

Performance Sonification



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About

I am the founder of Performance Sonification Corp., a company that builds, tests, and develops motion sonification units for use in high-performance athletics. We build ultra fast, ultra low-latency embedded sensor systems (wearables) that track body position and convert it into sound. This deeply integrative work combines neuroscience, phenomenology, and sport engineering. Previously, I was a university professor and postdoctoral researcher.

Previous Academic Appointments

- 2020–21. [York University](#) (ON, Canada): Philosophy and Cognitive Science Instructor.
- 2018–20. [University of Toronto](#) (ON, Canada): Postdoctoral Research Fellow at the Network for Sensory Research.
- 2018. [Lebanon Valley College](#) (PA, United States): Philosophy Instructor.
- 2016–17. [Kutztown University of Pennsylvania](#) (PA, United States): Visiting Assistant Professor of Philosophy.
- 11–12, 16. [Lone Star College](#) (TX, United States): Philosophy Instructor.
- 2012–13. [Rice University](#) (TX, United States): Research Assistant for The Senses Project at Rice.
- 2011. [Houston Community College](#) (TX, United States): Philosophy Instructor.

Education

- 2015. Ph.D. Philosophy. Rice University.
- 2011. M.A. Philosophy. Rice University.
- 2009. B.A. Philosophy, minors in Maths and Physics. Kutztown University of Pennsylvania.

Academic Publications

- ‡202x. Barkasi, Michael, “[Memory as sensory modality, perception as experience of the past](#)”, *Review of Philosophy and Psychology* (forthcoming). 10.1007/s13164-021-00598-7
- 202x. Barkasi, Michael, “[What blindsight means for the neural correlates of consciousness](#)”, *Journal of Consciousness Studies* (forthcoming).
- 2021. Rosen, Melanie G. and Barkasi, Michael, “[What makes a mental state feel like a memory: Feelings of pastness and presence](#)”, *Estudios de Filosofía*, 64: 95–122. 10.17533/udea.ef.n64a05
- 2021. Barkasi, Michael, “[Are there epistemic conditions necessary for demonstrative thought?](#)”, *Synthese*, 198(7): 6111–6138. 10.1007/s11229-019-02453-w
- 2021. Barkasi, Michael, “[What should the sensorimotor enactivist say about dreams?](#)”, *Philosophical Explorations*, 24(2): 243–261. 10.1080/13869795.2021.1908575
- 2020. Barkasi, Michael, “[Does what we dream feel present? Two varieties of presence and implications for measuring presence in VR](#)”, *Synthese*. 10.1007/s11229-020-02898-4
- 2020. Barkasi, Michael, “[Some hallucinations are experiences of the past](#)”, *Pacific Philosophical Quarterly*, 101(3): 454–488. 10.1111/papq.12320

2020. Barkasi, Michael and Rosen, Melanie G., “[Is mental time travel real time travel?](#)”, *Philosophy and the Mind Sciences*, 1(1): 1–27. 10.33735/phimisci.2020.1.28
2019. Barkasi, Michael, “[The role of experience in demonstrative thought](#)”, *Mind & Language*, 34(5): 648–666. 10.1111/mila.12228
- †2008. Holowchak, M. Andrew with Barkasi, Michael, “[An impromptu visit to Rien-à-Faire: A tribute to Bernard Suits](#)”, *Journal of the Philosophy of Sport*, 35(2): 111–119. 10.1080/00948705.2008.9714733

† Special issue introduction

‡ Runner up, Philosophy of Memory Essay Prize, Centre de Philosophie de la Mémoire (Centre for Philosophy of Memory), Université Grenoble Alpes

Academic Publications (In Preparation)

- *202x. Barkasi, Michael, “[Remembering what your brain doesn’t](#)”, in *Reference in Remembering*, edited by James Openshaw, Kourken Michaelian, and Denis Perrin. (Book proposal under review).
- *202x. Barkasi, Michael, “[When is now? How temporally shifting dreams illuminate the feeling of pastness](#)”, in *Dreaming and Memory: Philosophical Issues*, edited by Daniel Gregory and Kourken Michaelian. Springer. (Under Contract).

* Invited paper

Academic Presentations

- *2021. “[Sonifying explosive sport movements: How, why, and what it shows about bodily awareness](#)”, Cognition, Action, & Perception Speaker Series, University of Cincinnati. Virtual colloquium talk. October 29.
2021. “[Perception as experience of the past](#)”, The 95th Joint Session of the Aristotelian Society and the Mind Association. Open Session. Virtual Conference. July 16–18.
2021. “[Some hallucination is experience of the past](#)”, American Philosophical Association (APA) Pacific Division Meeting. Colloquium paper. Virtual Conference. April 5–10.
- *2021. “[The nonimmersive feeling of pastness as the phenomenal manifestation of remembering](#)”, *Dreaming and Memory*, a conference hosted jointly by the Philosophy of Neuroscience Group (Tübingen) and the Centre for Philosophy of Memory (Grenoble Alps). Virtual Conference. February 22–23.
2021. “[Does what we dream feel present? Two varieties of presence](#)”, American Philosophical Association (APA) Eastern Division Meeting. Colloquium paper. Virtual Conference. January 15.
2020. “[Is mental time travel real time travel?](#)”, w/ Melanie G. Rosen, 112th Annual Meeting of the Southern Society for Philosophy and Psychology (SSPP). Contributed Session: Memory. Virtual Conference. December 3–5.
2019. “[Conscious blindsight—but still unconscious sight](#)”, 45th Annual Meeting of the Society for Philosophy and Psychology (SPP). Contributed Session: Consciousness and Cognition. San Diego, California. July 10–13.
2019. “[What should the externalist say is missing from dream experience?](#)”, *Dreams, Hallucinations and Imagination*, a workshop by the Centre for the Study of Perceptual Experience. University of Glasgow. Glasgow, Scotland. February 23–24.
2019. “[The role of visual representations in seeing](#)”, American Philosophical Association (APA) Central Division Meeting. Colloquium paper. Denver, Colorado. February 20–23.
2016. “[Distinguishing perception and cognition via the perceptual landscape](#)”, *Rice Summer Workshop on the Interface Between Perception and Thought*. Rice University. Houston, Texas. May 5–6.
2014. “[An argument for naïve realism from demonstrative thought](#)”, American Philosophical Association (APA) Pacific Division Meeting. Colloquium paper. San Diego, California. April 16–20.

- 2014. “[A user’s guide to epistemic modals](#)”, American Philosophical Association (APA) Central Division Meeting. Colloquium paper. Chicago, Illinois. February 26–March 1.
- 2013. “[Introducing objects for thought: or, why we need to revisit an old argument for naïve realism](#)”, *Perception and Concepts*, the 9th International Symposium of Cognition, Logic and Communication. University of Latvia. Riga, Latvia. May 16–18.
- 2011. “[Getting straight on epistemic modals](#)”, The Arché/CSMN Graduate Conference. University of St Andrews. St Andrews, Scotland. October 8–9.
- 2008. “[Plato’s generation of number in the *Parmenides*](#)”, The 26th annual joint meeting of Society for Ancient Greek Philosophy (SAGP) with the Society for the Study of Islamic Philosophy (SSIPS). New York, New York. October 24–26.

* Invited talk

Workshop Organizing

- 2019. Co-organized *Experiencing What’s Not There: A Workshop on Hallucinations, Dreams, Imagination, and Virtual Reality*, w/ Mohan Matthen, as part of the Network for Sensory Research. Hosted at the University of Toronto (St. George campus). June 7–8.
- 2013. Co-organized *How Perception Makes Things Available for Thought*, w/ Casey O’Callaghan, as part of the Senses Project at Rice. Hosted at Rice University. November 8–9.

Journal Refereeing

I have served as an *ad hoc* peer-reviewer for the following academic journals. In addition, I’ve also served as a conference referee for the *Society for Philosophy and Psychology*.

Australasian Journal of Philosophy, *Philosophical Transactions of the Royal Society B: Biological Sciences*, *Mind & Language*, *Thought*, *Synthese*, *Philosophical Quarterly*, *Dialectica*, *Philosophical Psychology*, and *Journal of the American Philosophical Association*.

University Teaching

Courses listed by the last term taught, not all sections at all schools listed. All courses taught at the undergraduate level.

- 2021s. Cogs/Phil 3750: [Philosophy of Artificial Intelligence](#) (York University).*
- 2020f. Phil 3260: [Philosophy of Psychology](#) (York University).*
- 2020f. Cogs/Phil 2160: [Minds, Brains, and Machines](#) (York University).*
- 2018s. Phil 110: [The Examined Life](#) (Lebanon Valley College).
- 2017s. Phi 280: [American Philosophy: Pragmatism](#) (Kutztown University).
- 2017s. Phi 030: [Introduction to Philosophy](#) (Kutztown University).
- 2016f. Phi 235: [Topics in Moral Theory: Virtue Ethics](#) (Kutztown University).
- 2015s. Fwis 129: [Objectivity in Perception](#) (Rice University).
- 2014r. Phil 106: [Logic](#) (Rice University).
- 2011f. Phil 2306: [Introduction to Ethics](#) (Lone Star College).

* online course, s = spring/winter term, f = fall term, r = summer term

Awards

- 2021. Runner up, [Philosophy of Memory Essay Prize](#), Centre de Philosophie de la Mémoire (Centre for Philosophy of Memory), Université Grenoble Alpes. “Memory as sensory modality, perception as experience of the past”

2015. [Robert Alan and Kathryn Dunlevie Hayes Dissertation Completion Fellowship](#). Department of philosophy, Rice University.
2009. [Dr. Carlson R. Chambliss Academic Achievement Award](#) (Silver). Kutztown University of Pennsylvania.