

Alessandra BUCCELLA
Curriculum Vitae
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AOS: Philosophy of Mind, Philosophy of Cognitive (Neuro)Science.

AOC: Philosophy of Artificial Intelligence, General Philosophy of Science, Epistemology, Phenomenology.

Additional teaching competence and research interests: Feminist Philosophy, Philosophy of Sport, Existentialism, History of Psychology.

EMPLOYMENT

2021 – present Postdoctoral researcher, The Brain Institute, Chapman University

2020 – 2021 Visiting Assistant Professor, Philosophy Department, Wesleyan University

2020 Part-Time Instructor, Philosophy Department, University of Pittsburgh

EDUCATION

2020 PhD in Philosophy, University of Pittsburgh (USA).

Dissertation title: Perceptual Constancy.

Committee: Mazviita Chirimuuta (chair), Wayne Wu, Anil Gupta, Robert Brandom.

2019 Visiting scholar, Department of Philosophy, University of Cincinnati (USA).

2013 M.A. in Philosophical Sciences, Università degli Studi di Milano (Italy).

2013 M.A. in Analytic Philosophy, Universitat de Barcelona (Spain).

2011 B.A. in Philosophy, Università degli Studi di Milano (Italy).

PUBLICATIONS

Buccella, A. & Dominik, T. (2023, January).¹ Free Will is Only an Illusion if You Are, Too. *Scientific American*. <https://www.scientificamerican.com/article/free-will-is-only-an-illusion-if-you-are-too/>

Buccella, A. (2022). 'AI for all' is a matter of social justice. *AI and Ethics*.
<https://doi.org/10.1007/s43681-022-00222-z>

Buccella, A. & Springle, A. A. (2022).¹ Phenomenology: What's AI got to do with it? *Phenomenology and the Cognitive Sciences*. <https://doi.org/10.1007/s11097-022-09833-7>

¹ Authors are listed in alphabetical order. Both authors contributed equally to the work.

- Buccella, A.** (2022). Perceptual Science and the Nature of Perception. *Theoria. An International Journal for Theory, History and Foundations of Science*, 37(2), 149–162.
<https://doi.org/https://doi.org/10.1387/theoria.22650>
- Buccella, A.,** & Chemero, A. (2022). Reconsidering perceptual constancy. *Philosophical Psychology*, 1–15.
<https://doi.org/10.1080/09515089.2022.2038122>
- Buccella, A.** (2021). The problem of perceptual invariance. *Synthese*, 199,13883–13905.
<https://doi.org/10.1007/s11229-021-03402-2>
- Buccella, A.** (2021). Enactivism and the “problem” of perceptual presence. *Synthese*, 198(1), 159–173.
<https://doi.org/10.1007/s11229-020-02704-1>
- Buccella, A.** (2020). Olympians and Vampires - Talent, practice, and why most of us “don’t get it.” *Argumenta*, 7(2), 525-535. <https://doi.org/10.14275/2465-2334/20200.buc>
- Buccella, A.** (2017). Naturalizing Qualia. *Phenomenology and Mind*, 12 SE-Submitted Contributions.
https://doi.org/10.13128/Phe_Mi-21114
- Buccella, A.** (2014). Suoni. *Aphex – Portale Italiano di Filosofia Analitica (www.aphex.it)*, 9, 83-111.
- Buccella, A.** (2012). Music and Emotion. The Dispositional or Arousal theory. *Rivista Italiana di Filosofia Analitica Junior*, 3 (1), 19 – 36.

Forthcoming:

- “Shine of Bronze and Sound of Brass: The Relational Perceptual Constructs of Timbre and Gloss” (with Mazviita Chirimuuta). In A. Mroczko-Wąsowicz & R. Grush (eds.), *Sensory Individuals: Contemporary Perspectives on Modality-specific and Multimodal Perceptual Objects*. Oxford University Press. Expected publication: 2023.

Under review:

- “Practical Perceptual Representations: a Contemporary Defense of an Old Idea” (with Alison A. Springle)
- “Deep learning, adversarial examples, and Phenomenology” (with Alison A. Springle)

In progress:

- “Machine Learning, Reasons, and Trust” (with Uri Maoz & Erik Linstead)²
- “Minds, Brains, and Orders of Inference” (with Liad Mudrik & Uri Maoz)

INVITED CONTRIBUTIONS

- 2020** • “Perché la scienza merita la nostra fiducia”(review of *Why Trust Science?* By Naomi Oreskes). **Blog Post** for *Climalteranti*. URL: <https://www.climalteranti.it/2020/05/27/perche-la-scienza-merita-la-nostra-fiducia/>
- 2017** • “Integrating intentionality” (with Alison A. Springle), **Book symposium** on Carl Sachs,

² This is a broader research project for which we are in the process of applying for NSF funding. The project includes, but is not limited to, the publication of research articles and popular op eds.

Intentionality and the Myths of the Given. Philosophy Syndicate. URL:
<https://syndicate.network/symposia/philosophy/intentionality-and-the-myths-of-the-given/>

TALKS (selection)

Blind-reviewed:

- 2023** • "'AI for all' is a matter of social justice", APA Central division meeting, February 25th, Denver (CO).
- 2020** • "Constructivism, computation, and content", 10th European Congress of Analytic Philosophy (ECAP), Utrecht, The Netherlands. [conference moved online]
 - "Structural realism and the 'measurement analogy' in perceptual psychology", 71st meeting of the New Mexico Texas Philosophical Society, Waco, TX, USA. [conference cancelled]
- 2019** • "Perceptual constancy is dead, long live perceptual constancy!", Society for the Metaphysics of Science (SMS), November 7-9, Toronto, ON, Canada.
 - "Two approaches to Perceptual Constancy", Southern Society for Philosophy and Psychology (SSPP), March 7-9, Cincinnati, OH, USA.
- 2018** • "Olympians and Vampires – talent, practice, and why 'mortals' don't get it", European Society for Philosophy and Psychology (ESPP), September 10-13, Rijeka, Croatia.
 - "Perceptual constancy is dead, long live perceptual constancy!", Società Italiana di Filosofia Analitica (SIFA), September 4-7, Novara, Italy.
- 2017** • "How should we think about perceptual presence?", Philosophers' Forum Graduate Gateway Conference, April 27-28, St. Louis, MO, USA.
- 2016** • "Intentionality and Experience between Phenomenology and Enactivism", 2nd International Conference in Philosophy of Mind, September 21-22, Braga, Portugal.
 - "A new look at the intentionality of phenomenology", Pragmatism and the Brain Conference, June 2-4, Asheville, NC, USA.
- 2015** • "Thinking with the body", Northwest Philosophy Conference, October 9-10, Coeur D'Alene, ID, USA.

Invited:

- 2022** • "La capacità di intendere e di volere: cosa dicono le neuroscienze?", Professional training lecture for the Lawyers' Bar of Varese, Italy. (*in Italian*)
- 2021** • "Phenomenology: What's AI got to do with it?", Reassessing the Relationship between Explanation and Phenomenology hybrid workshop, Leipzig, October 4th-6th.
 - "Enactivism and the 'problem' of perceptual presence", CLEA Seminar Series, July 9th.
 - "Perceptual Science and the Nature of Perception", ENSO (ENActive Seminars Online) Seminar Series, May 6th.
- 2018** • "Perceptual Constancy is Dead, Long Live Perceptual Constancy!", University of Pittsburgh, Student-Faculty Colloquium Series, November 2nd.

COMMENTARIES

- 2021** • Comments on Andrea Kern's "Perceiving that p – Capacities, Opportunities and Hindrances", Perceptual Experience and Empirical Reason Conference, University of Pittsburgh, December 3rd-5th, online.
 - Comments on Madeleine Ransom's "Do high-level properties make a difference to perceptual phenomenology?", APA Pacific Division meeting, April 9th, online.
 - Comments on Jessica Williams's "Kant on Aesthetic Attention", APA Central Division meeting,

February 22nd, online.

- Comments on Michael Barkasi's "Does what we dream feel present? Two varieties of presence", APA Eastern Division meeting, January 15th, online.
- 2019**
- Comments on Ben Henke's "Responsibility and Epistemic Downgrade of Perception", Southern Society for Philosophy and Psychology (SSPP), Louisville, KY, USA. [conference postponed to December 2020]
 - Comments on Michael Anderson and Vicente Raja, "Behavior Considered as an Enabling Constraint", Neural Mechanisms Online (<https://www.neuralmechanisms.org/>).

POSTERS

- 2022**
- "Machine learning, reasons, and trust", Philosophy of Science Association meeting, November 10-13, Pittsburgh, PA, USA.
 - "Free Will: Easy or Hard Problem?", Annual Meeting of the Neurophilosophy of Free Will Consortium, March 11-14, Palms Springs, CA, USA.
- 2018**
- "Enactivism and Indeterminacy", Enactivism: Theory and Performance, March 15-17, Memphis, TN, USA.
 - "How should we think about perceptual presence?", American Philosophical Association (APA) – Eastern Division, January 3-6, Savannah, GA, USA.
- 2016**
- "Naturalizing Qualia", European Society of Philosophy and Psychology (ESPP), August 10-13, St. Andrews, UK.

MEDIA COVERAGE

- 2020**
- **APA Member interview**, blog of the American Philosophical Association. Published online on 11/27/2020. URL: <https://blog.apaonline.org/2020/11/27/apa-member-interview-alessandra-buccella/>
 - "Il clima filosofico", **interview** with Italian magazine *Vivere con Filosofia*, issue 4, Sprea editori.

GRANTS & AWARDS

- 2020 EU Mobilitas Plus postdoctoral researcher grant** for the project "A philosophical framework to understand perceptual objects as relational constructs", European Regional Development Fund & Estonian Research Council. [*declined due to timing conflict*].
- 2019 Connected Academics Fellowship**, Graduate Institute for the Engaged & Public Humanities, Georgetown University.
- 2018 Diversity award**, Society for Philosophy and Psychology (SPP).

TEACHING

Chapman University, USA

Spring 2022: Philosophy of Mind

Wesleyan University, USA

Spring 2021: Phenomenology & Existentialism
Philosophy of Perception

Fall 2020: Philosophy of Psychology
Bodies & Experiences (First Year Seminar)

University of Pittsburgh, USA

Summer 2020: Philosophy and Public Issues (online)

Spring 2020: Philosophy of Psychology

Summer 2018: Concepts of Human Nature

SERVICE

2023 Judge for the 2023 Southern California Regional High School Ethics Bowl, February 4th.

2021 Organizer and chair of “Teaching Sustainability” session, AAPT-APA *Teaching Hub* @ APA Eastern division meeting, January 8th, online.

2019 Undergraduate student mentor, Philosophy Department’s mentoring program for Philosophy Majors, University of Pittsburgh.

2018 Graduate student member of Faculty Search Committee (Metaphysics, Epistemology, Logic, Science), University of Pittsburgh.

2015 – 2017 Philosophy Department delegate, Graduate Student Organization (GSO), Dietrich School of Arts and Sciences, University of Pittsburgh.

Journal reviewer for *AI & Ethics*, *Mind*, *Review of Metaphysics*, *Review of Philosophy and Psychology*, *Philosophical Studies*, *Ergo*.

OTHER TRAINING & EXPERIENCE

2022 • Online course “**The Inclusive STEM Teaching Project**” (learning.edx.org) – Certificate of completion.

2020 – 2021 Member of the **Scientific Committee** of Italian Blog *Climalteranti* (<https://www.climalteranti.it/>).

2019 • Invited participant at **Gathering of Higher Ed Changemakers**, November 15-16, Wayfinding Academy, Portland, OR, USA.

• **Graduate Certificate in Engaged & Public Humanities**. Graduate Institute for the Engaged & Public Humanities, Georgetown University, Washington DC, USA.

2017 • **Achievement in Pedagogy badge**. University Center for Teaching and Learning, University of Pittsburgh. Concentrations: Pedagogy, Diversity, Educational Technology.

LANGUAGES

Italian (native language), English (excellent), Spanish (beginner).

REFERENCES

Uri Maoz

Assistant Professor of Computational Neuroscience and Psychology,
Institute for Interdisciplinary Brain and Behavioral Sciences, Chapman University (USA).
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Mazviita Chirimuuta

Senior Lecturer in Philosophy
School of Philosophy, Psychology and Language Sciences, University of Edinburgh (UK).
m.chirimuuta@ed.ac.uk

Liad Mudrik

Professor of Neuroscience

School of Psychological Sciences, Tel Aviv University (Israel).

mudrikli@tauex.tau.ac.il

Joseph Rouse (teaching reference)

Professor of Philosophy, Wesleyan University (USA).

jrouse@wesleyan.edu