

# Jer Steeger *(they/he)*

CV

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## Areas of specialization

Philosophy of physics  
History and philosophy of science  
Philosophy of probability

## Areas of competence

Physics education research  
Epistemology (formal and feminist)  
Logic and philosophy of mathematics

## Experience

- 2024–2027 **British Academy International Fellow**, *Department of Philosophy, University of Bristol, UK.*
- 2024–2027 **Affiliate Assistant Professor**, *Department of Physics, University of Washington, Bothell, WA.*
- 2023–2024 **Lecturer**, *Department of Philosophy, University of Washington, Seattle, WA.*
- 2019–2023 **Postdoctoral Scholar**, *Department of Philosophy, University of Washington, Seattle, WA.*
- 2022–2023 **EPIC Program Training Specialist**, *SafeCampus, University of Washington, Seattle, WA.*

## Education

- 2013–2019 **PhD in History and Philosophy of Science**, *University of Notre Dame, Notre Dame, IN.*
- 2009–2013 **BSc in Physics**, *Massachusetts Institute of Technology, Cambridge, MA.*

## Publications

- 2024 **Hypothetical frequencies as approximations**, *Erkenntnis*, 89: 1295–1325.
- 2023 **An accuracy-based approach to quantum conditionalization**, *The British Journal for the Philosophy of Science*, forthcoming (with Alexander Meehan).
- 2022 **One world is (probably) just as good as many**, *Synthese*, 200 (97).
- 2021 **Two forms of inconsistency in quantum foundations**, *The British Journal for the Philosophy of Science*, 72 (4): 1083–1110 (with Nicholas Teh).
- 2021 **Is the classical limit ‘singular’?**, *Studies in History and Philosophy of Science*, 88: 263–279 (with Benjamin Feintzeig).
- 2021 **Extensions of bundles of C\*-algebras**, *Reviews in Mathematical Physics*, 33: 2150025 (with Benjamin Feintzeig).
- 2019 **Probabilism for stochastic theories**, *Studies in History and Philosophy of Modern Physics*, 66: 34–44.

## In preparation

- 2026 **Everettian chance in no uncertain terms** (with James Read).
- 2026 **Complementarity as infringement** (with Ray Pedersen).
- 2026 **Community agreements pedagogy in physics** (with Rachel E. Scherr).
- 2026 **Articulating values to scaffold diverse approaches to physics theories** (with Rachel E. Scherr).

## Fellowships

- 2024–2027 British Academy International Fellow
- 2013–2019 Bernard J. and Helen Holland Voll Presidential Fellow

## Teaching experience

- 2023–2024 **Lecturer, University of Washington.**
  - Fall 2023 / Winter 2024 Introduction to (Western) Philosophy
  - Fall 2023 Introduction to Philosophy of Science
  - Winter 2024 Intermediate Logic
- 2020–2023 **Instructor of Record, University of Washington.**
  - Spring 2023 Advanced Logic
  - Spring 2022 WXML: Visualizing Quantum Probabilities
  - Spring 2020 Introduction to Philosophy of Science
- 2013–2019 **Instructor of Record and Teaching Assistant, University of Notre Dame.**
  - Spring 2019 Topics in Philosophy of Physics: Puzzles of the Quantum (Instructor of Record)
  - Fall 2017 Notre Dame Teaching Workshop (Participant)
  - Fall 2017 Introduction to Philosophy of Science (Instructor of Record)
  - Fall 2015 Introduction to Philosophy (Teaching Assistant for Prof. Meghan Sullivan)
  - Fall 2014 Cosmology and Philosophy (Teaching Assistant for Prof. Katherine Brading)
- 2012 **Teaching Assistant, Massachusetts Institute of Technology.**
  - Fall 2012 8.13 Junior Physics Lab (Teaching Assistant for Dr. Sean P. Robinson)

## Research experience

- Spring 2018 **Graduate Research Assistant, University of Notre Dame, London, London, UK.**  
Supervised by Prof. Nicholas Teh.
- 2010–2013 **Undergraduate Research Assistant, Haystack Observatory, Westford, MA.**  
Supervised by Dr. Shepherd Doeleman.

## Presentations

*Asterisk (\*) denotes invited speaker.*

- 2026 **Why not talk about measurement?**
  - 3/6/2026 APS 2026 Global Physics Summit, Denver, CO
- 2025 **Pluralism-oriented pedagogy: an example from spacetime physics**
  - 8/28/2025 ESERA 2025, Copenhagen
- 2023–2025 **Complementarity as infringement**
  - 7/1/2025 Foundations of Physics 2025
  - \*5/8/2025 Oxford Philosophy of Physics Research Seminar
  - 3/18/2025 APS 2025 Global Physics Summit, Anaheim, CA
  - 6/21/2024 First Feminist Philosophy of Physics Workshop, University of Michigan, Ann Arbor
  - \*6/18/2024 1st BOHR21 Workshop, Neils Bohr Institute (as 'Complementarity and infringement')
  - 7/14/2023 LICPOS 2023 (as 'Complementarity as epistemic infringement')

- 2022–2024 **An accuracy-based approach to quantum conditionalization**
- \*10/17/2024 The Case for Quantum Probabilism Workshop, IQI Vienna (as ‘A pluralist approach to quantum probabilism’)
  - 7/8/2023 Foundations of Physics 2023
  - 11/12/2022 PSA22, Pittsburgh, Pennsylvania (as ‘Learning in a quantum world’)
  - \*7/5/2022 Non-Classical Probability: Formal Epistemology Meets Foundations of Physics, University of Bristol (as ‘Learning in a quantum world’)
- 2022 **Hypothetical frequencies as approximations**
- \*9/27/2022 UWO Philosophy of Physics Reading Group
- 2020–2022 **One world is (probably) just as good as many**
- 7/6/2022 BSPS 2022, University of Exeter
  - 4/6/2022 ILMPS Conference 2022, Milan, Italy
  - \*9/22/2020 Philosophy of Physics Seminar, University of Oxford
- 2021 **Is the classical limit ‘singular’?**
- 11/11/2021 PSA20/21, Baltimore, Maryland
  - 9/16/2021 EPSA21, University of Turin, Italy (online)
  - 5/2/2021 Constructing Quantum Theories Workshop, University of Washington (online)
- 2020 **Are there objective probabilities in quantum theories?**
- \*4/5/2019 Philosophy of Physics Workshop Celebrating Jon Jarrett’s Contributions University of Notre Dame
  - 2/22/2019 APA Central 2019, Denver, Colorado
- 2017–2018 **Probabilism for stochastic theories**
- 6/28/2018 XXI International Summer School in Philosophy of Physics, University of Urbino
  - \*1/18/2018 Hong Kong Workshop on Quantum Information and Foundations, University of Hong Kong (as ‘Betting on quantum objects’)
  - 6/15/2017 LMP 2017, Western University (as ‘Betting on quantum objects’)
  - 6/2/2017 5th LSE Graduate Conference in Philosophy of Probability, London School of Economics (as ‘Betting on quantum objects’)
- 2016–2018 **Two forms of inconsistency in quantum foundations**
- 11/1/2018 PSA2018, Seattle, Washington (as ‘Hidden variables and subjective probability’)
  - 6/24/2018 LMP 2018, Western University
  - \*5/9/2018 Controlled Quantum Dynamics Group Seminar, Imperial College London
  - 4/27/2018 Contextuality and Special Topics in Quantum Foundations Workshop, University of Notre Dame, London
  - 7/17/2016 Foundations 2016, London School of Economics (as ‘Sheaves, generalized probability, and the hierarchy of quantum contextuality’)
- 2015 **PSR and the problem of force**
- 9/24/2015 EPSA15, Duesseldorf Center for Logic and Philosophy of Science (DCLPS)

## Service

- 2020–2025 **Organizer**
- Winter 2025 Accuracy and Dominance Reading Group, University of Bristol
  - Spring/Summer 2021 Philosophy of Science Reading Group, University of Washington
  - Summer/Fall 2020 Physical Probability Reading Group, University of Washington

- 2018–2023 **Co-organizer**
- August 2024 Co-constructing spacetime pedagogy workshop, University of Bristol (with Rachel Scherr)
  - Spring 2023 UMN Physics Interest Group (PIG), University of Minnesota (with Samuel Fletcher)
  - Summer 2022 QEBQM Early Career Summer Retreat, University of Washington (with Benjamin Feintzeig and Samuel Fletcher)
  - Spring 2021 Constructing Quantum Theories Workshop, University of Washington (with Benjamin Feintzeig)
  - Spring 2018 Contextuality and Special Topics in Quantum Foundations Workshop, University of Notre Dame, London (with Nicholas Teh)
- 2021–2022 **Diversity, Equity, and Inclusion (DEI) work**
- Fall 2022 EPIC Program Training Specialist
  - Fall 2021 to Fall 2022 UW Department of Philosophy Climate Committee Member
  - Spring 2020 to Fall 2022 UAW4121 Anti-Discrimination Work Group Member
- 2018–2020 **Facilitator**
- Summer 2020 MSSPP2020, University of Illinois Chicago (online)
  - Summer 2018 MSSPP2018, University of Chicago
- 2025 **Commenter**
- February 2025 2025 Central APA Virtual Conferences
- 2019–2025 **Reviewer**
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| <i>The British Journal for the Philosophy of Science</i> | <i>Erkenntnis</i>              |
| <i>European Journal for Philosophy of Science</i>        | <i>Foundations of Physics</i>  |
| <i>Foundations of Science</i>                            | <i>Philosophy of Physics</i>   |
| <i>Philosophy of Science</i>                             | <i>Science &amp; Education</i> |
| <i>Studies in History and Philosophy of Science</i>      |                                |

## References

**Benjamin Feintzeig**, University of Washington  
**Samuel Fletcher**, University of Oxford  
**Don Howard**, University of Notre Dame  
**James Read**, University of Oxford  
**Miklós Rédei**, London School of Economics  
**Rachel Scherr**, University of Washington, Bothell  
**Nicholas Teh**, University of Notre Dame  
**Karim Thébault**, University of Bristol