

Mahmoud T. Jalloh

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dimensionspace.io

ACADEMIC APPOINTMENTS

St. John's College
Teaching Fellow

Santa Fe, NM
Start July 2023

EDUCATION

University of Southern California
PhD in Philosophy

Los Angeles, CA
August 2023

- **Dissertation:** *Dimensional Analysis: Essays on the Metaphysics and Epistemology of Quantities*
- **Committee:** Porter Williams, Jeff Russell, Alexis Wellwood, James Van Cleve, Barry Schein

Northeastern University
B.S. in Physics and Philosophy

Boston, MA
May 2017

AREAS OF SPECIALIZATION AND COMPETENCE

AOS: History and Philosophy of Physical and Mathematical Sciences; Metaphysics

AOC: History of Philosophy (Wittgenstein, Early Modern, Phenomenology); Philosophy of Mind

PEER REVIEWED ARTICLES

(IN ORDER OF ACCEPTANCE)

Theoria. An Interational Journal for Theory, History, and Foundations of Science Vol. 38, No. 2
"The Nature of the Physical and the Meaning of Physicalism" October 2023

Oxford Studies in Metaphysics Forthcoming
"The II-Theorem as a Guide to Quantity Symmetries and the Argument Against Absolutism"

- Runner-up for the Marc Sanders Prize in Metaphysics

BOOK REVIEWS & CONFERENCE PROCEEDINGS

Phenomenological Reviews Lausanne, CH
Phenomenological Approaches to Physics, H. Wiltsche and P. Berghofer (eds.) January 2021

Contributions to the 41st International Wittgenstein Symposium Kirchberg am Wechsel, AT
"Reversing the Consequence Argument" August 2018

PUBLIC WRITING

Griffith Observer Los Angeles, CA
"Hubble and Huxley: Patriot and Pacifist, Hollywood Stars, Seers of Nebulae" September 2023

- Joan and Arnold Seidel Science Writing Contest: Honorable Mention

TEACHING EXPERIENCE

St. John's College Santa Fe, NM
Tutor (Primary Instructor) 2023-2024

- Freshman Laboratory (Aristotle, Goethe, Harvey, Dalton, Fahrenheit, Fourier, etc.)
- Freshman Seminar [Co-Taught] (Ancient Greek Philosophy and Culture)

University of Southern California Los Angeles, CA
Teaching Assistant 2018-2021

- Science, Knowledge and Objectivity
- Philosophy, Politics, and Economics in Europe: From the Renaissance to the Enlightenment
- Ideas on Trial (Socrates, Joan of Arc, Salem, Galileo, Scopes, Nuremburg, Eichmann)
- The Meaning of Life

Johns Hopkins University, Center for Talented Youth Los Angeles, CA
Teaching Assistant June-July 2018

- Logic and Reasoning

Northeastern University

Writing Center Consultant

Teaching Assistant

- Introduction to Logic
- Ethics and Emerging Technology

Boston, MA

2015-2017

2015-2016

AWARDS AND GRANTS

American Institute of Physics, Center for History of Physics	College Park, MD
Grant-in-Aid (Project: Modeling and Metaphysics with Dimensional Analysis)	2022
University of Southern California	Los Angeles, CA
Ralph and Jean Hovel Memorial Summer Travel Award	Summer 2022
Ralph and Francine Flewelling Fellowship	Summer 2021
National Science Foundation	Alexandria, VA
Graduate Research Fellowship: Honorable Mention	Spring 2018

REFEREED PRESENTATIONS

The Gravitational Constant, from the Local to the Universal	St. Andrews, SCT
“Dynamical Symmetries and the Values of the Constants: A Historical Episode”	April 2023
Integrated History and Philosophy of Science 9	Columbia, SC
“Metaphysics and Convention in Dimensional Analysis, 1914-1917”	March 2023
Euro-American Migration and the Development of Postwar Philosophy	Tilburg, NL
“The Roots of Operationalism in Dimensional Analysis”	August 2022
Measurement at the Crossroads: Measuring and Modeling	Milan, IT
“Measurement Dimensions: On the Common Quantity Assumption”	July 2022
Conference of the International Society for the History of Philosophy of Science	Irvine, CA
“The Foundations of Dimensional Analysis and the Metaphysics of Quantity Dimensions”	June 2022
2nd Young Scholars Pragmatism Conference: Inquiry, Science, Truth	Cambridge, UK
“Scientific Polysemy, Semantic Detoxification, and Sophisticated Operationalism”	October 2021
31st Novembertagung, Axiomatics: Ancient and Contemporary Perspectives	Berlin, DE
“Wilson’s ‘Semantic Detoxification’ and Conceptual Change as Axiomatic Change”	November 2020
41st International Wittgenstein Symposium	Kirchberg am Weschel, AT
“Reversing the Consequence Argument”	August 2018

INVITED PRESENTATIONS & COMMENTARY

University of New Mexico, Philosophy Department	Albuquerque, NM
“The Constants of Nature”	November 2023
Society for the Metaphysics of Science[†]	Halifax, CAN
“Against Quantity Primitivism” by Zee Perry	August 2023
USC-Shandong Conference[†]	Los Angeles, CA
“Completeness and Abstraction in Mechanistic Explanation” by Ning Shao	November 2022
SoCal Metaphysics Network Graduate Workshop	Irvine, CA
“Structuralism in the <i>Tractatus</i> : Dissolving the Wellfoundedness Problem”	April 2022
SoCal Philosophy of Physics Group	Irvine, CA
“The II-Theorem as a Guide to Quantity Symmetries and the Argument Against Absolutism”	April 2022
9th Annual Conference of the SSHAP	Vienna, AT
“Structuralism in the <i>Tractatus</i> ” (Part of a symposium on Representation in the <i>Tractatus</i>)	July 2021
Meeting of the Eastern Division of the APA[†]	Philadelphia, PA
“The Hole Argument Against Everything” by Joshua Norton	January 2020

USC-UCLA Graduate Student Conference[†]

“From Fixity of the Past to Fixity of the Independent” by Andrew Law

Los Angeles, CA

March 2018

[†] indicates commentary as opposed to independent material.

SERVICE

Panelist: Rutgers Summer Institute for Diversity in Philosophy 2021
Organizer: USC/UCLA Graduate Conference 2020
Chair: PSA 2022; Pacific APA 2022; USC/UCLA Graduate Conference 2021
Conference Referee: USC/UCLA Graduate Conference 2018-2023; NASSLLI 2022
Journal Referee: *Ratio, Philosophy of Science, Cambridge Elements in the Philosophy of Physics*
Undergraduate Advising: 1 senior @ USC (2022-2023); 1 freshman @ SJC (2023-2024)

ADDITIONAL EDUCATION

Max Planck Institute for Mathematics in the Sciences	Leipzig, DE
Summer School on the History of Space in Mathematics and Physics	July 2023
Rutgers Center for the Philosophy of Religion	New Brunswick, NJ
God and Fine-Tuning Summer School	July 2023
University of Wuppertal	Wuppertal, DE
<i>Particle Physics at the Crossroads</i> , Epistemology of the LHC	July 2018
University of Split	Split, HR
<i>The Chimera of Entropy</i> , Seventh Philosophy and Physics Summer School	July 2018
Ludwig Maximilians Universität, Munich Center for Mathematical Philosophy	Munich, DE
Visiting Student	Fall 2016
Harvard University	Cambridge, MA
Leadership Alliance/Mellon Fellow	Summer 2015