

# Lauri Tuominen, MD, PhD

Scientist, University of Ottawa's Institute of Mental Health Disorder  
 Assistant Professor, Department of Psychiatry, University of Ottawa  
 Adjunct Professor, Department of Neuroscience, Carleton University  
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## Education

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2003-2009 Medical Doctor, University of Turku, Turku, Finland

## Research Training

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2010-2014	Doctor of Philosophy, Turku PET Centre, Turku, Finland, Supervisor Jarmo Hietala
2010-2014	Postdoctoral Research Fellow, Turku PET Centre, Turku, Finland, Supervisor Lauri Nummenmaa
2015-2018	Postdoctoral Research Fellow, Harvard Medical School and Massachusetts General Hospital, Boston, MA, Supervisor Daphne Holt

## Credentials

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2010-	Licensed medical practitioner in Finland, Finnish National Supervisory Authority For Welfare and Health
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## Positions and Employment

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2019-2026	Scientist, University of Ottawa's Institute of Mental Health Research, Ottawa, ON
2020-2025	Assistant Professor, Department of Psychiatry, University of Ottawa, Ottawa, ON
2020-2023	Adjunct Professor, Department of Neuroscience, Carleton University, Ottawa, ON

## Honors and Awards

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2017	Orion Research Foundation Award
2015	Sigrid Juselius Foundation Fellowship
2014	Outstanding Research Award, Finnish Psychiatric Research Foundation
2014	Outstanding Doctoral Dissertation Award, University of Turku
2014	Emil Aaltonen Foundation Award
2013	Finnish Medical Foundation Award
2013	Maud Kuistila memorial foundation Award
2012	The National Graduate School of Clinical Investigation Travel Award
2011	Young Investigator Award, Turku PET Symposium
2010	Finnish Psychiatric Research Foundation Award
2010	Rauha and Jalmari Ahokas foundation Award
2010	Finnish Cultural Foundation Research Award

## Memberships

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2011-	Finnish Current Care Guidelines working group for treatment of schizophrenia
2015-	Schizophrenia International Research Society
2020-	University of Ottawa Brain and Mind Research Institute

### Research Support (principal investigator)

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2021-2026	CIHR Project Grant: "The role of the cholinergic system in cognitive deficits in schizophrenia" (\$ 615 000)
2018-2023	Emerging Innovators in Mental Health operating grant and a salary award (\$1 000 000)
2020-2022	J.P. Bickell Foundation Medical Research Grant: "Disrupted cholinergic innervation in mild traumatic brain injury" (\$ 65 000)
2020-2022	Brain and Behavior Research Foundation Narsad Young Investigator Award: "Dopaminergic Mechanisms of Emotional Salience in Psychosis" (\$ 70 000)
2019-2021	University Medical Research Fund: "The role of the cholinergic system in cognitive deficits in schizophrenia" (\$ 50 000)
2021-2022	Translating Research into Care: "Predictors of clozapine treatment" (\$ 30 000)
2021-2023	Oracle Heart-Brain Competition: Impact of depression on the autonomic nervous system of the heart (\$ 50 000)
	CFI-JELF: Molecular determinants and effects of new treatment approaches in psychiatry. Pending

### Research Support (co-principal investigator)

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2022-2024	University Medical Research Fund: "Neural Mechanisms of Catatonia" (\$ 100 000)
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### Seminars and Presentations

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2022	PET Imaging in Mental Health – City Wide Nuclear Medicine Grand Rounds
2020	PET imaging at the Royal, The Royal's BIC Seminar - Works-In-Progress
2020	Studying neurobiology of risk and resilience for mental disorders using PET and fMRI, Colloquium, Department of Neuroscience, Carleton University
2019	Panel Presenter at Schizophrenia Care Optimization Symposium, The Royal Ottawa Mental Health Center
2019	Studying mental illnesses using fear generalization and fMRI, Seminar, Department of Cellular and Molecular Medicine, University of Ottawa
2019	Introduction to PET imaging. Introduction to Neuroimaging, Seminar Series, Department of Psychology, University of Ottawa
2019	Studying neurotransmitter systems with PET, Special topics seminar, Department of Neuroscience, Carleton University
2019	Unlocking the Mysteries of Mental Illness at The Royal's Brain Imaging Centre, uOBMRI Colloquium Series, Department of Cellular and Molecular Medicine, University of Ottawa

### Student (co-)supervision

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2014-	Reetta-Liina Säilä, MD, PhD, Turku PET Centre, co-supervision with Prof. Hietala
2021-2023	Cecelia Shvetz, Master's student, Carleton University
2019-2020	Ines Jani, Honor's student, Carleton University, co-supervision with Dr. Tremblay
2020-2021	Jessica Ahrens, Honor's student, Carleton University
2021-2022	Emma Harvey, Honor's student, Carleton University
2022-2023	Feyza Cavdaro, Honor's student, Carleton University