

GABBRIELLE M JOHNSON

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EMPLOYMENT

Claremont McKenna College

2020- Assistant Professor, Philosophy

New York University

2019-20 Bersoff Faculty Fellow, Department of Philosophy, affiliated with the Center for Mind, Brain, and Consciousness

EDUCATION

University of California, Los Angeles

Ph.D. in Philosophy, March 2019

Dissertation: *Cognition and the Structure of Bias*

Committee: Sam Cumming and Gabe Greenberg (co-chairs), Tyler Burge, Josh Armstrong, and Susanna Siegel (external)

Ohio State University

B.A. in Philosophy, with honors, 2011

AREAS OF SPECIALIZATION

Philosophy of Psychology (esp. perception & social cognition), Philosophy of Mind, AI Ethics

AREAS OF COMPETENCE

Philosophy of Science, Philosophy of Technology, Philosophy of Language, Logic & Computation

ARTICLES IN REFEREED JOURNALS

“Are Algorithms Value-Free? Feminist Theoretical Virtues in Machine Learning” Forthcoming in *Journal of Moral Philosophy*

“Algorithmic Bias: On the Implicit Biases of Social Technology.” *Synthese* (2021) 198, pp. 9941-9961 (June 20, 2020, online first) <https://doi.org/10.1007/s11229-020-02696-y>

“The Structure of Bias.” *Mind* (2020) 129: 516, pp. 1193-1236 (May 20, 2020, online first) <https://doi.org/10.1093/mind/fzaa011>

CHAPTERS IN BOOKS

“Unconscious Perception and Unconscious Bias: Parallel Debates About Unconscious Content”
In *Oxford Studies in Philosophy of Mind*, vol. 3, Ed. Uriah Kriegel. OUP. 2023. Pp. 87-130

“The Psychology of Bias: From Data to Theory.” In *An Introduction to Implicit Bias: Knowledge, Justice, and the Social Mind*, Ed. Erin Beeghly and Alex Madva. Routledge, 2020. pp. 20-40

MANUSCRIPTS IN PREPARATION

“What Bias Explains” Invited Perspective piece for *WIREs Cognitive Science*

“The (Dis)Unity of Psychological (Social) Bias” Revise and Resubmit at *Philosophical Psychology*

“Uncanny Performance, Divergent Competence: Biases as Principled Barriers to Human-Machine Communication” Co-Authoring with Gabriel Dupre. Provisionally Forthcoming in *Communication with AI: Philosophical Perspectives*, edited by Rachel Sterken and Herman Cappelen. OUP.

“The Hard Proxy Problem: proxies aren’t intentional, they’re intentional” MS under review

“Varieties of Bias” MS under review

Bias in Balance: Achieving Fairness while Overcoming Uncertainty, book MS in progress

PRESENTATIONS († indicates refereed)

“What Bias Explains”

Departmental Colloquium, Carleton College, Oct. 2023

“Proxies Aren’t Intentional, They’re Intentional”

Departmental Colloquium, Union College, Oct. 2023

St. John’s Philosophy Society, University of Cambridge, Oct. 2023

Penn-Georgetown Digital Ethics Workshop, Georgetown University, March 2023

Centre for Philosophical Psychology and European Network for Sensory Research, University of Antwerp, March 2023

University of California, San Diego, Speaker Series, Feb. 2023

Ranch Metaphysics Workshop, January 2023

Washington University in St. Louis, Department Colloquium, Dec. 2022

Stanford University, “Algorithms and Workplace Justice”, Sept. 2022

University of California, Irvine, “Values, Fairness and Machine Learning,” June, 2022

University of Texas at Austin, MindWork Seminar Series, Nov. 2021

Mind, Language, and Social Change, Knoll Farm (Waitsfield, VT), Aug. 2021

Pacific APA Session “Algorithmic Bias in Decision and Policy Making”, April 2021

Cognitive Science Speaker Series, York University, March 2021

University of Virginia Law, Legal Theory Workshop, March 2021

Cambridge University, Mental Sciences Works in Progress Group, Feb. 2021

University of Surrey, Surrey Centre for Law and Philosophy, Jan. 2021

University of Copenhagen, Workshop on Algorithmic Fairness, Nov. 2020

Intentionality in AI, New York University, Feb. 2020

“The (Dis)Unity of Psychological (Social) Bias”

Social Identities and Cognition in the Desert, University of California, Irvine, Feb. 2023

CPA Symposium “Perceptual Bias, May 2021

CUNY, Cognitive Science Speaker Series, Oct. 2020

“Are Implicit Biases Implicit Biases?”

The Society for Personality and Social Psychology (SPSP), Symposium *Awareness of Implicit Bias: New Developments, Controversies, and Ways Forward* Feb. 2023 †

Washington University in St. Louis, Mind and Perception Group, Dec. 2022

COVID Summer of Consciousness Series, Organized by Uriah Kriegel, Aug. 2020

Departmental Colloquium Talk, CUNY John Jay College, March 2020

- Cognitive Science Speaker Series, York University, March 2020 (postponed due to COVID)
- “Philosophy of Psychology for Machine Learning”
ACM Fairness, Accountability, and Transparency (FAccT) Conference, June 2022
- “Uncanny Performance, Divergent Competence” (with Gabe Dupre)
University of Oslo, “Communicating with AI Workshop”, June 2022
- “Thinking Outside the Black Box: the vertical proxy problem of AI” (with Katie Elliott)
Pacific APA Session “Attention and Vigilance”, April 2022
Machine Wisdom Workshop, University of Pittsburgh HPS, May 2021 (canceled)
- “The Nature of Bias”
Southern Society for Philosophy and Psychology (SSPP), March 2022
- “Are Algorithms Value-Free?: Feminist Theoretical Virtues in Machine Learning”
previously: “Canons of Algorithmic Inference”
Vera Institute of Social Justice, Brownbag Research Series, Oct. 2021
Washington University in St. Louis, Ethics and Epistemology Group, Dec. 2020
Lafayette College, The Ethics of Algorithms Workshop, Oct. 2020
Ethics and Machine Intelligence, Australian National University, Aug. 2019
New Directions in AI Ethics, Stanford HAI, Stanford University, Oct. 2019
Departmental Colloquium Talk, Lewis and Clark College, Nov. 2019
Ethics of Algorithmic Decision-Making, Princeton University, Nov. 2019
- “Algorithmic Bias”
Vancouver Summer Philosophy Conference VSPC, Aug. 2018 †
Athena in Action, Princeton University, June 2018 †
Philosophy of Machine Learning: Knowledge and Causality, UC-Irvine, March 2018 †
Bias in Context 4, University of Utah, Oct. 2017 †
UCLA Presentation for Prospective Students, March 2017
- “Against Representationalism About Bias”
2nd California Philosophy Workshop, Oct. 2018
How Implicit is Implicit Bias, University of Antwerp, May 2018 †
- “The Structure of Implicit Bias”
Eastern APA Poster Session (canceled due to weather), Jan. 2018 †
- “Against Transparency”
NEH Summer Institute, Presupposition and Perception, Cornell, June 2016 †
- Invited Comments
Thomas Kelly’s *Bias: A Philosophical Study*, Princeton Book Symposium, expected April 2024
Judith Fan’s “Discovering Abstractions that Bridge Perception, Action, and Communication”, Semantics, Language, Information, Meaning, and Expression (SLIME2), May 2023

Ravit Dotan's "What Can We Learn About Accuracy From ML?", Eastern APA, Jan. 2021
Sina Fazelpour's "Algorithmic Fairness from Non-ideal Perspectives", Eastern APA, Jan. 2021
Grace Helton's "Doxastic Theory of Perception", Eastern APA, Jan. 2020

Invited Panelist

Plenary Session on AI and Social Justice, 7th Public Philosophy Network, UCSC, Sep. 2023
Machine Wisdom Workshop, University of Pittsburgh HPS, May 2021
National Archives and Records Administration (NARA)'s workshop on
"Ensuring Scholarly Access to Digital Records", April 2021
CMC Financial Economics Institute, *Algorithmic Bias: The New Form of Discrimination*
The Helix Center, Roundtable for Ethics & AI

Upcoming Talks

AI and Humanity Speaker Series, The University of Hong Kong, Spring 2024
Keynote Speaker, *Prediction and Punishment: Cross-Disciplinary Workshop on Carceral AI*,
Center for Philosophy of Science, University of Pittsburgh, Spring 2024

TEACHING

Primary Instructor

Philosophy of Language, CMC, Fall 2022
Philosophy of Mind, CMC, Fall 2021, Spring 2022
Intro to Philosophy: Science, Technology, and Human Values, CMC, Fall 2020, 21, Spring 2021, 22
The Nature of Bias, Advanced Seminar in Philosophy, CMC, Spring 2021, 23
Philosophy of Mind, NYU, Spring 2020
Central Problems in Philosophy, NYU, Fall 2019
Philosophy of Social Science, UCLA, Spring 2019
Philosophy of Psychology, UCLA, Summer 2018
Teaching College Philosophy, UCLA, Fall 2017, 2016
Introduction to Philosophy of Mind, UCLA, Summer 2017
Introduction to Philosophy of Science, UCLA, Summer 2015

Teaching Outreach

Humanities Lab Supervisor, *Gould Center for Humanistic Studies* at CMC, 2021–2022
What is Love?, Monthly Seminar Series, Los Angeles LGBT Youth Education Center, Summer 2017
Believing is Seeing, Monthly Seminar Series, Los Angeles LGBT Youth Education Center, Fall 2017
Why be good?, Monthly Seminar Series, Los Angeles LGBT Youth Education Center, Winter 2018

AWARDS & HONORS

Faculty Career Mentor Recognition of Impact Award, CMC, 2023
Awarded annually to faculty nominated by graduating seniors
Eleventh Annual Essay Prize at the Centre for Philosophical Psychology, University of
Antwerp, on the topic of perceptual and cognitive biases
Rudolf and Ina Carnap Annual Essay Prize for Excellence in Writing, UCLA, 2018
Awarded annually to one graduate student in philosophy for excellence in writing.

University Distinguished Teaching Award, UCLA, 2017

Competitive university award given annually to five teaching assistants university wide.

Annual Departmental Teaching Award, UCLA, 2017

Awarded annually in recognition of excellent teaching by a graduate student.

Robert M. Yost Prize for Excellence in Teaching, UCLA, 2015

Awarded annually for excellent performance as a teaching assistant.

FELLOWSHIPS & GRANTS

Conference Grant (\$15,000), CMC Gould Center for the Humanities, 2022

Faculty Research Grant (\$4,500), CMC Faculty Research Council, 2022

University Dissertation Year Fellowship, UCLA, Sept. 2017-Dec. 2018

Selected for the National Endowment for the Humanities (NEH) Summer Institute, Perception and
Presupposition, (1 of 3 graduate attendees), Summer 2016

Mellon Foundation Pre-dissertation Fellowship, UCLA. Summer 2016

Graduate Research Mentorship Fellowship, UCLA, Sept. 2015-June 2016

Graduate Summer Research Mentorship Grant, UCLA, Summer 2014

Mellon Foundation Pre-dissertation Fellowship, UCLA, Summer 2013

University Fellowship, UCLA, Sept. 2012-June 2013

CONFERENCES ORGANIZED

Co-organizer, The Nature of Bias, CMC, April 2023

Program Committee Member, “Values in Science and Political Philosophy”, CMC, March 2022

Program Committee Member, AAAI/ACM Conference on Artificial Intelligence, Ethics, and
Society (AIES), Spring 2021, 22

Co-organizer, Iconicity Conference, UCLA, Spring 2015

Co-organizer, MAP SoCal Conference on Philosophy and Inclusive Pedagogy, Spring 2015

INSTITUTIONAL SERVICE

Collegiate ChatGPT Working Group, CMC 2023

Departmental Colloquium Director, CMC 2022-23

Academic Standards Committee, CMC 2022-23

Integrated Sciences Advisory Group, CMC, 2021-22, 22-23

Institutional Review Board, CMC, 2022-23

Departmental Student Outreach Coordinator, CMC, 2021-22

Computer Science/Data Science Curriculum Committee, CMC, 2021-22

National Awards Rhodes Scholar Mock Interview, CMC, Nov. 2021

Data Ethics Component Visiting Instructor, Data Science Capstone, CMC 2020-21, 22-23

Co-organizer, Panel on *Algorithmic Bias: The New Form of Discrimination*, CMC 2021

Departmental Visiting Teaching Assistant Coordinator, UCLA, 2017-18

Departmental Teaching Assistant Coordinator, UCLA, 2016-17

Co-founder and Lead Organizer, UCLA Mind and Language Workshop, 2015-17

Co-organizer and Chair, Minorities and Philosophy (MAP) Conference, UCLA Winter 2017

Chair, UCLA Intentional Signs Conference, Spring 2016

Philosophy Graduate Student Representative, UCLA, 2014-15

Research Assistant for Seana Shiffrin, summarizing research materials and copyediting 2014–18
Co-founder Minorities and Philosophy (MAP), UCLA Chapter, 2014–15
Philosophy Graduate Student Social Coordinator, UCLA, 2013–14

PROFESSIONAL SERVICE

Expert Reviewer, National Science Foundation, STS Program, Spring 2021
Co-founder, Los Angeles *Corrupt the Youth* chapter & LGBT outreach program, Spring 2017
Panelist, MAP SoCal Conference on Inclusive Pedagogy, Spring 2015
Referee, *Analysis*, *Australasian Journal of Philosophy*, *Cognitive Science*, *Inquiry*, *Journal of Social Philosophy*, *Mind and Language*, *Noûs*, *Philosophers' Imprint*, *Philosophical Compass*, *Philosophy & Technology*, *Philosophical Psychology*, *Philosophical Review*, *Philosophical Studies*, *Synthese*, and *Thought*

REFERENCES

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