

Samuli Reijula (né Pöyhönen)

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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; Metaphysics of science; Argumentation theory; Conceptual change

CURRENT POSITION

University lecturer (tenured), 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 PROJECTS & GRANTS

2018: Personal grant for postdoctoral research: “Institutional epistemology”, Emil Aaltonen Foundation, 31500e
2015: Postdoctoral researcher project, The Academy of Finland, 247284e (2015–2018)
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 (★★)

PUBLICATIONS

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

Reijula, Samuli (forthcoming). Ian Hacking, *Routledge Encyclopedia of Philosophy Online*.

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)

Kyanoush Seyed Yahosseini, Samuli Reijula, Lucas Molleman and Mehdi Moussaïd (2018). ”Social information can undermine individual performance in exploration-exploitation tasks.” *COGSCI 2018: 40th Annual Conference of the Cognitive Science Society*, 2470-2475

Reijula, Samuli; Timo Ehrig; Konstantinos Katsikopoulos; Jaakko Kuorikoski; Shyam Sunder (2018). ”Nudge, Boost or Design? Limitations of behavioral policy under social interaction.” *The Journal of Behavioral Economics for Policy*, 2(1), 99-105

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

Reijula, Samuli (2017). ”How could a rational analysis model explain?” *COGSCI 2017, Proceedings of the 39th Annual Conference of the Cognitive Science Society*, 2975–2980

Pöyhönen, Samuli (2016). Psykologia tieteenalana ja asiakastyönä (Vesa Talvitie, Arkipsykologiasta aivotutkimukseen – kysymyksiä psykologian filosofiasta). *Niin & Näin* 3/16, 132-134

Pöyhönen, Samuli (2015). ”Memory as a cognitive kind. Brains, remembering dyads and exograms”, in C. Kendig (ed.), *Natural Kinds and Classification in Scientific Practice*. London: Pickering & Chatto, 145–156

Kuorikoski, Jaakko and Samuli Reijula (forthcoming). ”Kokeellinen yhteiskuntatiede” (Experimental social science), in Kaidesoja, T; Kankainen, T; and Ylikoski, P (eds.) *Syistä Selityksiin - Kausaliteetti ja selittäminen yhteiskuntatieteissä*

Ylikoski, Petri and Samuli Pöyhönen (2015). ”Addiction-as-a-kind hypothesis”, *International Journal of Addiction and Drug Research*, 4(1): 21–25

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

Pöyhönen, Samuli (2014). ”Intentional concepts in cognitive neuroscience”, *Philosophical Explorations*, 17: 93–109

Pöyhönen, Samuli (2014). ”Natural kinds and concept eliminativism”, in V. Karakostas

¹Last name changed to Reijula from Pöyhönen in 2016

and D. Dieks (eds.), *EPSA11 Perspectives and Foundational Problems in Philosophy of Science*, The European Philosophy of Science Association Proceedings 2: 167–179

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)

Pöyhönen, Samuli (2013). "Carving the mind by its joints – Natural kinds and social construction in psychiatry", in Milkowski, M. and Talmont-Kaminsky, K. (eds.) *Regarding Mind, Naturally*. Cambridge Scholars Publishing, pp. 30–48

Kuorikoski, Jaakko and Pöyhönen, Samuli (2013). "Evolution and Modularity: The limits of mechanistic explanation", *COGSCI 2013, Proceedings of the annual meeting of the cognitive science society*, 840–845

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: 25

Training in university pedagogy. UP5: "Development of teaching and practical training." 5 ECTS, University of Helsinki, 2015; UP1: "Learning in higher education", 5ECTS, University of Helsinki. 2020.

OTHER ACADEMIC MERITS

Invited lectures (2018-20)

1/2020: "Do Bayesian models help us to understand the human mind?" Mind and Matter workshop, University of Helsinki.

10/2019: "Learning from field experiments." Workshop, Behavioural insights in designing public policy & interventions, University of Helsinki

8/2019: "Role of AI in scientific research." Panel discussion, Methods Festival, Tampere University. (Chair)

5/2019: "Extrapolative inference and policy making." BeSP (Behaviour Change Science and Policy) Symposium Series. Helsinki. (Invited speaker)

3/2019: "What has modeling taught us about cognitive diversity?" Agent-based models in philosophy: Prospects and Limitations. Bochum, Germany. (Keynote lecture)

11/2018: "Social kinds in the making - construction or recruitment?" Workshop on Mallon's *Construction of Human Kinds*, University of Copenhagen (Invited speaker)

10/2018: "Why aren't we all addicts", Concept Formation in the Natural and Social Sciences, University of Zurich. (Invited speaker)

Peer review Peer review for the British Journal for the Philosophy of Science; Philosophical Quarterly; Synthese; Studies in History and Philosophy of Science, Erkenntnis; European Journal for Philosophy of Science; Philosophical Psychology; Theory & Psychology; International Studies in the Philosophy of Science; Journal of Social Ontology

Organized events

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

Positions of trust / service

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

Media

7/2019: Interview on behaviorally informed policy. Les Échos²

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

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

²URL: <https://www.lesechos.fr/idees-debats/sciences-prospective/les-sciences-comportementales-au-service-des-politiques-publiques-1128551>