

Samuli Reijula (né Pöyhönen)

Theoretical Philosophy, PL 24
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PERSONAL INFORMATION

Date & Place of birth: 1980, Kuopio, Finland
Citizenship: Finland
Place of Residence: Helsinki, Finland
Orcid: 0000-0001-6968-5819

EXPERTISE

Areas of expertise: Philosophy of science (general, psychology, cognitive science, social science); Social epistemology of science; Collective problem solving, Philosophy of evidence-based policy
Areas of competence: Philosophy of mind; Science of science; Metaphysics of science; Argumentation theory; Conceptual change

CURRENT POSITION

Academy research fellow, 2020-2025. University of Helsinki / Academy of Finland.
University lecturer (tenured, on research leave), Theoretical philosophy, University of Helsinki

PREVIOUS AP- POINTMENTS

University researcher, Philosophy, University of Tampere. Academy of Finland research project *Social and Cognitive Diversity in Science*, #316695
Academy of Finland Postdoctoral Researcher. Social and Moral Philosophy, University of Helsinki. Sep 2015–Aug 2018
Visiting researcher (postdoc pool). Adaptive Rationality and Cognition, Max Planck Institute for Human Development, Berlin. Jul 2016–Jun 2017
Part-time lecturer (1-2 courses / academic year). Cognitive science, Faculty of Behavioural Sciences, University of Helsinki. 2009–2015
Postdoctoral researcher. TINT, Academy of Finland Centre of Excellence in the Philosophy of the Social Sciences, University of Helsinki. 2013–2015
Doctoral student. Social and Moral Philosophy, University of Helsinki / Finnish doctoral programme of Philosophy. 2008–2012
Visiting doctoral student. Berlin School of Mind and Brain, Humboldt University. (Academic host: Prof. Michael Pauen). 4–9/2012
Visiting doctoral student. Philosophy, University of Edinburgh (Academic host: Prof. Andy Clark). 2–5/2010

EDUCATION

Docent (habilitation) in Practical Philosophy. University of Helsinki, Faculty of Social Sciences, 1/2020.
Doctor of Social Sciences. University of Helsinki, Social and Moral Philosophy, 9/2013.
Dissertation: *Chasing Phenomena – Studies on classification and conceptual change in the human sciences*.
Advisor: Petri Ylikoski; Opponent: Carl Craver; Grade: Laudatur
Master of Social Sciences. University of Helsinki, Social and Moral Philosophy, 12/2007.
Cognitive Science (MA program), University of Helsinki. 2007 →
Kuopion Lyseo high school (Kuopion Lyseon Lukio) 2000. (6*Laudatur)

Professional training

7/2018: *European Summer School for Scientometrics*. University of Vienna, 3 ECTS
6/2013: *Summer Institute on Bounded Rationality*. Max Planck Institute for Human Development
7/2010: *Second International Summer School in Cognitive Sciences and Semantics: Analytic Pragmatism, Semantic Inferentialism, and Logical Expressivism*. University of Latvia

INDIVIDUAL GRANTS & AWARDS

2020: Academy research fellow 2020–2025. "Modeling the republic of science: Collaborative problem solving and collective rationality in scientific inquiry". The Academy of Finland, #332686, 438 874e
2018: Personal grant for postdoctoral research: "Institutional epistemology", Emil Aaltonen Foundation, 31500e
2015: Postdoctoral researcher project 2015–2018, The Academy of Finland, 247284e
2015: Postdoc-pool mobility grant for research at MPI Berlin. Kone Foundation, 16000e. (2015–2016)
2009: Finnish Doctoral Programme of Philosophy. Four-year funding for doctoral research in philosophy. (2009–2012)
2008: Individual 3-year grant for doctoral research in philosophy. Finnish Cultural Foundation

LANGUAGES

Native language: Finnish
English (★ ★ ★); German (★★); Swedish, French (★)
Python (★ ★ ★); R, Javascript, Java, PHP, SQL (★★)

RESEARCH OUTPUT

Number of peer-reviewed publications: 20
10 most significant publications

Reijula, Samuli and Jaakko Kuorikoski (forthcoming). "The diversity-ability trade-off in scientific problem solving." *Philosophy of Science* (PSA 2020/2021).

Reijula, Samuli and Ralph Hertwig (forthcoming). "Self-nudging and the citizen choice architect." *Behavioral Public Policy*.

Reijula, Samuli and Petri Ylikoski (2020). "Tutkijan vapaus institutionaalisen tietoteorian näkökulmasta", ("Academic freedom - a perspective from institutional epistemology"), in ed. K. Ekholm, E. Väliaverronen: *Tieteen vapaus & tutkijan sananvapaus*. Vastapaino, Finland.

Reijula, Samuli and Jaakko Kuorikoski (2019). "Modeling epistemic communities", in M. Fricker, P.J. Graham, D. Henderson, N. Pedersen, J. Wyatt (eds.) *The Routledge Handbook of Social Epistemology*, 240-249

Marchionni, Caterina and Samuli Reijula (2019). "What is mechanistic evidence, and why do we need it for evidence-based policy?" *Studies in History and Philosophy of Science A*, 73, 54-63

(equal contributions from both authors)

Pöyhönen¹, Samuli (2017). "Value of cognitive diversity in science". *Synthese*, 194, 4519-4540

Pöyhönen, Samuli (2014). "Explanatory power of extended cognition", *Philosophical Psychology*, 27: 735–759

Kuorikoski, Jaakko and Samuli Pöyhönen (2013). "Understanding non-modular functionality. Lessons from genetic algorithms", *Philosophy of Science*, 80: 637–649
(equal contributions from both authors)

Kuorikoski, Jaakko and Samuli Pöyhönen (2012). "Looping kinds and social mechanisms", *Sociological Theory*, 30(3): 187–205
(equal contributions)

Rusanen, Anna-Mari and Samuli Pöyhönen (2012). "Concepts in change", *Science & Education*, 22: 1389–1403
(equal contributions)

TEACHING

Academic teaching experience.

University-level courses taught: 26 (detailed information on my personal web page)

Thesis supervision (Phd / MA / BA) (ongoing incl.): 5 / 5 / 3

Training in university pedagogy.

UP5: "Development of teaching and practical training." 5 ECTS, University of Helsinki, 2015;

¹Last name changed to Reijula from Pöyhönen in 2016

UP1: "Learning in higher education", 5 ECTS, University of Helsinki. 2020.
Facilitation training (7h workshop), University of Helsinki, 2020.

ACADEMIC SERVICE

Peer review of funding applications. Peer review of applications for a Finnish foundation funding scientific research (2020).

Journal peer review. British Journal for the Philosophy of Science; Philosophical Quarterly; Synthese; Studies in History and Philosophy of Science, Erkenntnis; Journal of Economic Methodology; European Journal for Philosophy of Science; Philosophical Psychology; Behavioural Public Policy; Theory & Psychology; International Studies in the Philosophy of Science; Theoria; Journal of Social Ontology; CogSci2020; Tiede & Edistys; Ajatus; Gaudeamus (book manuscript).

Organized events

EPSA21 - Program committee member. 2021.

CLMPS – 15th Congress of Logic, Methodology and Philosophy of Science, Helsinki. Webmaster. 8/2015

EPSA13 – 4th conference of the European Philosophy of Science Association, Helsinki. Local organizing committee. 8/2013

Models and Simulations 5, Helsinki. Local organizing committee. 6/2012

Editorial work

Guest editor for Synthese topical collection: "Social and Cognitive Diversity in Science" 2021.

Book series editor. *Philosophical Studies from the University of Helsinki* (4/2020→)

Positions of trust

Responsible teacher, entrance examinations in philosophy. University of Helsinki (2020)

Job search committee for university lecturer in theoretical philosophy (Swedish), University of Helsinki. 1/2020

Department council member. Political and Economic Studies, University of Helsinki. 1/2014–12/2017

SOCIETAL IMPACT

Media

9/2020: Tahdonvoimalle tukea. Yliopisto-lehti 6/2020.

8/2020: Giving People The Tools To Nudge Themselves. The Decision Lab²

6/2020: What is 'self-nudging'? A simple trick to make healthier choices. NBC Today³

7/2019: Interview on behaviorally informed policy. Les Échos⁴

10/2014: Interview on looping effects of classifications in the social sciences, in Helsingin Sanomat (national newspaper)

Full CV at <https://www.samulireijula.net>

²URL: <https://thedecisionlab.com/insights/innovation/giving-people-the-tools-to-nudge-themselves/>

³URL: <https://www.today.com/health/what-self-nudging-simple-trick-make-healthier-choices-t184571>

⁴URL: <https://www.lesechos.fr/idees-debats/sciences-prospective/les-sciences-comportementales-au-service-des-politiques-publiques-1128551>