

DAVID MWAKIMA

Curriculum Vitae

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CONTACT

Department of Logic and Philosophy of Science
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AREAS OF SPECIALTY

Philosophy of Statistics, Philosophy of Science, History of Analytic Philosophy (Russell)

AREAS OF COMPETENCE

Early Modern Philosophy (Berkeley, Kant)

EDUCATION

Ph. D. Candidate in Philosophy University of California, Irvine
Expected Spring 2024

Dissertation: *Probative Foundations for Bayesian Statistics*

Committee: James O. Weatherall (Chair), Simon Huttegger, P. Kyle Stanford, Jeffrey N. Rouder, Samuel C. Fletcher

M.Sc. Statistics University of California, Irvine
Expected Winter 2024

M.A. Philosophy University of California, Irvine
December 2021

A.B. Philosophy (Hons.); Secondary Field: Mathematical Sciences Harvard College
May 2017

Honors Senior Thesis: *Berkeley's Argument for Immaterialism*

Anat Schechtman (Supervisor), Alison Simmons (Reader/Examiner), Jacob Rosen
(Reader/Examiner)

PAPERS AND WORK IN PROGRESS

W₅. "On the Scope of the Likelihood Principle" work in progress

W₄. "Why Calibrate Bayes Factors?" work in progress

W₃. "On the Quality of Perrin's Evidence" submitted to *Studies in History and Philosophy of Science*

W₂. "Russell, Direct Realism, and General Names" draft available

- WI. “Berkeley, Ancient Geometry and Infinite Divisibility” under review for *Archiv für Geschichte der Philosophie*

INVITED TALKS AND PRESENTATIONS

- TII. “On the Scope of the Likelihood Principle” a presentation for the UC Irvine Statistics Department Brown Bag Talk Series in Donald Bren Hall Room 2011 on 02/29/2024.
- TIO. “On the Quality of Perrin’s Evidence” a paper I was invited to present during the Conceptual and Mathematical Foundations of Science Workshop at University of California, Irvine on 11/04/2023.
- T9. “ChatGPT and Truth” a presentation for the Strathmore Center for Teaching Excellence’s 74th Coffee in One Gulp Session at Strathmore University, Nairobi on 08/14/2023.
- T8. “On the Quality of Perrin’s Evidence” a paper I was invited to present during the 7th International Mathematics Conference at Strathmore University, Nairobi on 07/07/2023.
- T7. “Probative Foundations for Bayesian Statistics” work in progress presentation at The Structure in Perception and Cognition Lab Department of Cognitive Science, University of California, Irvine on 03/28/2023.
- T6. “Berkeley on Infinite Divisibility” a paper I was invited to present during the 2020 Western E-vent in Early Modern Philosophy on 06/06/2020. This virtual conference was co-organized by the Ohio State University and The University of Western Ontario in an effort to give those invited to the May 2020 workshop (below) a chance to present their work.
- T5. “Berkeley on Infinite Divisibility” a paper I was invited to present during the 2020 Ohio State University Berkeley Workshop on 05/01/2020 – 05/02/2020. This workshop was cancelled due to the corona-virus pandemic.
- T4. “On Essential Guidance in Foundations of Mathematics” a paper I presented during the 2020 Logic Seminar at the C-ALPHA University of California, Irvine on 04/22/2020.
- T3. “What is Berkeley’s Master Argument?” a talk given during the International Berkeley Society 2020 meeting at the American Philosophical Association (APA) Eastern Conference on 01/09/2020 in Philadelphia.
- T2. “Is Geometry Analytic?” a talk given for *Dianoia: The Boston College Undergraduate Journal of Philosophy* on 04/25/2017 in Gasson Hall Boston College.
- T1. “Berkeley’s Immaterialism” a talk given for the Harvard Review of Philosophy on 03/22/2017 in Emerson Hall 106 Harvard University.

AWARDS, GRANTS, FELLOWSHIPS AND HONORS

- G7. Visiting Research Fellow at the Strathmore Institute of Mathematical Sciences
Strathmore University, Nairobi (\$2400) *Summer 2023*

- G6. Inaugural UROP¹ Research Discovery Program Mentor (\$1500) *Winter – Spring 2022*
 G5. Graduate Student Researcher Level VIII in the *New Directions in Philosophy of Cosmology* Project (\$6671.13) *Jan 2021 – March 2021*
 G4. School of Social Sciences Instructional Fellow (\$2500) *Summer 2020*
 G3. DECADE² Student Travel Award (\$500) *January 2020*
 G2. DECADE Leadership Coach (\$7200) *Fall 2019 – June 2021*
 G1. Social Science Merit Fellowship *September 2018 – Present*

TEACHING EXPERIENCE

As Instructor of Record

Phil/LPS 31: Introduction to Inductive Logic

As Teaching Assistant

Anthro-Socio 10c: Probability and Statistics III

Anthro-Socio 10b: Probability and Statistics II

Anthro-Socio 10a: Probability and Statistics I

Econ 15b: Probability and Statistics II

Econ 15a: Probability and Statistics I

Phil/LPS 31: Introduction to Inductive Logic

Phil/LPS 29: Logic and Critical Reasoning

SERVICE

2022

Member of the Representation, Recruitment and Outreach to Black Students Working Group of UCI End Racism Initiative, 2020 – 2022

Undergraduate Research Opportunities (UROP) Mentor, Winter 2022 – Spring 2022

Member of LPS Climate Committee

2021

DECADE PLUS Leadership Coach, August 2019 – June 2021

DECADE Representative for the Department of Logic and Philosophy of Science serving on the Social Committee (AY 2020 – 2021 & AY 2021 – 2022)

Member of LPS Climate Steering Committee (AY 2020 – 2021)

LPS Work in Progress Seminar Coordinator (AY 2020 – 2021)

2020

Wonder Philosophy Program Facilitator at the University of California, Irvine, 2020

Participant, by invitation, in the Focus Group for developing the New Management Certificate Program for UCI Graduate Students (11th March 2020)

¹ Undergraduate Research Opportunities

² Diverse Educational Community and Doctoral Experience

2019

Associated Graduate Students (AGS) Council Member representing the School of Social Sciences (AY 2019 – 2020)

Wonder Philosophy Program Facilitator at the University of California, Irvine, 2019

2018

Logic and Philosophy of Science Department Movie Night Organizer (AY 2018 – 2019)

PROFESSIONAL DEVELOPMENT

2023

Ongoing Participant in the UCI Department of Physics RQFT (Race, Queer and Feminist Theory) Reading and Discussion Group.

2022

Designing an Engaging and Visually Appealing Canvas Course Space 01/22/2022

2021

UCI Graduate Division Conflict Resolution in the Workplace Training on 03/11/2021.
California Conference for Equality and Justice (CCEJ) Training on Facilitating Restorative Dialogues. 03/08/2021

2020

Achieving Racial Equity in Postsecondary Education: Implications for the Social Sciences workshop by Dr. Harris 12/09/2020

LPS Microaggressions and Bystander Intervention Training 12/11/2020

Course Design Certificate Program

TA Diversity Training Workshop at University of California, Irvine (Spring 2020)

2019

Teaching and Learning in Philosophy UCI Graduate Student Workshop

Addressing Incivility in the Classroom: Effective Strategies for Faculty & Chairs

Summer Training for Leadership Coaches

Pedagogy Reading Group Participant

Mentoring Excellence Program

Breaking the Bias Habit Workshop Participant at the University of California, Irvine (Spring 2019)

2018

Teaching Assistant Professional Development Program (TAPDP)

PROFESSIONAL AFFILIATIONS

Philosophy of Science Association (PSA)

American Philosophical Association (APA)
International Berkeley Society
Association of Symbolic Logic (ASL)