

# Patricia Rich

Department of Philosophy  
University of Hamburg  
Von-Melle-Park 6  
20146 Hamburg

+49 (0)40 589 0232  
ptrich@gmail.com

## Academic Positions

Research Associate: Knowledge and Decision, University of Hamburg, January 2017 – present.

Research Associate: Epistemic Utility Theory, University of Bristol, October 2015 – December 2016.

Instructor, University of Pittsburgh History and Philosophy of Science Department, August 2014 – April 2015.

## Education

Ph. D. Logic, Computation, and Methodology, Carnegie Mellon University, August 2015.

Thesis: Rationality in Context: Practical Guidance Through a Hybrid Approach

Supervisory committee: David Danks, Kevin Zollman, Teddy Seidenfeld and Russell Golman

Completion of “Future Faculty” Teaching Development Program, August 2014

Eberly Center for Teaching Excellence, Carnegie Mellon University

Visiting Ph. D. student, Lund University Department of Philosophy, May 2012.

M.S. Logic, Computation, and Methodology, Carnegie Mellon University, December 2010.

Thesis: A Strengthened Case for Backward Induction Given Common Knowledge of Rationality

Supervisory committee: Horacio Arló-Costa and Kevin Zollman

B.A. Philosophy, Mathematics minor, Niagara University, December 2007.

## Areas of Research Specialization

Epistemology (especially Formal Epistemology), Game and Decision Theory, Philosophy of Science (especially Economics and Psychology)

## **Areas of Teaching Competence**

Logic, Philosophy of Science (general and biology), Social and Political Philosophy

## **Papers**

### **Published**

Axiomatic and Ecological Rationality: Choosing Costs and Benefits. *Erasmus Journal for Philosophy and Economics* 9.2 (2016): 90-122.

Honesty Through Repeated Interactions. *Journal of Theoretical Biology* 395 (2016): 238-244. (With Kevin J.S. Zollman)

Rethinking Common Belief, Revision, and Backward Induction. *Mathematical Social Sciences* 75 (2015): 102-114.

### **Accepted**

Comparing the Axiomatic and Ecological Approaches to Rationality: Fundamental Agreement Theorems in SCOP. *Synthese*, special issue based on the Second Annual Conference on Games, Interactive Rationality and Learning.

## **Conference Presentations**

### **Invited**

Coherence and Correspondence Decision Criteria: How to Evaluate Decision Heuristics. *16<sup>th</sup> SAET Conference on Current Trends in Economics*, 2016.

Heuristics for Strategy Choice. *Games, Interactive Rationality and Learning*, 2012.

### **Contributed**

Axiomatic and Ecological Rationality: Choosing Costs and Benefits. *Rationality, Probability and Pragmatics*, 2016.

Against the Process-Based Objection to Expected Utility Theory. *Explanation, Normativity, and Uncertainty in Economic Modelling*, 2016.

New Philosophical Underpinnings for Ecological Rationality. *2<sup>nd</sup> International Conference on Natural*

*Cognition: Rationality and its Rivals*, 2015.

*Comparing Axiomatic and Ecological Theories of Rationality. Games, Interactive Rationality and Learning*, 2013.

Common Belief, Revision, and Backward Induction. *Episteme*, 2011.

## **At home**

Strategic Choices in Information Cascades. *Formal Approaches in Social Epistemology*, 2016.

Strategic Social Epistemology, *Bristol-LSE Graduate Formal Epistemology Workshop*, 2016.

Accuracy and Strategic Belief Choice, *Epistemic Utility Theory Conference*, 2016.

## **Teaching Experience**

### **Instructor**

*University of Pittsburgh, History and Philosophy of Science Department*

Magic, Medicine and Science (Spring 2015); Problem Solving: How Science Works (Fall 2014)

*Carnegie Mellon University; \* denotes English Department*

Introduction to Rational Choice (Summer 2014); Social Structure, Public Policy, and Ethics (Spring 2013, 14); Introduction to Philosophy (Fall 2012); Introduction to Political Philosophy (Summer 2009-12); Introduction to Epistemology (Summer 2011); Interpretation and Argument\* (Fall 2010)

### **Teaching Assistant and Seminar Leader**

Epistemology (Spring, Fall 2016), *University of Bristol*; Introduction to Philosophy (Spring 2009, 10), *Carnegie Mellon University*

### **Grader**

*Carnegie Mellon University; \* denotes Tepper School of Business*

Rational Choice (Fall 2013); Introduction to Financial and Managerial Accounting\* (Fall 2013); Writing Tutor (Fall 2011); Introduction to Ethics (Summer 2010); Introduction to Political Philosophy (Fall 2009)

## **Professional Activity**

Guest editor: *The Reasoner* 10.12 (2016)

Participant: International Rationality Summer Institute, Aurich (2016)

Journal referee: British Journal for the Philosophy of Science, Games, Mind, Philosophy of Science (2016)

Co-organizer: Epistemic Utility Theory Conference (2016)

Paper discussant: Formal Epistemology Workshop (2015), Pitt-CMU Graduate Conference (2014)

Chapter member: Minorities and Philosophy, Carnegie Mellon University (2013-2015)

Conference referee: Games, Interactive Rationality and Learning (2012-14), Pitt-CMU Graduate Conference (2010-11, 14)

Conference committee member: Games, Interactive Rationality and Learning (2012-13)

Session discussant: Pitt-CMU Graduate Conference (2011)

Graduate admissions committee member: Carnegie Mellon University Philosophy Department (2011)