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E-MAIL: MARTINPETERSON@TAMU.EDU

MARTIN PETERSON

AREAS OF SPECIALIZATION

Engineering Ethics, Decision Theory, Normative Ethics

AREAS OF COMPETENCE

Metaethics, Epistemology

EDUCATION

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

M.A., Philosophy, Stockholm University, 1997

FACULTY POSITIONS

Texas A&M University
Professor of Philosophy and holder of the Sue and Harry Bovay Chair of
History and Ethics of Professional Engineering, 2014 –

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

Eindhoven University of Technology (NL)
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

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

The Dimensions of Consequentialism, Cambridge University Press 2013.

An Introduction to Decision Theory, Cambridge University Press 2009.

Non-Bayesian Decision Theory, Springer 2008.

EDITED BOOK

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

- Introduction, pp. 1 - 15.
- The inner struggle: Why you should cooperate with people you will never meet again, pp. 199-218.

PEER-REVIEWED ARTICLES

- Decision Theory

Do Pragmatic Arguments Show Too Much?, forthcoming in *European Journal for Philosophy of Science*.

Prospectism and the Weak Money Pump Argument, *Theory and Decision*, 78(3), 451-456.

A Generalization of the Pasadena Puzzle, *Dialectica*, vol 67: 597-603, 2013.

A New Twist to the St. Petersburg Paradox, *Journal of Philosophy*, vol 108: 697-699, 2011.

Indeterminate Preferences, *Philosophical Studies*, vol 130: 297-320, 2006.

Order-Independent Transformative Decision Rules, (with S O Hansson) *Synthese*, vol 147: 323-342, 2005.

From Outcomes to Acts: A Non-Standard Axiomatization of the Expected Utility Principle, *Journal of Philosophical Logic*, vol 33: 361-378, 2004.

Transformative Decision Rules, Permutability, and Non-Sequential Framing of Decision Problems, *Synthese*, vol 139: 387-403, 2004.

Transformative Decision Rules, *Erkenntnis*, vol 58: 71-85, 2003.

An Argument for the Principle of Maximizing Expected Utility, *Theoria*, vol 68: 112-128, 2002.

- **Moral Philosophy**

Pure Time Preference: Reply to Johansson and Rosenqvist (with R Lowry), *Pacific Philosophical Quarterly*, in press.

Reply to Ralf Bader, *Dialectica*, vol 68(4): 625-29, 2014..

The Last Man Argument Revisited, (with Per Sandin) *The Journal of Value Inquiry*, vol 47: 121-133, 2013.

Multi-Dimensional Consequentialism, *Ratio*, vol 25: 177-194, 2012.

A Computer Simulation of the Argument from Disagreement, (with J E Gustafsson) *Synthese*, vol 184: 387-405, 2012.

Cost-Benefit Analysis and Non-Utilitarian Ethics, (with R Lowry) *Politics, Philosophy and Economics*, vol 11: 258-279, 2012.

Virtuous Choice and Parity, (with B Froding) *Ethical Theory and Moral Practice*, vol 15: 71-82, 2012.

Pure Time Preference, (with R Lowry) *Pacific Philosophical Quarterly*, vol 92: 490-508, 2011.

Can Consequentialists Honour the Special Moral Status of Persons? *Utilitas*, vol 22: 434-446, 2010.

Some Versions of the Number Problem Have No Solution, *Ethical Theory and Moral Practice*, vol 13: 439-451, 2010.

A Royal Road to Consequentialism? *Ethical Theory and Moral Practice*, vol 13: 153-169, 2010.

The Mixed Solution to the Number Problem. *Journal of Moral Philosophy*, vol 6: 166-177, 2009.

Parity, Clumpiness, and Rational Choice, *Utilitas*, vol 19: 505-513, 2007.

Equality AND priority, (with S O Hansson) *Utilitas*, vol 17: 299-309, 2005.

Foreign Aid and the Moral Value of Freedom, *Ethical Theory and Moral Practice*, vol 7: 293-307, 2004.

From Consequentialism to Utilitarianism, *Journal of Philosophy*, vol 100: 403-415, 2003.

- **The Ethics of Technology**

On the Epistemology of the Precautionary Principle: Reply to Steglich-Petersen (with J. Adam Carter). Forthcoming in *Erkenntnis*.

On the Epistemology of the Precautionary Principles, (with J Adam Carter) *Erkenntnis*, 80 (1):1-13, 2015.

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*, vol 20:

583-595, 2014.

New Technologies Should Not Be Treated As Social Experiments, *Ethics, Policy and Environment*, 16: 346-348, 2013.

The Role of Non-Epistemic Values in Engineering Models (with S Diekmann), *Science and Engineering Ethics*, vol 19: 207-218, 2013.

Risk and Mid-Level Moral Principles (with N Espinoza) *Bioethics*, vol 26: 8-14, 2012.

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.

Why Virtual Friendship Is No Genuine Friendship (with B Froding) *Ethics and Information Technology*, vol 14: 201-207, 2012.

Can Technological Artefacts Be Moral Agents? (with A Spahn) *Science and Engineering Ethics*, vol 17: 411-424, 2011.

Is there an Ethics of Algorithms? (with F Kraemer and K Overveld) *Ethics and Information Technology*, vol 13: 251-260, 2011.

Should the Precautionary Principle Guide Our Actions or Our Beliefs? *Journal of Medical Ethics*, vol 33: 5-10, 2007.

The Precautionary Principle Should Not Be Used as a Basis for Decision-Making, *EMBO reports*, vol 8: 305-8, 2007.

The Precautionary Principle is Incoherent, *Risk Analysis*, vol 26: 595-601, 2006.

Safety is More than the Antonym of Risk (with N Moller and S O Hansson) *Journal of Applied Philosophy*, vol 23: 419-423, 2006.

Principles of Protection: A Formal Approach for Evaluating Dose Distributions (with P Vikman-Svahn, and S O Hansson) *Journal of Radiological Protection*, vol 26: 69-84, 2006.

Neglected and Overemphasized Risks: the opinions of risk professionals (with L Sjoberg, J Fromm, A Boholm, and S O Hansson) *Journal of Risk Research*, vol 8: 599-616, 2005.

On the Application of Rights-Based Moral Theories to Siting-Controversies (with S O Hansson) *Journal of Risk Research*, vol 7: 269-275, 2004.

Risk, Equality, and the Priority View, *Risk, Decision, and Policy*, vol 8: 17-23, 2003.

The Limits of Catastrophe Aversion, *Risk Analysis*, vol 22: 527-538, 2002.

Five Charges Against the Precautionary Principle (with P Sandin, S O Hansson, C Ruden, A Juthe) *Journal of Risk Research*, vol 5: 287-299, 2002.

What is a De Minimis Risk? *Risk Management*, vol 4: 47-55, 2002.

Rights, Risks, and Residual Obligations, (with S O Hansson) *Risk, Decision and*

Policy, vol 6: 157-166, 2001.

New Technologies and the Ethics of Extreme Risks, *Ends and Means*, vol 5: 22-30, 2001.

- **Other Topics**

Not Knowing a Cat is a Cat: Analyticity and Knowledge Ascriptions, (with J. Adam Carter and Bart van Bezooijen) forthcoming in *The Review of Philosophy and Psychology*.

The Reliability of Armchair Intuitions, (with B van Bezooijen and K Vaesen) *Metaphilosophy*, vol 44: 559-578, 2013.

Pandemic Influenza and Utilitarianism, *Bioethics* vol 25: 290-291, 2011.

The Moral Importance of Selecting People Randomly, *Bioethics*, vol 22: 321-327, 2008.

Animals and Friendship: A Reply to Rowlands, (with B Froding) *Journal of Animal Ethics* vol 1: 187-189, 2011.

Animal Ethics Based on Friendship, (with B Froding) *Journal of Animal Ethics*, vol: 1: 58-69, 2011.

CONTRIBUTIONS TO EDITED VOLUMES AND BOOK REVIEWS

Klassiek utilitarisme en consequentalisme, in *Basisboek Ethiek* (ed. Van Hees et al), Boom 2014, pp 79-95.

Review of Avram Hiller, Ramona Ilea, and Leonard Kahn (eds.): *Consequentialism and Environmental Ethics*, *Notre Dame Philosophical Reviews*, April 2014.

Consequentialism, in *The Encyclopedia of Political Thought*, ed. M. Gibson, SAGE, in press.

Introduction: Values and Norms in Modeling, guest editor (with Sjoerd Zwart), Special Section of *Studies in History and Philosophy of Science*, in press.

Decision Theory, in *Encyclopedia of Philosophy and the Social Sciences*, ed. B Kaldis, SAGE 2013.

Risk and Degrees of Rightness, (with N. Espinoza) in *Norms in Technology*, eds. M.J. de Vries, S.O. Hansson and A.W.M. Meijers, pp 193-206, Springer 2013,

Three Objections to Verbeek, *Philosophy and Technology*, 25 (4): 605-631, 2012.

Do new technologies give rise to new ethical issues? Some reflections on nanotechnology (with M J de Vries), *Nanotechnologies: towards a shift in the scale of ethics?* (eds. Kermisch and Pinsart), pp 87-100, Brussels: E.M.E. & InterCommunications 2012.

Review of Paul Weirich: *Collective Rationality*, *Notre Dame Philosophical Reviews*,

July 2010.

Review of Itzhak Gilboa: Theory of Decision under Uncertainty, *Economics and Philosophy*, 26: 254-258, 2010.

Decision Theory, *International Encyclopedia of Statistical Sciences* (ed Lovric), pp. 346-349, Springer 2010.

Philosophy of Probability, *International Encyclopedia of Statistical Sciences* (ed. Lovric), pp. 1065-1069, Springer 2010.

Do WHO Guidelines on Pandemic Influenza Follow Biomedical Ethics? *Science*, e-letter, 25 June 2009.

Guest Editors' Introduction (with P Sandin), *Journal of Risk Research*, vol 13: 135-36, 2010.

Incomplete Preferences in Disaster Risk Management (with N Espinoza), *Int. J. Technology, Policy and Management*, 8: 341-358, 2008.

Review of Folke Tersman: Moral Disagreement, *Theoria* 74: 340-344, 2008.

On multi-attribute risk analysis, in T. Lewens (ed.), *Risk: A Philosophical View*, Routledge, pp. 68-83, 2007.

Review of Jonathan Dancy: Ethics Without Principles, *Theoria* 72(2): 162-165, 2006.

Transformative Decision Rules: Foundations and Applications (PhD thesis.), Royal Institute of Technology 2003, ISBN 91-7283-460-9.

Transformative Decision Rules and Axiomatic Arguments for the Principle of Maximizing Expected Utility (Licentiate thesis), Royal Institute of Technology 2001, ISBN 91-7283-199-5.

Review of Brian Orend: War and international justice - a Kantian perspective, *Theoria*, August 2001.

ARTICLES IN SWEDISH AND DUTCH NEWSPAPERS

Replik: Politiker bor fa torgfora stolliga forslag DN Debatt (endast online) 2015-06-01.

Svenska Kyrkan ett IKEA for sjalen, *NSD Kultur* 2013-12-03.

Sen och varfor vi behover konsthallen, *NSD Kultur* 2013-09-10.

Zo'n quotum werkt in het nadel van vrouwen (brief letter to the "opinie pagina") *NRC Handelsblad*, 15 November 2012.

Massvaccinationen fornuftig men inte ratt, *Lakartidningen* vol 109, 11:570, 2012.

Facebooks torftiga vanskap, *NSD kultur* 2012-01-03.

Dags for samhallet att nyansera synen pa aborter, *DN Debatt* 2011-04-17 (med N

Espinoza).

Vi vill inte begränsa kvinnors rätt till abort, *DN Debatt* 2011-04-19 (replik, med N Espinoza).

Antipartier är inte odemokratiska, *Tidskrift för politisk filosofi*, nr 3: 6-17, 2010.

Gör som i Belgien - satt SD i karantan, *DN Debatt* (replik) 2010-09-15.

Låt ett anti-parti göra SD maktlösa, *Expressen* 2010-09-10.

JK blandar ihop begreppen, *Sydsvenskan* 2010-04-23.

Kvitta ut Sverigedemokrater, *Norrbottenskuriren* 2010-02-20.

Stödet för SD skulle inte öka, *Östgöta Correspondenten* 2010-01-07.

BLT sågar mitt förslag, *Blekinge Läns Tidning* 2010-01-06.

Förslaget är inte odemokratiskt, *Västerviks-tidningen* 2010-01-04.

Anti-parti kan stoppa SD, *Svenska Dagbladet* 2009-12-29.

Politikerna borde skämmas för sitt egoistiska beteende, *Svenska Dagbladet* 2009-11-07.

Platon på modern svenska, *Norrländska Socialdemokraten*, 2009-10-29.

Socialstyrelsen bryter mot grundläggande etik, *DN Debatt*, 2009-07-18.

Förflutna förmagor och moderna testmetoder, *Folkvett* 2009/4.

Värdenihlismens död i Gaza, *Norrländska Socialdemokraten*, 2009-01-08.

Ojämförbara risker?, in Sahlin & Persson (ed.): Risk & Risici, 269-285, Nya Doxa, 2008. (with N Espinoza)

Orimligt ge samhällstoppen företräde till pandemivaccin, *DN Debatt*, 2006-03-04.
Riskvärdering av förorenad mark - etiska och ekonomiska perspektiv, *Naturvårdsverkets rapport 5539*, 71pp, 2006. (med K K Jensen)

Att representera beslutsproblem, *Filosofins nya möten*, red. Nihlen-Fahlqvist m.fl., 153-62, Gidlunds, 2005.

Pseudovetenskap vid LTU? *Norrländska Socialdemokraten* 2006-09-20.

Den nya vetenskapen i Luleå, *Folkvett* 2006/4. (Long version of NSD 2006-09-20).

DNA-information tillhör individen - inte samhället, *DN Debatt*, 2003-09-23.

Recension av två studier i beslutsteori av Per-Erik Malmnäs, *Tidskrift för Politisk Filosofi*, 58-60, 2003.

Utilitarism och beslutsteori, *Filosofisk Tidskrift* 22(4), 3-10, 2002.

Extrema Risker, *Osäkerhetens Horisonter*, red. Boholm m.fl., 69-84, Nya Doxa, 2002.

Samhällsbeslut och små risker , *Tidskrift för Politisk Filosofi*, 43-55, 2000.

CONFERENCE ON MY WORK

The Dimensions of Consequentialism, Konstanz 16-17 November 2013, with comments by ten invited speakers on my book on multi-dimensional consequentialism.

INVITED TALKS

“Rational Routines”, Imperial College, London, September 20, 2014.

“Rational Routines”, Munich Center for Mathematical Philosophy, 18 June 2014.

“How To Money Pump Nearly All Decision Theorists“, workshop on pragmatic arguments, FMSH Paris, 27 May 2014.

“Nuclear Power and Degrees of Moral Rightness“, Royal Dutch Institute of Engineering, 24 March 2014.

“Multi-Dimensional Consequentialism and the Pareto Principle“, University of Erlangen, 24 September 2013.

”The Multi-Dimensional Analysis of Lifeboat Cases“, Centre for Advanced Study in Bioethics, University of Muenster, 6 September 2013.

“The Right or the Good?“, Oxford-Copenhagen Workshop, The Uehiro Centre, Oxford, 29 June 2013.

“The Dimensions of Consequentialism“, The FMSH Paris Seminars on Economics and Philosophy, 16 May, 2012.

“Non_Probabilistic Pasadena Puzzles“, Rationality and Decision Conference, Groningen 29-31 August 2012.

“The Precautionary Principle and the Dimensions of Consequentialism“, Barchem, the Netherlands 19-23 August 2012.

“The Dimensions of Consequentialism“, ESF conference at Schloss Seggau, 12-14 September 2012.

“Is there an ethics of algorithms?“, PERSCIENT workshop Rome, 20-21 September 2012.

“Knowledge according to 654 philosophers“, University of Buffalo, 26 January 2011.

“Knowledge according to 654 philosophers“, CUNY New York, 28 January 2011.

“Multi-dimensional consequentialism“, McGill University 4 February 2011.

“Multi-dimensional consequentialism“, Stockholm University 3 March 2011.

“Ethical reflections on risk”, UNESCO Paris, 4 July 2011.

“Nuclear power and degrees of rightness”, Wittenberg 11 July 2011.

“Knowledge according to 817 philosophers”, Dept. of Philosophy, Aachen, 2 November 2011.

“Degrees of Moral Rightness”, conference on degrees of moral rightness at Stockholm University, 9 November 2011.

“Does Moral Rightness Come in Degrees?”, Oxford University: The Uehiro Centre for Practical Ethics, 26 May 2010.

“Cost-benefit and non-utilitarian ethics”, Oxford University: The Uehiro Centre for Practical Ethics, 21 June 2010.

“Ethical aspects on nuclear power”, SKB conference in Stockholm, 9 December 2009.

“Rational Choice and Moral Dilemmas, semi-academic talk for a mixed audience, Korpilombolo, Sweden, 3 December 2009.

“Site Closure management and future responsibility’, Invited talk at NICOLE workshop, Douai, France, 20 November 2009.

“Neither Right Nor Wrong”, OZSE working group on metaethics, Utrecht University, 19 November 2009.

“Dilemmas and rationality: What should we do?” Invited talk at conference on decision making at the Pufendorf Institute, Lund University, 7 October 2009.

“A computer simulation of the argument from disagreement”, TU Delft, 12 June 2009.

“A computer simulation of the argument from disagreement”, 3TU Centre of Ethics and Technology, in Utrecht, 9 April 2009.

“Neither Right Nor Wrong”, Dpt of Philosophy, Uppsala University, 13 February 2009.

“A computer simulation of the argument from disagreement”, Dpt of Philosophy, Stockholm University, 5 February 2009.

“Some news about the number problem”, Oxford, FHI/Bioethics seminar, April 22, 2008.

“Are persons mere containers for wellbeing?” Cambridge Moral Sciences Club, May 6, 2008.

“Trolley, Numbers, and Deontic Indeterminacy”, One-day Kamm workshop, Oxford, November 29, 2008.

“Principlism and medical ethics”, Medical Ethics seminar, University of Lund

2007.

”The moral importance of selecting people randomly”, Copenhagen workshop on philosophy of risk, Copenhagen 2007.

”Are Persons Mere Containers for Wellbeing?”, Oxford Moral Philosophy Seminar, 20 November 2006.

RESEARCH GRANTS

Incomparable Risks, funded by the Swedish Rescue Services Agency 2005-2007, PhD funding for Nicolas Espinoza + post-doc funding for Dr Karsten Klint-Jense

Ethical Aspects on Environmental Risks, funded by the Swedish Environmental Protection Agency, 2004-2005, post-doc funding for Dr Karsten Klint-Jensen, ca €55k.

The Lottery Approach to Distributive Ethics, funded by the Swedish Research Council 2005-2007, post-doc funding for Dr Karsten Klint-Jensen, ca €150k.

Prioritizing in Emergency Planning, funded by the Swedish Emergency Management Agency 2006-2008, funding for myself, ca €120k.

Ethical Aspects of Hunting, funded by the Swedish Environmental Protection Agency, 2008, post-doc funding for Dr Per Sandin, ca €40k.

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.

PHD STUDENTS

The following graduate students have completed their doctoral dissertations with me as chair or co-chair:

Nicolas Espinoza (chair), Per Wikman-Swahn (co-chair), Johan E. Gustafsson (co-chair), Niklas Möller (co-chair), Kalle Grill (co-chair), Barbro Fröding (co-chair), Jessica Nihlen-Fahlqvist (co-chair), Madeleine Hayenhjelm (co-chair), Eva Hedfors (co-chair).

SERVICE AND OTHER PROFESSIONAL ACTIVITIES

Chairman of the Rules Committee, Department of Philosophy, Texas A&M University.

Director of Studies, St Edmund’s College, Cambridge 2006-2008.

Director of Undergraduate Studies, KTH Royal Institute of Technology 2008-2009.

Director of Undergraduate Studies, Section for Philosophy, Eindhoven University of Technology 2009-2013.

Member of the board of the Dutch Research School of Philosophy’s section

for “Ethics and Practical Philosophy”, 2013-2014.

Member of the Management Team of the 3TU Centre for Ethics and Technology 2009 – 2014.

Project manager for the Agora project for teaching ethics to engineering students. See: <http://www.ethiekentechniek.nl/>

Chairman or member of several Ethical Advisory Boards (for EU research projects, etc).

Organizer of about ten conferences, including the 4th Annual Conference on Practical Philosophy 2012 , the VaNiM 25-26 June 2012, the European Workshop on Experimental Philosophy 7 October 2011, and the ECIS workshop on Cost-Benefit Analysis in 2010.

TEACHING

<i>Course</i>	<i>#Instructors</i>	<i>University</i>	<i>Iterations</i>
Ethics and Engineering	3-6 (18TAs)	Texas A&M	2
Introduction to Ethics	1	Eindhoven	5
The Ethics and History of Technology (USE)	>15	Eindhoven	2
Decision Theory	2	Eindhoven	1
Ethics and Law	2	Eindhoven	4
Ethics for ID students	1	Eindhoven	3
Bioethics (Part II, Paper 5)	1	Cambridge	1
Induction and Inference (Part II, Paper 5)	4	Cambridge	1
Research Ethics	1	Luleå	1
Philosophy of Science	1	Luleå	1
Logic	1	Luleå	2
Computer Ethics	1	KTH	1
The Ethics of Biotechnology	1	KTH	2
Ehtics for Engineers	1	KTH	1
Critical Thinking		Stockholm	5
Applied Ethics	1	Stockholm	5
Media Ethics	1	KTH	1
Advanced Problem Solving	1	KTH	1

Philosophy of Science	4	Södertörn	4
Philosophy A1	1	Luleå	1