the Swedish Research Council 2005-2007, ca €150
4. *Prioritizing in Emergency Planning*, funded by the Swedish Emergency Management Agency 2006-2008, funding for myself, ca €120k.
5. *Ethical Aspects of Hunting*, funded by the Swedish Environmental Protection Agency, 2008, post-doc funding for Dr Per Sandin, ca €40k.
6. *Partial Norms*, funded by the Swedish Research Council 2009-2011, post-docs for Dr Nicolas Espinoza and Dr Anna Bergqvist, 10% for me, ca €230k.

#### **SERVICE AND OTHER PROFESSIONAL ACTIVITIES**

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1. Editor, *Elements in Decision Theory and Philosophy*, published by Cambridge University Press, 2019 –
2. Program chair of the SPT 2019 conference (>300 speakers)
3. Organizer of the annual Bovay workshop on applied ethics 2015 –
4. Associate Head, Department of Philosophy, Texas A&M University, 2018 – 2019, 2023 –
5. Director of Graduate Studies, Department of Philosophy, Texas A&M University, 2020 – 2023.
6. Associate Director of Graduate Studies, Department of Philosophy, Texas A&M University, 2019–2020.
7. Chair, Colloquium and Public Events Committee, Department of Philosophy, Texas A&M University, 2018–2019.
8. Chair, Faculty Annual Evaluation Advisory Committee, Department of Philosophy, Texas A&M University, 2017–2018.
9. Chair, Tenure on Arrival Committee, Department of Philosophy, Texas A&M University, 2017.
10. Tenure and Promotion Consultation, Loyola University New Orleans, 2016.
11. Tenure and Promotion Consultation, Delft University of Technology, 2016.
12. Chair, Head Search Committee, Department of Philosophy, Texas A&M University, Fall 2015.
13. Chair, Rules Committee, Department of Philosophy, Texas A&M University, 2014 – 2017.
14. Member of the Climate and Inclusion Committee, College of Liberal Arts, Texas A&M University, 2015 – 2017.
15. Director of Studies, St Edmund’s College, Cambridge University, 2006-2008.
16. Member of the board of the Dutch Research School of Philosophy’s section for “Ethics and Practical Philosophy”, 2013-2014.
17. Member of the Management Team of the 3TU Centre for Ethics and Technology 2009 – 2014.
18. Project manager for the Agora project for teaching ethics to engineering students, 2009 – 2014. See: <http://www.ethiekentechniek.nl/>

## UNDERGRADUATE TEACHING

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1. I have authored two textbooks frequently assigned at universities around the world (see #2 and #5 under “Books”).
2. >15,000 undergraduates have taken 482 *Ethics and Engineering* since I took up my position at Texas A&M. I have taught approximately 1/3 of them myself and developed many (but not all) parts of the curriculum. The course evaluations are generally positive.
3. I have also taught large sections (>250 students) of 111 *Contemporary Moral Issues* and 251 *Introduction to Philosophy*, as well as several graduate seminars. The course evaluations are generally positive.

## PHD STUDENTS

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Mitchell Roberts (in progress) Steve Dezort (chair), Texas A&M University, 2021, Dong An (co-chair), Texas A&M University, 2021, John Curran O’Day (chair), Texas A&M University, 2020, Mostafa Mohajeri (chair), IPM Teheran, 2016, Nicolas Espinoza (chair), Lulea University of Technology, 2008, Johan E. Gustafsson (co-chair), KTH Royal Institute of Technology, 2011, Niklas Möller (co-chair), KTH Royal Institute of Technology 2009, Kalle Grill, (co-chair), KTH Royal Institute of Technology 2009, Per Wikman-Swahn (co-chair), KTH Royal Institute of Technology 2009, Barbro Fröding (co-chair), KTH Royal Institute of Technology 2008, Jessica Nihlen-Fahlqvist (co-chair), KTH Royal Institute of Technology 2008, Madeleine Hayenhjelm (co-chair), KTH Royal Institute of Technology 2007, Eva Hedfors (co-chair),

