

Dept. of Philosophy, Logic and Scientific Method  
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# Remco Heesen

## Areas of Specialization

- Philosophy of Science
- Decision and Game Theory
- Epistemology (especially formal and social epistemology)
- Social Structure of Science

## Areas of Competence

- Logic
- Ethics

## Employment

- 2025– **Associate Professor**, *London School of Economics and Political Science*
- 2023–2025 **Assistant Professor**, *London School of Economics and Political Science*
- 2019–2023 **Senior Lecturer in Philosophy**, *University of Western Australia*
- 2019–2023 **Postdoctoral Researcher**, *University of Groningen*  
Primary Investigator on the project “Understanding Statistical Biases in Peer Review”, carried out in the Department of Theoretical Philosophy.
- 2016–2019 **Postdoctoral Research Fellow**, *University of Cambridge*  
Primary Investigator on the project “Organizing Science: The Social Epistemology of Scientists and Their Incentives”, carried out in the Faculty of Philosophy. Secondary appointment as Junior Research Fellow in St Edmund’s College (2017–2019).

## Education

- 2016 **PhD**, *Carnegie Mellon University*, Logic, Computation and Methodology
- 2013 **MS**, *Carnegie Mellon University*, Logic, Computation and Methodology
- 2010 **MSc (with distinction)**, *London School of Economics and Political Science*, Philosophy and History of Science
- 2009 **MSc (cum laude)**, *Tilburg University*, Operations Research and Management Science
- 2009 **BA (cum laude)**, *Tilburg University*, Philosophy
- 2008 **BSc (cum laude)**, *Tilburg University*, Econometrics and OR

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## Peer-Reviewed Publications

25. 2026 Anne Schwenkenbecher, Remco Heesen, et al. “Why We Cannot Separate Evidence From Values in Public Policy.” *Politics & Policy* 54(2): e70109.  Published (OA = open access)  
Seventh named out of fifteen authors.
24. 2026 Mike D. Schneider, Remco Heesen, et al. “Revisiting the Base in Evidence-Based Policy.” *Political Studies* 74(1): 210–228.  Published  Penultimate  
Fourth named out of thirteen authors (the first five authors led the paper).
23. 2025 Alejandro Bortolus, Remco Heesen, et al. “Knowledge Brokers at the Science-Policy Interface: Insights from Biosecurity and Environmental Management.” *Ambio* 54(12): 2079–2091.  Published  Penultimate  
Seventh named out of fourteen authors.
22. 2025 Marcus Arvan, Liam Kofi Bright and Remco Heesen. “Jury Theorems for Peer Review.” *British Journal for the Philosophy of Science* 76(2): 319–344.  Published (OA)
21. 2025 Remco Heesen and Liam Kofi Bright. “Publication Bias is Bad for Science if Not Necessarily Scientists.” *Royal Society Open Science* 12(4): 240688.  Published (OA)
20. 2024 Remco Heesen. “Cumulative Advantage and the Incentive to Commit Fraud in Science.” *British Journal for the Philosophy of Science* 75(3): 561–586.  Published (OA)
19. 2024 Remco Heesen, Hannah Rubin, et al. “A Model of Faulty and Faultless Disagreement for Post-Hoc Assessments of Knowledge Utilization in Evidence-Based Policymaking.” *Scientific Reports* 14: 18495.  Published (OA)  
First named out of thirteen authors (the first four authors led the paper).
18. 2024 Emelda E. Chukwu, Remco Heesen, et al. “Examining Self-Described Policy-Relevant Evidence Base for Policymaking: An Evidence Map of COVID-19 Literature.” *BMJ Public Health* 2(2): e000694.  Published (OA)  
Twelfth named out of thirteen authors.
17. 2023 Anne Schwenkenbecher, Remco Heesen, et al. “Epistemology of Ignorance: The Contribution of Philosophy to the Science-Policy Interface of Marine Biosecurity.” *Frontiers in Marine Science* 10: 1–5.  Published (OA)  
Third named out of seven authors (the first three authors led the paper).
16. 2023 Don van Ravenzwaaij, Remco Heesen, et al. “Perspectives on Scientific Error.” *Royal Society Open Science* 10(7): 230448.  Published (OA)  
Third named out of fifteen authors (the first five authors led the paper).
15. 2023 Remco Heesen and Jan-Willem Romeijn. “Measurement Invariance, Selection Invariance, and Fair Selection Revisited.” *Psychological Methods* 28(3): 687–690.  Published  Penultimate

14. 2023 Liam Kofi Bright and Remco Heesen. “To be Scientific is to be Communist.” *Social Epistemology* 37(3): 249–258. 🌐 Published (OA)
13. 2022 Remco Heesen. “The Necessity of Commensuration Bias in Grant Peer Review.” *Ergo* 8(39): 423–443. 🌐 Published (OA)
12. 2021 Remco Heesen and Liam Kofi Bright. “Is Peer Review a Good Idea?” *British Journal for the Philosophy of Science* 72(3): 635–663. 🌐 Published (OA)
11. 2019 Remco Heesen and Jan-Willem Romeijn. “Epistemic Diversity and Editor Decisions: A Statistical Matthew Effect.” *Philosophers’ Imprint* 19(39): 1–20. 🌐 Published (OA)
10. 2019 Remco Heesen. “The Credit Incentive to be a Maverick.” *Studies in History and Philosophy of Science* 76: 5–12. 🌐 Published (OA)
9. 2019 Remco Heesen, Liam Kofi Bright and Andrew Zucker. “Vindicating Methodological Triangulation.” *Synthese* 196(8): 3067–3081. 🌐 Published (OA)
8. 2018 Remco Heesen. “Why the Reward Structure of Science Makes Reproducibility Problems Inevitable.” *The Journal of Philosophy* 115(12): 661–674. 🌐 Published 🌐 Penultimate
7. 2018 Remco Heesen. “When Journal Editors Play Favorites.” *Philosophical Studies* 175(4): 831–858. 🌐 Published (OA)  
Included in *The Philosopher’s Annual* vol. 38 (2018). 🌐 Editorial
6. 2018 Liam Kofi Bright, Haixin Dang and Remco Heesen. “A Role for Judgment Aggregation in Coauthoring Scientific Papers.” *Erkenntnis* 83(2): 231–252. 🌐 Published (OA)
5. 2017 Remco Heesen. “Communism and the Incentive to Share in Science.” *Philosophy of Science* 84(4): 698–716. 🌐 Published 🌐 Penultimate
4. 2017 Remco Heesen. “Academic Superstars: Competent or Lucky?” *Synthese* 194(11): 4499–4518. 🌐 Published (OA)
3. 2016 Remco Heesen and Pieter van der Kolk. “A Game-Theoretic Approach to Peer Disagreement.” *Erkenntnis* 81(6): 1345–1368. 🌐 Published (OA)
2. 2015 Remco Heesen. “How Much Evidence Should One Collect?” *Philosophical Studies* 172(9): 2299–2313. 🌐 Published 🌐 Penultimate
1. 2011 Jan Sprenger and Remco Heesen. “The Bounded Strength of Weak Expectations.” *Mind* 120(479): 819–832. 🌐 Published 🌐 Penultimate

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## Other Publications

- 2024 Mike D. Schneider, Remco Heesen, et al. “Science-Policy Research Collaborations Need Philosophers.” *Nature Human Behaviour* 8: 1001–1002. 🌐 Published 🌐 Penultimate  
Sixth named out of fifteen authors.
- 2019 Book review of Thomas Boyer-Kassem, Conor Mayo-Wilson, and Michael Weisberg’s “Scientific Collaboration and Collective Knowledge.” *Philosophy of Science* 86(1): 192–198. 🌐 Published 🌐 Penultimate

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## Outreach

- Jan 2023 TWS Partners. *Game Changers*, with Remco Heesen. 🌐 Podcast
- 2021–2022 Maarten van Doorn and Remco Heesen. *On Thinking*. Recurring podcast guest. 🌐 Episode 3 🌐 Episode 4 🌐 Episode in Dutch
- Aug 2022 Liam Kofi Bright and Remco Heesen. The Perfect Time to Reform Peer Review. *BJPS Short Reads*. 🌐 Article 🌐 Podcast
- Jun 2022 Remco Heesen and Liam Kofi Bright. Article on peer review in the attention economy (in Dutch). *Th&ma Hoger Onderwijs*.
- Feb 2022 Marcus Arvan, Liam Kofi Bright and Remco Heesen. Why a Crowd-Sourced Peer-Review System Would Be Good for Philosophy. *Daily Nous*. 🌐 Article
- Sep 2021 Should Peer Review Occur Before or After Publication? Invited panelist at Metascience 2021.
- Jul 2021 Rob Wilson and Remco Heesen. Hale School Philosopher in Residence.
- Jul 2021 Is Peer Review a Good Idea? Africa in Science Lecture. 🌐 Video
- Jan 2021 Does Peer Review Live up to its Promise? Invited panelist at APE 2021.
- Dec 2020 Brian L. Frye. Heesen and Bright on Peer Review. *Ipsa Dixit*, 669. 🌐 Podcast
- Nov 2020 Liam Kofi Bright and Remco Heesen. The Head and the Heart: Incentives and Norms. *The Sooty Empiric*. 🌐 Article
- Nov 2020 Science, Trust and Misinformation. Philosophical discussion at Mello House.
- Mar 2020 Scientific Realism. Guest lecture at Christ Church Grammar School.
- Sep 2019 Laura Molenaar. Peer review, reimagined. Interview in *\*Research*. 🌐 Article
- May 2019 Nick Zautra. *Sci Phi Podcast*, ep. 65. Remco Heesen. 🌐 Podcast
- Feb 2019 Jan-Willem Romeijn, Remco Heesen and Hendrik Siebe. Article on opinion formation in groups (in Dutch). *Sociale Vraagstukken*. 🌐 Article 🌐 Mirror
- Jul 2014 Remco Heesen and Konstantin Genin. Introductory discussion of the St. Petersburg Paradox and decision theory at the Swiss Institute. 🌐 Video
- Apr 2011 Remco Heesen and 45 co-authors. *Onze Tijd: Wat is waar?* Exchange of letters on truth, published by Kon. Holl. Mij. der Wetenschappen (in Dutch).

Dec 2010 Remco Heesen and 21 co-authors. *Zelf Vertrouwen*. Report on trust with my contribution focusing on trust in science (in Dutch).  Report  Mirror

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## External Research Funding

- 2023 **ZiF Research Group**, *Bielefeld University*, € 300,000  
Grant for a five-month research group titled “The Epistemology of Evidence-based Policy”, awarded to Anne Schwenkenbecher, Remco Heesen, and Chad Hewitt.
- 2019–2023 **NWO Veni**, *Dutch Research Council*, € 250,000  
Grant for the project “Understanding Statistical Biases in Peer Review”.
- 2016–2019 **Early Career Fellowship**, *The Leverhulme Trust*, £ 162,000  
Grant for “Organizing Science: The Social Epistemology of Scientists and Their Incentives”, including matching funding from Cambridge’s Isaac Newton Trust.

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## Prizes and Fellowships

- 2019 **Included in *The Philosopher’s Annual***, vol. 38, 2018  
“When Journal Editors Play Favorites” selected among the ten best articles of 2018.
- 2019 **SILFS Prize for Philosophy of Science**, *Italian Society for Logic and the Philosophy of Science*  
Best philosophy of science paper by any scholar under 40, for “The Necessity of Commensuration Bias in Grant Peer Review”.
- 2017 **Emanuel Miller Prize**, *St John’s College (University of Cambridge)*  
Best philosophy of science paper by any member of the University of Cambridge, for “Why the Reward Structure of Science Makes Reproducibility Problems Inevitable”.
- 2014–2015 **Visiting Fellowship**, *Munich Center for Mathematical Philosophy*  
Funding for a three-month visit to Munich.
- 2010 **Imre Lakatos Prize**, *London School of Economics*  
Best master’s thesis on philosophy of science of the academic year 2009–2010.
- 2009 **Master’s Thesis Award**, *Tilburg University*  
Best master’s thesis of the academic year 2008–2009 (university-wide).
- 2009–2010 **HSP Talent Programme**, *Dutch ministry of education*  
Scholarship awarded by the Huygens Scholarship Programme to excellent students continuing their education abroad, covering tuition and living expenses.
- 2009–2010 **VSB Fund Scholarship**, *VSB Fund (Dutch charity)*  
Scholarship for studying abroad, awarded based on motivation.
- 2009 **Excellence Scholarship**, *Tilburg University*  
Scholarship for graduate studies awarded to *cum laude* undergraduates.

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## Research Presentations (selected)

68 listed, of which 37 were invited (marked with \*) and 31 at peer-reviewed conferences. 5 presentations were given with a coauthor (marked with †).

### **Unintended Consequences and Science Policy**

- May 2026 Center for Logic, Language, and Cognition Seminar, University of Turin. \*
- Jan 2026 Philosophy Colloquium, University of Exeter. \*

### **The Division of Cognitive Labour under Poisson Productivity**

- Jan 2026 Metaphysics and Epistemology Group, University of Oxford. \*
- Nov 2025 Centre for Science Studies Colloquium, Aarhus University. \*
- Aug 2025 Formal Models in Metascience, Carnegie Mellon University. \*
- Jun 2025 Colloquium in Logic and Philosophy of Science, Munich Center for Mathematical Philosophy. \*
- Apr 2025 Applied Phil. of Science and Epistemology seminar, University of Vienna. \*
- Why Scientists Should not Show 'n Tell**, w. Jingyi Wu and Jun Kyu Lee
- Aug 2025 European Philosophy of Science Association, University of Groningen.
- Nov 2024 Biennial Meeting of the Philosophy of Science Association, New Orleans. †

### **Modelling and Evaluating the Credit Economy in Science**

- Jun 2024 Summer School in Philosophy of Economics, Lake Como. \*
- Aug 2023 ARRC Peer Learning Seminar, University of Cambridge. \*

### **Peer Review Errors and the Gender Productivity Gap**

- Sep 2023 European Philosophy of Science Association, University of Belgrade.

### **Understanding Disagreements: Applications to Evidence-Based Policymaking**, with twelve coauthors

- Jul 2025 PPE Society London First Annual Meeting, King's College London.
- Dec 2023 Forum on the Future of Evidence-Based Policy, University of Bielefeld. \*
- Apr 2023 Philosophy of Science Seminar, University of Bielefeld. \* †

### **How to Measure Credit**

- Nov 2022 Biennial Meeting of the Philosophy of Science Association, Pittsburgh.
- Feb 2022 Perspectives on Science seminar, University of Helsinki. \*

### **Cumulative Advantage & Incentive to Commit Fraud in Science**

- Dec 2023 *Keynote speaker*, Explaining Research Misconducts, Nancy. \*
- Sep 2021 European Philosophy of Science Association, University of Turin.

### **Publication Bias is Bad for Science if not Necessarily Scientists**, with Liam Kofi Bright

- May 2021 Canadian Society for the History and Philosophy of Science Annual Meeting, University of Alberta.

- Jury Theorems for Peer Review**, w. Marcus Arvan and Liam Kofi Bright
- Dec 2020 Research Forum, University of Bayreuth. \*
- Nov 2020 Philosophy & Ethics Group Seminar, Eindhoven University of Technology. \*
- Frustrating Policy without Lying**
- Oct 2019 Challenges of Translating Science into Public Policy, Murdoch University. \*
- Changing Peer Review to Open Science**
- Sep 2019 Philosophy Seminar, Murdoch University. \*
- Sep 2019 Building Better Epistemic Networks, Australian Catholic University. \*
- The Necessity of Commensuration Bias in Grant Peer Review**
- Jun 2019 *Keynote speaker*, SILFS Postgraduate Conference, University of Urbino. \*
- Jun 2019 Asian Conference on the Philosophy of the Social Sciences, Nankai University.
- Is Peer Review a Good Idea?**, with Liam Kofi Bright
- Jul 2023 The Social Epistemology of Philosophy Journals, University of Leeds. \*
- Nov 2021 Association for Interdisciplinary Metaresearch and Open Science (AIMOS) conference. \*
- Jun 2021 ReproducibiliTea Online, Erasmus University Rotterdam. \*
- Apr 2021 Colloquium Science and Technology Studies, Wuppertal University. \*
- Sep 2020 Center for Science and Technology Studies Seminar, Leiden University. \*
- Nov 2018 Biennial Meeting of the Philosophy of Science Association, Seattle. †
- Why Should Scientists Do Good Science?**
- Jun 2018 *Keynote speaker*, Computational Modeling in Philosophy, Ludwig Maximilian University of Munich. \*
- May 2018 Formal Social Epistemology Workshop, University of California Irvine. \*
- Statistical Biases in Peer Review**
- Apr 2018 HPS Departmental Seminar, University of Cambridge. \*
- Nov 2017 Choice Group, London School of Economics. \*
- Jun 2017 Brown Bag Seminar, RAND Europe. \*
- Jun 2017 Mini-workshop Social Epistemology, University of Groningen. \*
- Epistemic Diversity and Editor Decisions: A Statistical Matthew Effect**, with Jan-Willem Romeijn
- Mar 2018 PEERE International Conference on Peer Review, Rome.
- Jul 2017 Formal Models of Scientific Inquiry, Ruhr-University Bochum.
- Jun 2017 Progress in Science and Society, University of Hannover.
- May 2017 Philosophy Research Seminar, University of Bristol. \* †
- The Credit Incentive to Be a Maverick**
- Apr 2017 Risk and the Culture of Science, University of Cambridge. \*

- The Incentive to Share in the Intermediate Results Game**
- Jul 2017 European Meeting on Game Theory, Paris Dauphine University.
- Mar 2017 EIPE Twentieth Anniversary Conference, Erasmus University Rotterdam.
- Why the Priority Rule Does Not Exist**, with Kevin Zollman
- Sep 2017 European Philosophy of Science Association, University of Exeter.
- Mar 2017 Philosophy of Science Seminar (CamPoS), University of Cambridge. \*
- Sep 2016 Formal Approaches in Social Epistemology, University of Bristol. \*
- When Journal Editors Play Favorites**
- Jun 2017 Inclusion and Exclusion in Philosophy, University of Hannover.
- Nov 2016 Biennial Meeting of the Philosophy of Science Association, Atlanta.
- Jun 2016 Congrès de la Société de Philosophie des Sciences, University of Lausanne.
- Judgment Aggregation in Medical Science**, with Liam Kofi Bright and Haixin Dang
- Mar 2016 Medical Knowledge in a Social World, University of California Irvine.
- Communism and the Incentive to Share in Science**
- Sep 2015 European Philosophy of Science Association, University of Düsseldorf.
- Aug 2015 Logic Colloquium, University of Helsinki.
- Jul 2015 Bristol-Groningen Conference in Formal Epistemology, University of Bristol.
- Why the Reward Structure of Science Makes Reproducibility Problems Inevitable**
- Presented as “Expediting the Flow of Knowledge Versus Rushing into Print”.
- Jun 2016 Formal Epistemology Workshop, University of Groningen.
- Aug 2015 Congress of Logic, Methodology, and Philosophy of Science, University of Helsinki.
- Mar 2015 Research Seminar in Epistemology and Philosophy of Science, Tilburg University. \*
- Vindicating Methodological Triangulation**, with Liam Kofi Bright and Andrew Zucker
- Jan 2015 Scientific Discovery in the Social Sciences, London School of Economics.
- Jan 2015 Colloquium in Mathematical Philosophy, Munich Center for Mathematical Philosophy. \*
- A Game-Theoretic Approach to Peer Disagreement**, with Pieter van der Kolk
- Oct 2014 Central States Philosophical Association, Northwestern University.

## Academic Superstars: Competent or Lucky?

Presented as “Three Ways To Become an Academic Superstar” and “Interaction Networks with Imperfect Evidence”.

- Dec 2014 Agent-Based Modeling in Philosophy, Munich Center for Mathematical Philosophy.
- Jun 2014 Society for Exact Philosophy, California Institute of Technology.
- Sep 2013 Philosophy and Theory of Artificial Intelligence, University of Oxford.
- Sep 2013 Congress on Logic and Philosophy of Science, Ghent University.  
**The Bounded Strength of Weak Expectations**, with Jan Sprenger
- Sep 2010 Formal Epistemology Workshop, University of Konstanz.
- Jan 2010 Choice Group, London School of Economics. \* †

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## Teaching Experience

- 2024 **FHEA**: I am a Fellow of the Higher Education Academy in virtue of having completed LSE’s teaching qualification course, the Postgraduate Certificate in Higher Education.

### Courses taught

- 2023–2026 **BSc Dissertation Seminar (x3)**, *London School of Economics (LSE)*
- 2023–2026 **Philosophy of Economics (BSc/MSc) (x3)**, *LSE*
- 2019–2022 **Decision Theory (x3)**, *University of Western Australia (UWA)*
  - 2022 **Philosophy of the Social Sciences**, *UWA*
  - 2022 **Social and Political Philosophy (Honours)**, *UWA*
- 2019–2021 **Logic (Advanced) (x2)**, *UWA*
  - 2020 **Logic (Intro)**, *UWA*
  - 2020 **Analytic Philosophy (Honours)**, *UWA*
- 2019 **The Evolution of Social Behavior (MA)**, *University of Groningen*
- 2017 **Conditionals and Counterfactuals**, *University of Cambridge*
- 2013–2016 **Epistemology (x2)**, *Carnegie Mellon University (CMU)*
  - 2012 **Logic (Intro)**, *CMU*

### Postgraduate supervising

- 2024– **PhD Dissertation Supervisor (x4)**, *LSE*
- 2024– **MSc Dissertation Supervisor (x13)**, *LSE*
- 2020–2022 **PhD Dissertation Co-Supervisor**, *UWA*, Jorge Piaia Mendonca Junior
  - 2022 **MSc Dissertation Co-Supervisor**, *UWA*
  - 2020 **MA Dissertation Supervisor**, *Groningen*
  - 2019 **Honours Thesis Supervisor**, *UWA*
- 2017–2018 **MPhil Essay Supervisor (x4)**, *Cambridge*

## As teaching assistant

- 2012–2014 **Medical Ethics, Continental Phil., Introduction to Phil. (x2)**, CMU  
2006–2008 **Linear Algebra (x3)**, Tilburg University

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## Service

- reviewer *Philosophy of Science, The British Journal for the Philosophy of Science, Mind, Analysis, Australasian Journal of Philosophy, Noûs, Philosophical Studies, Philosophers' Imprint, Ergo, Philosophical Quarterly, Canadian Journal of Philosophy, Synthese, Erkenntnis, Studies in History and Philosophy of Science, Episteme, European Journal for Philosophy of Science, Journal for General Philosophy of Science, Australasian Philosophical Review, Economics and Philosophy, Social Epistemology, Minds and Machines, Royal Society Open Science, Quantitative Science Studies, European Journal of Operational Research, Academia Letters, Collabra: Psychology, Review of General Psychology, Minnesota Studies in Philosophy of Science, BA / Leverhulme Small Research Grants, Cultural Evolution Society.*
- program committees British Society for the Philosophy of Science (Glasgow, 2025), European Philosophy of Science Association (Turin, 2021), Formal Epistemology Workshop (Irvine, 2020 and Turin, 2019), Biases in Science (Munich, 2019), Formal Models of Scientific Inquiry (Bochum, 2017), Games, Interaction, Reasoning, Learning and Semantics (Lund, 2016).
- 2024– Jacobsen Committee member. 🌐 Website
- 2023– Programme Director of LSE's BSc in Philosophy and Economics.
- Mar 2023, Organizer (with three co-organizers) of three workshops and a conference  
May 2023, (“Forum on the Future of Evidence-Based Policy”), all funded by the Center  
Jun 2023, for Interdisciplinary Research (ZiF) in Bielefeld in the context of our research  
Dec 2023 group “The Epistemology of Evidence-based Policy”. 🌐 Website
- Aug 2021 Organizer (with four co-organizers) of “Perspectives on Scientific Error: Parsing History and Comparing Viewpoints”, a workshop at the Lorentz Center in Leiden (including €18,500 in competitive funding). 🌐 Website
- 2020–2021 Member of UWA's Humanities Research and Research Training Committee.
- 2019–2021 Mentor (x3) on the Philosophers' Cocoon Job-Market Mentoring Program.
- 2017–2018 Convenor of reading group “Formal Social Epistemology” at Cambridge.
- 2013–2015 Graduate student representative to the faculty at CMU.
- 2012–2016 Organizer of graduate student colloquia at CMU.