

Curriculum Vitae of Fabien Medvecky

1. Personal Information

Fabien Medvecky
21 Kenmure Rd, Belleknowes, 9011 NZ
fabien.medvecky@otago.ac.nz

2. Qualifications

PhD (Philosophy)	University of Sydney	11/2012
PGDip Econ	Murdoch University	1/2013
B.A. (Hon) 1st class (Philosophy)	University of Queensland	2/2006

3. Professional Affiliations/Memberships

2014-present Science Communication Association of New Zealand (SCANZ)

2014-present European Association for the Study of Science and Technology

2014-present Public Communication of Science and technology Network

2003-present Golden Key Honour Society

4. Employment History

2014-present Senior Lecturer in Science Communication

Centre for Science Communication
University of Otago

2012–2014 Research fellow (Part time)

Science communication Program
University of Queensland

2012–2014 Lecturer (Casual)

Science communication Program
University of Queensland

2012 Tutor (Casual)

School of Economics and Finance
Queensland University of Technology

2007-2012 PhD Candidate

Sydney Centre for the Foundations of Science
University of Sydney

5. Postgraduate supervision

Current:

2015-ongoing	Manon Knapen, (PhD) University of Otago–Primary Supervisor (70%) Co-supervisors: Jesse Bering
2016-ongoing	Chloe Wall, (PhD) University of Otago – Supervisor (33%) Co-supervisors: Kourken Michaelian
2017-ongoing	Samantha Clarke, (PhD) University of Otago – Primary Supervisor (80%) Co-supervisors: Lloyd Davis
2016-ongoing	Sasha Arum, (PhD) University of Otago – Primary Supervisor (80%) Co-supervisors: Hugh Slotten
2016-ongoing	Asim Sharif, (PhD) University of Otago – Primary Supervisor (80%) Co-supervisors: Lloyd Davis
2017-Ongoing	Madeleine Brennan, (MSc) University of Otago – Primary Supervisor (100%)
2017-Ongoing	Lana Young, (MSc) University of Otago – Primary Supervisor (100%)
2017-Ongoing	Aaron Heimann, (MSc) University of Otago – Primary Supervisor (100%)
2016-Ongoing	Harriet Ampt, (MSc) University of Otago – Primary Supervisor (100%)
2015-Ongoing	Siana Fitzjohn, (MSc) University of Otago – Primary Supervisor (100%)

Completed:

2014-2018	Ruth O’Connor, (PhD) University of Queensland – Supervisor (20%) Co-supervisors: Joan Leach (UQ), Lilly Lim-Camacho (CSIRO)
2014-2017	Erika Szymanski, (PhD) University of Otago – Supervisor (25%) Co-supervisors: Lloyd Davis, Katharine Legun

2010-2014	Nikola Stepanov, (PhD) University of Melbourne – External Advisor Supervisors: Andrew Crowden (Uni Melb), Lynn Gillam (Uni Melb), Cameron Stewart (Uni Syd), Malcolm Smith (QUT)
2013-2014	Lindsey Horne, (MSc) University of Otago – Primary Supervisor (100%)
2015-2017	Sam Fraser-Baxter, (MSc) University of Otago – Co-Supervisor (50%)
2014-2018	Chris Vennell, (MSc) University of Otago – Primary Supervisor (100%)
2016-2018	Garrett Chin, (MSc) University of Otago – Primary Supervisor (100%)
2016-2018	Lucy Dickie, (MSc) University of Otago – Co-Supervisor (50%)

6. Teaching Activities

(a) Teaching

Masters level courses	SCOM 5A <i>Thesis Preparation</i> (UoO) -Coordinator SCOM 409 <i>Intro to Science Communication</i> (UoO) - Lecturer SCOM 495 <i>Thesis Preparation</i> (UoO) -Coordinator WRIT 7210 <i>Presenting Science</i> (UQ) –Coordinator/ Lecturer WRIT 7220 <i>Communicating Controversial Science</i> (UQ) –Coordinator/ Lecturer WRIT 7200 <i>Introduction to Science Communication</i> (UQ) –Coordinator/ Lecturer
Advanced undergraduate courses	SCOM 301 <i>Science and the public</i> (UoO) –Coordinator/Lecturer SCOM 209 <i>Science Communication: an introduction</i> (UoO) –Coordinator/Lecturer MFCO 222 <i>Science Technology and Society</i> (UoO) –Coordinator/Lecturer PHIL 2150 <i>Philosophy of Life Sciences</i> (UQ) –Coordinator/ Lecturer COMU3006 <i>Communication in Context</i> (UQ) -Lecturer HLTH 3000 <i>Legal & Ethical Principles in Health</i> (UQ)- Lecturer
Intro undergraduate courses	PHIL 1020 <i>Introduction to Logic</i> (UQ) -Lecturer

BSB113 *Economics*
(QUT) -Tutor
SCIE 1000 *Theory & Practice in Science*
(UQ) -Tutor

(b) **Course design and development**

SCOM 301 *Science and the public*
(UoO) -Designed and developed
SCOM 209 *Science Communication: an introduction*
(UoO) -Designed and developed
SCOM 495 *Thesis Preparation*
(UoO) -Designed
WRIT 7210 *Presenting Science*
(UQ) -Designed
WRIT 7220 *Communicating Controversial Science* (UQ)
–Designed
WRIT 7200 *Introduction to Science Communication*
(UQ) –Designed
PHIL 2150 *Philosophy of Life Sciences*
(UQ) –Designed and developed

(c) **Professional development**

Sessional Teaching Training Course	Queensland University of Technology 3/2012
HEDC New Staff conference	University of Otago 10/2014
Managing energy... before time and priorities	University of Otago 11/2017

7. Publications

(a) **Book Chapters**

Medvecky, F. (with editor). “Imagining Future Generation in Public Policy” in Steve Fuller & Rupert Read (ed). *The Future of Future Generations*, Rowman & Littlefield, Lanham, MD

Medvecky, F. (2016). “The Cost of Being Known: Economics, Science Communication and Epistemic Justice” in James H. Collier (ed). *The Future of Social Epistemology: A Collective Vision*, Rowman & Littlefield, Lanham, MD

Medvecky, F. (2014). “Sinking our teeth into public policy economics: A taste of immortality” in Whitman, G. and Dow, J. (eds). *Economics of the Undead: Zombies, Vampires, and the Dismal Science*, Rowman & Littlefield, Lanham, MD

(b) **Refereed Journal Articles**

Fraser-Baxter, S. & Medvecky, F. (2018) Evaluating the media's reporting of public and political responses to human-shark interactions in N.S.W, Australia, *Marine Policy* 97, 109-118

Sharif, A. & Medvecky, F. (2018) Climate change news reporting in Pakistan: A qualitative analysis of environmental journalists and the barriers they face. *Journal of Science Communication*, 17 (01), A03

Medvecky, F. (2018). Fairness in knowing: Science communication and epistemic justice. *Science and Engineering Ethics*, 1-16

Burns, M. and Medvecky, F. (2018) The disengaged in science communication: How not to count audiences and publics, *Public Understanding of Science*, 1-13

Medvecky, F. & Macknight, V. (2017). Building the economic-public relationship: learning from science communication and science studies. *Journal of Science Communication*, 16 (02), A01

de Saille, S. and Medvecky, F. (2016) Innovation for a Steady State: A case for Responsible Stagnation, *Economy and Society*, 45(1)1-23

Hine, A., & Medvecky, F. (2015). Unfinished science in museums: A push for critical science literacy. *Journal of Science Communication*, 14 (02), A04.

Medvecky, F. (2015) Transgressions and the Scientific Knower. *Social Epistemology Review and Reply Collective*, 4(2) 37-41.

Medvecky, F. (2014). “Valuing the environment in conservation economics: conceptual and structural barriers”, *Ethics & the Environment*, 19(2)

Medvecky, F., Lacey, J., & Ashworth, P. (2014). “Examining the Role of Carbon Capture and Storage Through an Ethical Lens”. *Science and Engineering Ethics*, 20(4), 1111-1128

Medvecky, F & Leach, J. (2013) “The Ethics of Distributing Scientific Knowledge: Epistemic and Ethical Injustices in Context”, in Goodwin, J., Dahlstrom, M. and Priest, S. (eds) *Ethical Issues in Science Communication: A Theory-Based Approach*, Science Communication Project, Ames, IA

Medvecky, F. (2013) “Economics, Science and the Spandrels of San Marco”, *Social Epistemology Review and Reply Collective*, 3(1), 20-22

Medvecky, F. (2012). “Valuing environmental costs and benefits in an uncertain future: risk aversion and discounting”. *Erasmus Journal for Philosophy and Economics*, 5(1), 1-23.

Parris, K. M., McCall, S. C., McCarthy, M. A., Minter, B. A., Steele, K., Bekessy, S., & Medvecky, F. (2010). "Assessing ethical trade-offs in ecological field studies". *Journal of Applied Ecology*, 47(1), 227-234.

(c) **Non-refereed Journal Articles and Reports**

Medvecky, F & Leach, J (2017) Editorial: Is it time for an ethics of science communication, *Journal of Science Communication*, 16 (04), E.

Our Lakes: How the communities of Queenstown and Wanaka use and value their lakes (2017) Commissioned by Catchments Otago and the Otago Regional Council. Dunedin, New Zealand: Centre for Science Communication, University of Otago. 22p. co-authored with Vicki Macknight

Developing a national data base of completed research regarding public attitudes and behaviours towards science in Australia (2014)

For the Department of Innovation Industry Science and Research: Inspiring Australia, Developing an Evidence Base for Science Engagement Project, August 2014, co-authored with Susan Stocklmayer, Suzette Searle, Joan Leach, Maureen Burns, Padma Menon and Julia Martin

Developing an Evidence Base for Science Engagement: Building a research base on the role of the media in science engagement (2014)

For the Department of Innovation Industry Science and Research: Inspiring Australia, Developing an Evidence Base for Science Engagement Project, 2014, co-authored with Joan Lech and Dan Angus

Developing an Evidence Base for Science Engagement: Theory and Practice (2014)

For the Department of Innovation Industry Science and Research: Inspiring Australia, Developing an Evidence Base for Science Engagement Project, 2014, co-authored with Joan Lech, Nancy Longnecker and Jenni Metcalfe

Impacts of Stakeholder-Driven Strategic Communication on Public Discourse and Media Coverage of Coal Seam Gas (2013)

Scoping paper for the Centre for Coal Seam Gas, University of Queensland, co-authored with Elizabeth Mitchell and Dan Angus

(d) **Book Review Articles**

Medvecky, F. (2018). Book review: Susanna Priest, Jean Goodwin and Michael F Dahlstrom (eds) Ethics and Practice in Science Communication. *Public Understanding of Science*.

Medvecky, Fabien. (2015) "Knowing From Others: A Review of *Knowledge on Trust* and *A Critical Introduction to Testimony*." *Social Epistemology Review and Reply Collective* 4, no. 9: 11-12.

Medvecky, F. (2007). "To Infinity and Beyond: Review of M. Friend, *Introducing Philosophy of Mathematics*", *Metascience*, 17, No 2: 225–29

(e) **Peer-reviewed conference abstracts**

Putting Responsibility Centre-Stage: The Case Of Responsible Stagnation.
Society for Social Studies of Science conference
Sydney, August 2018

The ethics of risk communication (Keynote)
Society for Risk Analysis Benelux
Mol, BE, March 2018

The scientific basis of homeopathy, where is the (mis)communication?
Public Communication of Science and Technology conference
Dunedin, NZ, April 2018

Valuing good engagement process and individual outcomes in decision-maker engagement with science
Public Communication of Science and Technology conference
Dunedin, NZ, April 2018

Turning undergraduates into science storytellers. What are the best practices?
Public Communication of Science and Technology conference
Dunedin, NZ, April 2018

The role of professional science communication associations in supporting science communicators and legitimising science communication practices
Public Communication of Science and Technology conference
Dunedin, NZ, April 2018

Big challenges for small countries in science communication
Public Communication of Science and Technology conference
Dunedin, NZ, April 2018

Talking about values in science communication
Public Communication of Science and Technology conference
Dunedin, NZ, April 2018

The ethical norms of science communication
Science in Public Conference
Sheffield, July, 2017

The (economic) value of science.
Australasian Science Communicators Conference
Adelaide, Australia, February 2017

Perception of homeopathy by homeopathy users in New Zealand.
Science Communicators' Association of New Zealand Conference
Dunedin, November, 2016

The ethical norms of science communication.
Science Communicators' Association of New Zealand Conference
Dunedin, November, 2016

Innovation Beyond Growth: Opening the black box of 'Responsible Stagnation'
European Association for the Study of Science and Technology/ Society for Social Studies of
Science joined conference
Barcelona, Spain, September 2016

Science Communication and Epistemic Justice
Public Communication of Science and Technology Conference
Istanbul, Turkey, April 2016

Scientists Behaving Badly
Public Communication of Science and Technology Conference
Istanbul, Turkey, April 2016

Responsible Innovation (RI) and the Steady State: A Case for Responsible Stagnation?
Society for the Study of Nanoscience and Emerging Technologies
Montreal, Canada, October 2015

Economics' failure as a social science
Interdisciplinary Social Sciences International Conference: Interdisciplinary Approaches to
Contemporary Social Change.
Split, Croatia, June 2015

Reinterpreting disengagement
International Communication Association
Brisbane, Australia, October 2014

The disengaged, non-response and dialogue
European Association for the Study of Science and Technology
Torun, Poland, September 2014

*The Idiot, the Disengaged, the Counterpublic: Rethinking audiences for science
communication*
Australasian Science Communicators Conference
Brisbane, Australia, February 2014

Valuing the environment in conservation economics: life or lumber?
History and Philosophy of Science in Australia: Looking Forward Conference
University of Sydney, Australia, September 2012

(f) **Conference presentations**

The ethical norms of science communication
Science in Public Conference
Sheffield, July, 2017

The (economic) value of science.
Australasian Science Communicators Conference
Adelaide, Australia, February 2017

Perception of homeopathy by homeopathy users in New Zealand.
Science Communicators' Association of New Zealand Conference
Dunedin, November, 2016

The ethical norms of science communication.
Science Communicators' Association of New Zealand Conference
Dunedin, November, 2016

Innovation Beyond Growth: Opening the black box of 'Responsible Stagnation'
European Association for the Study of Science and Technology/ Society for Social Studies of
Science joined conference
Barcelona, Spain, September 2016

What do your readers need to know? A move to critical science literacy.
33rd Annual Australian Medical Writers Association Conference: Modern Health
Communications
Auckland, August, 2016

Science Communication and Epistemic Justice
Public Communication of Science and Technology Conference
Istanbul, Turkey, April 2016

Scientists Behaving Badly
Public Communication of Science and Technology Conference
Istanbul, Turkey, April 2016

Responsible Innovation (RI) and the Steady State: A Case for Responsible Stagnation?
Society for the Study of Nanoscience and Emerging Technologies
Montreal, Canada, October 2015

Perceptions of science and economics
Science Communicators' Association of New Zealand Conference
Wellington, November 2015

Economics' failure as a social science
Interdisciplinary Social Sciences International Conference: Interdisciplinary Approaches to
Contemporary Social Change.
Split, Croatia, June 2015

The Idiot, the Disengaged, and the Counterpublic for Science and Technology
International Communication Association
Brisbane, Australia, October 2014

The disengaged, non-response and dialogue
European Association for the Study of Science and Technology

Torun, Poland, September 2014

The Idiot, the Disengaged, the Counterpublic: Rethinking audiences for science communication

Australasian Science Communicators Conference
Brisbane, Australia, February 2014

Epistemic Justice and Knowledge Distribution: Lessons from science communication

Australasian Association of Philosophy Conference
University of Queensland, Australia, July 2013

The Ethics of Distributing Scientific Knowledge

Ethical Issues in Science Communication Symposium
Iowa State University, Ames, USA, May 2013

Science and the Public: a blind date gone wrong

Commonwealth Scientific and Industrial Research Organisation (CSIRO) Science into Society group
Queensland Centre for Advanced Technologies, Queensland, Australia, October 2012

Valuing the environment in conservation economics: life or lumber?

History and Philosophy of Science in Australia: Looking Forward Conference
University of Sydney, Australia, September 2012

Ethics and Carbon Capture and Storage: Future generations

International Energy Agency Greenhouse Gas Social Research Network ethics panel
Noosa, Australia, April 2012

Everything you always wanted to know about discounting, but were afraid to ask

Commonwealth Scientific and Industrial Research Organisation (CSIRO) Public Lecture
The Ecosciences Precinct, Queensland, Australia, September 2011

Interest and Opportunity: Disagreeing authorities in climate change economics

The Authority of Science Conference
University of Sydney, Australia, April 2011

Against the Discount Rate

The Ecology Centre
University of Queensland, Australia, October 2010

Ethics in Medical Research

Diamantina Institute
Princess Alexandra Hospital/ University of Queensland, Australia, July 2010

The Problem of Uncertainty: Discounting in climate change decisions

Australasian Association of Philosophy Conference
University of New South Wales, Australia, July 2010

The Discounting Rate in Climate Change: A Fertile Ground for Philosophical Inquiry

The Future of Philosophy of Science

Tilburg University, The Netherlands, April 2010

The Problem of Uncertainty: Discounting in climate change decisions

Discounting and Uncertainty workshop

Eindhoven University of Technology, The Netherlands, April 2010

Valuing the cost of climate change: The problem of uncertainty in discounting

Climate: Science + Humanities

Harvard University, United States, March 2010

Introducing ethics for medical research

Diamantina Institute,

Princess Alexandra Hospital/ University of Queensland, Australia, July 2009

Uncertainty, Economic Growth and Discounting in Environmental Decisions

Australasian Association of Philosophy Conference,

University of Melbourne, Australia, July 2009

Discounting, Growth, Uncertainty and Environmental Decisions

International Society for History, Philosophy, and Social Studies of Biology Conference,

University of Queensland, Australia, July 2009

The ethical responsibilities of scientists

Evidence, Science and Public Policy Conference,

University of Sydney, Australia, March 2009

8. Professional Activities

2015- 2018

President

Science Communication Association of New Zealand (SCANZ)

2014-ongoing **Advisory Board Member**

Rowman and Littlefield: "Collective Studies in Knowledge and Society" book series

2017-2018

Organising committee chair

The Public Communication of Science and Technology International conference 2018

2017

Organising committee member

The Science Communicator's Association of New Zealand Conference 2017

2016

Organising committee chair

The Science Communicator's Association of New Zealand Conference 2016

2015

Organising committee member

The Science Communicator's Association of New Zealand Conference 2015

- 2006-2014 **Ethicist**
Mater Hospital Human Research Ethics Committee, Brisbane, Australia
- 2011 **Organising committee member**
“The Authority of Science”, University of Sydney, Australia,

9. Media commentaries and public events

Opinion pieces

“The invisibles: Science, publics and surveys”, University of Nottingham Making Science Public, September 26, 2014
<http://blogs.nottingham.ac.uk/makingsciencepublic/2014/09/26/the-invisibles-science-publics-and-surveys/>

“Why do some people not care about science?”, The Conversation, February 3, 2014
<http://theconversation.com/why-do-some-people-not-care-about-science-22473>

“Putting a value on the future”, Radio National, Future Tense, March 17, 2013
<http://www.abc.net.au/radionational/programs/futuretense/putting-a-value-on-the-future/4566998>

“Economists: making climate change scientists look good”, ABC The Drum, July 27, 2011
<http://www.abc.net.au/unleashed/2812846.html>

“All quiet on the economic front”, ABC The Drum, April 15, 2010,
<http://www.abc.net.au/unleashed/stories/s2872594.htm>

Commentaries

“What do Kiwis think of science? -- experts respond”, Science Media Centre, December 4, 2014
<http://www.sciencemediacentre.co.nz/2014/12/04/what-do-kiwis-think-of-science-experts-respond/>

“‘Opinion gap’ between science and public – experts respond”, Science Media Centre, January 30, 2015
<http://www.sciencemediacentre.co.nz/2015/01/30/opinion-gap-between-science-and-public-experts-respond/>

Quoted in

“Kiwis more positive about science than Americans”, 3NEWS, January 30, 2015
<http://www.3news.co.nz/nznews/kiwis-more-positive-about-science-than-americans-2015013008#axzz3QFShkUFz>

“NZ Climate attitudes survey– experts respond”, Science Media Centre, May 15, 2015
<http://www.sciencemediacentre.co.nz/2015/05/15/nz-climate-attitudes-survey-expert-reaction/>

Quoted in

“Confidence in climate change efforts slipping – study”, 3NEWS, May 16, 2015
<http://www.3news.co.nz/nznews/confidence-in-climate-change-efforts-slipping--study-2015051513#axzz3aRXWLvRD>