

Garrett R. Mindt

Elizabeth R. Koch Research Fellow
for Tiny Blue Dot Consciousness
Studies

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Areas of Specialization

Philosophy of Mind, Metaphysics, Consciousness, Philosophy of Information, Epistemology,
Philosophy of AI

Areas of Competence

Philosophy of Science, Philosophy of Neuroscience, Ethics, Logic, Philosophy of Cognitive
Science

Work Experience

2020 -
Present

Elizabeth R. Koch Research Fellow for Tiny Blue Dot Consciousness Studies

Organization: **Tiny Blue Dot Foundation**

Host Institution: **University of Wisconsin-Madison – Wisconsin Institute for Sleep and
Consciousness (WISC)**

Advisor: Giulio Tononi

Co-advisor: Christof Koch

Education

2015 -2019

PhD Philosophy, **Central European University**

Dissertation: “Reducing Uncertainty: Understanding the Information-Theoretic Origins of
Consciousness”

Supervisor: Tim Crane

Associate Supervisor: Philip Goff

2018

Honorary Fellow – **Wisconsin Institute for Sleep and Consciousness**, Autumn 2018

2013 –
2014

MA with Merit Philosophy (Metaphysics, Language & Mind), **University of Liverpool**

Dissertation: “Integrated Information Theory and the Hard Problem of Consciousness: A New
Approach to an Old Problem”

Supervisor: Barry Dainton

2010 –
2013

BA Philosophy, **University of Arizona**

2008 –
2010

AA General Education – **Pima Community College**

Publications

- Submitted “Consciousness is a Structure, Not a Function” Co-written with Giulio Tononi and members of WISC
Neuroscience of Consciousness, forthcoming special issue on Consciousness Science and its Theories
- Invited “Integrated Information Theory and the Marks of the Mental”
Entropy, forthcoming special issue on Integrated Information Theory edited by Kyumin Moon
- 2020 “A Roadmap for Artificial General Intelligence: Intelligence, Knowledge and Consciousness”
Co-written with Carlos Montemayor
Mind and Matter Vol. 18, Number 1
Special issue on Digital Consciousness Edited by Harald Atmanspacher (invited)
- 2018 “Intervening on the Causal Exclusion Problem for Integrated Information Theory”
Co-written with Matthew Baxendale
Minds and Machines, 28 (2): 331-351
- 2017 “The Problem with the ‘Information’ in Integrated Information Theory”
Journal of Consciousness Studies, 24 (7-8): 130-154

In Preparation

- MS “Not all Structure & Dynamics are Equal” (submitted to AAJP)
- MS “Information Theoretic Neutral Structuralism: A Conjunction of Neutral Monism and Information-Theoretic Structural Realism”

Edited Books/Journal Issues

- 2019 Guest Editor – Special Issue on Integrated Information Theory
Journal of Consciousness Studies, 26 (1-2)

Grants and Awards

- Jan 2020- Elizabeth R. Koch Research Fellow Grant – two-year post-doctoral fellowship
Jan 2022
- 2018 Doctoral Research Support Grant – one-term visiting research grant
- 2016 CEU summer school tuition waiver
- 2015 – CEU full doctoral fellowship
2019

Selected Talks

- 2020 “Developing a Robust Neutral Monism: A Conjunction of Information-Theoretic Neutral Monism and Information-Theoretic Structural Realism”
The Science of Consciousness Conference Tucson, AZ (Moved online) Concurrent Session 18

- 2018 “Very Deep Neural Networks – Epistemic Implications” – Artificial Intelligence Open Seminar
Budapest University of Technology and Economics, Department of Telecommunications and
Media Informatics.
- 2016 “Causation & Integrated Information Theory: bridging the gap between metaphysics and
science” – 5th WFAP Graduate Conference – University of Vienna (with Matthew Baxendale)
- 2016 “Fixing the ‘Information’ in Integrated Information Theory”, SOPhiA 2016 – University of
Salzburg
- 2016 “Why Panpsychists Should be Paninformationalists: gesturing towards a new metaphysics of
consciousness” – Matter, Mind, and Consciousness Summer School 2016 – CEU
- 2012 “Chinese Highway: A Searlesque Objection to Connectionist AI”
University of Arizona, Fifth Southwest Undergraduate Philosophy Conference

Invited talks

- 2017 “The Hard Problem as an Interface Problem: On the Possibility of Machine Consciousness”
Budapest University of Technology and Economics, Department of Telecommunications and
Media Informatics.
- 2016 “The Problem with the ‘Information’ in Integrated Information Theory”, University of Milan –
Neurophilosophy Group, LunchTime Seminar Series

Public Engagement

- 2018 TEDxCEU – Chasing the Purpose – Speaker
Machine Intelligence and the Future of Knowledge
<https://youtu.be/CG2pgJsfhMI>

Teaching Experience

- 2018 CEU Budapest – Teaching Assistant
Consciousness and the Physical World (primary instructor - Philip Goff)
Course Level: MA & PhD
- 2015 Primary Teacher Grades 7-8
Tucson International Academy, Tucson, AZ USA

Organization

- 2017 - CEU Philosophy Department Colloquium Series (co-organized with Matthew Baxendale)
2018
2016 - CEU Philosophy of Mind Reading Group
2017
2017 CEU-Rutgers MIND Workshop (co-organized with Hanoch Ben-Yami and Barry Loewer)
2016 9th Annual In-house Graduate Conference CEU (co-organized with Marta Santuccio)

Service

Editorial

2016 –
2017 Associate editor – Pulse

Referee

Journal of Consciousness Studies, Mind & Matter, Philosophical Papers, Pulse, Frontiers Psychology,

Professional Services

2017-
2018 Member of [CEU chapter](#) of MAP (Minorities and Philosophy) – member of the mentorship team, tasked with developing peer-mentorship schemes for graduate students
2017 Member of expert panel for the re-accreditation of doctoral study programmes of Faculty of Humanities and Social Sciences University of Zagreb
2017 Member of expert panel for the re-accreditation of doctoral study programmes of Faculty of Humanities and Social Sciences University of Rijeka

Courses and Summer Schools

2016 Mind, Matter, and Consciousness Summer School (CEU – Organized by David Pitt)

Academic References:

Giulio Tononi

David P. White Chair in Sleep Medicine
University of Wisconsin-Madison
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Tim Crane

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Philip Goff

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