

T. Ben Baker, JD PhD

Colby College
Department of Philosophy
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ACADEMIC APPOINTMENTS

- 2023-present Colby College, Dept of Philosophy
Assistant Professor
Davis AI Institute, Affiliated Faculty
- 2020-2023 University of Pennsylvania, Dept of Neuroscience, Kordinglab
Provost Postdoctoral Fellow

EDUCATION

- 2020 University of Pennsylvania, PhD Philosophy
Dissertation: “Cognition in Nature: Information, Explanation, Embodiment”
- 2014 Yale Law School, JD
Substantial Analytic Writing: “Less Than Murder”
Lowenstein International Human Rights Clinic
- 2010 Brown University, BA
Concentrations: Philosophy (honors thesis), Economics

PUBLICATIONS

* = peer reviewed publication

- 2024 Rethinking Artificial General Intelligence: Beyond Anthropomorphism
Invited chapter: *Introducing Philosophy of Mind, Today*
Routledge* (eds. D Curry, L Daoust) (forthcoming)
- 2024 [Computational Kinematics of Dance: Distinguishing Hip Hop Genres](#)
with T Liu, J Matelsky, F Parodi, J Krakauer, K Kording
*Frontiers in Human Robotics and AI**
- 2024 Use and Usability: Concepts of Representation in Philosophy, Neuroscience,

- Cognitive Science, and Computer Science (forthcoming)
 with Richard D. Lange, Andrew Richmond, Odelia Schwartz, Alessandro Achille,
 Xaq Pitkow, Rosa Cao, Nikolaus Kriegeskorte
[CCN Generative Adversarial Collaboration](#)
- 2023 [Commentary on Favela and Machery](#) “Investigating the concept of representation
 in the neural and psychological sciences.”
 Symposium contribution for The Brains Blog
- 2022 [Three Aspects of Representation in Neuroscience](#)
 with B Lansdell and K Körding
*Trends in Cognitive Sciences**
- 2022 [Creativity in AI-Dance Art](#)
 Proceedings of International Conference on Computational Creativity*
- 2022 Prospective Learning: Back To The Future
 Position Paper on [arXiv 2201:07372](#), J Vogelstein et al. working group
- 2021 “[Natural Information, Factivity, and Nomicity](#),”
*Biology & Philosophy**
- 2021 “[Referee Report of \(hypothetical\) Philosophy101 Textbook](#),”
*Teaching Philosophy**
[Spanish Translation](#) by Fredy H.P. Galindo, 2023
*Cuestiones Filosofía**
- 2016 “[What Does Engaged Philosophy Look Like?](#)”
 B Baker, L Daoust and R Willison
 Guest Post on DailyNous.com
- 2013 “[Before Their Time](#): Challenges to Implementing the Prohibition
 Against Child Marriage in Sierra Leone”
 B Baker, A Elbogen, S Keene
 Allard K. Lowenstein International Human Rights Clinic

SELECTED TALKS

- 2024 What Kind of AI Do We Want?
[Oberlin Colloquium in Philosophy](#), (Oberlin College)
- 2024 Dance Machines!
 James Madison University invited talk
 Sponsored by Philosophy & Religion department, JMU Dance program
- 2023 Six Forms of Dance Cognition
[Mind the Body](#) (University of Utah)

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| 2022 | So You Think AI Can Dance? Eye, Mind, and Image ; Themes from Visual Studies (UPenn) |
| 2021 | Symposium: Affirming Black Excellence in Neuroscience Cognitive Neuroscience Society (virtual) |
| 2020 | Representation in Neuroscience Neuromatch Conference 3.0 (virtual) |
| 2019 | The Factivity and Nomicity of Information Southern Society for Philosophy and Psychology , (Cincinnati OH) |
| 2017 | Learning to Dance with Dynamic Systems Graduate BEN Talks (UPenn) |
| 2017 | Neural Dynamics and Inner Representations Conference on Representing Reality (SUNY Potsdam) |
| 2015 | Weakness of Will in Desire-First Accounts of Rational Action Philosophers' Cocoon Conference (Tampa FL) |

TEACHING

Colby College

AI and Human Values (Spring 2025)
 Central Philosophical Issues: Mind & Machine (Fall 2023, Spring 2024, Fall 2024)
 Philosophy of Emotion (Fall 2024)
 Philosophy of Dance (Spring 2024)
 Philosophy of Cognitive Science (Fall 2023)

University of Pennsylvania

Philosophy and Visual Perception (Spring 2020)
 Introduction to Philosophy (Fall 2019, Summer 2018)
 Ethics (Spring 2019)
 Introduction to Philosophy (assisting Gary Purpura, Summer 2019)

Yale University

Existentialism (assisting Scott Edgar, Spring 2013)