

ELLIOTT D. CHEN

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Areas of Specialty

History of Philosophy of Science, Philosophy of Physics

Areas of Competence

Early Modern Philosophy, Kant, Ancient Philosophy, Metaphysics, Logic

Appointments

Assistant Professor, Department of Philosophy
Xavier University, August 2022 - present

Postdoctoral Fellow, Extending New Narratives in the History of Philosophy,
Western University (University of Western Ontario), October 2021 - June 2022

Visiting Graduate Student Fellow, *Minnesota Center for Philosophy of Science*,
University of Minnesota, Twin Cities, under supervision of Samuel Fletcher,
Fall 2019

Education

Ph.D. Philosophy (LPS), *University of California, Irvine*, September 2021
Dissertation: "On Metaphysical Foundations of Physics: Body, Laws of Motion, and Essential Gravity"; committee: James Weatherall (UCI, chair), Jeremy Heis (UCI), Chris Smeenk (UWO)

M.A. Philosophy (LPS), *University of California, Irvine*, September 2019

B.A. Liberal Arts, *St. John's College, Santa Fe*, May 2014
Thesis: "The Ontology of Time: Seeing the Dialogue within Aristotle's *Physics*"
Advisor: Michael Golluber (SJC)

Publications

"Newton's early metaphysics of body: Impenetrability, action at a distance, and essential gravity." *Studies in History and Philosophy of Science Part B* (2020).

“Imaging a nuclear reactor using cosmic ray muons,” with Perry, J. et al. *J. Appl. Phys.* 113, 184909 (2013).

“Obtaining material identification with cosmic ray radiography,” with Morris, C. L. et al. *AIP Advances* 2, 042128 (2012).

Papers Under Review

“Newtonian Gravitation in Maxwell Spacetime” (Revise and Resubmit, Studies in History and Philosophy of Science).

Working Papers

“The Enchanted Palace Founded on Attraction: Du Châtelet on Essential Gravity.”

“Kant’s Metaphysical Principles for the Construction of Natural Philosophy.”

Presentations

Contributed Talks

“The Enchanted Palace Founded on Attraction: Du Châtelet on Essential Gravity.” The 14th Biennial Congress of the International Society for the History of Philosophy of Science, Irvine. June 2022.

“The Enchanted Palace Founded on Attraction: Du Châtelet on Essential Gravity.” Xavier University. January 2022.

“Newton’s Early Metaphysics of Body: Impenetrability, Action at a Distance, and Essential Gravity.” The 13th Biennial Congress of the International Society for the History of Philosophy of Science, Singapore. June 2020. (COVID-19 cancellation.)

“Newton’s Early Metaphysics of Body: On the Notion of Impenetrability,” Philosophy of Logic, Mathematics, and Physics Graduate Conference. June 2019.

“Newtonian Gravitation in Maxwell Spacetime,” 19th UK/EU Conference on Foundations of Physics, Utrecht, Netherlands. July 2018.

Awards, Grants, and Certificates

Summer Teaching Apprenticeship Program Fellow, UCI, September 2020

2020 Summer Remote Teaching Institute for Grads and Postdocs Certificate,

UCI, August 2020

Graduate Student Researcher for the John Templeton Foundation Grant “New Directions in Philosophy of Cosmology,” Principal Investigators: Chris Smeenk and James Weatherall, Summer 2018, Fall 2019, Summer 2020, Winter 2021

Associate Dean Fellowship, UCI, Fall 2018, Winter 2019

Social Science Merit Fellowship, UCI, Fall 2015 – Summer 2021

Faculty Award for Sustained Academic Excellence, SJC, May 2014

Teaching Experience

Primary Instructor (Xavier University)

Ethics as Intro to Philosophy: Plato's *Republic*. Fall 2022.

Primary Instructor (University of California, Irvine)

Critical Reasoning. Spring 2021.

Making Modern Science. Summer 2020.

Guest Instructor (University of California, Los Angeles)

Philosophy of Science. "Historical Case Studies and a Case for History in the Philosophy of Science." Dec 2, 2021.

Teaching Assistant (University of California, Irvine)

Causal Reasoning. Fall 2020.

Introduction to Cultural Anthropology. Spring 2020.

Making Modern Science. Summer 2019.

The Good Life. Spring 2016; Spring 2017; Spring 2019.

Statistics for Social Sciences (3 quarters). Fall 2017; Winter 2018; Spring 2018.

Critical Reasoning. Winter 2016; Fall 2016.

Teaching and Laboratory Assistant (St. John's College)

Senior Lab (Co-Head). Summer 2013 – Spring 2014.

Junior Lab. Fall 2012 – Spring 2013.

Freshman Lab. Fall 2011 – Spring 2012.

Service

PSA Women's Caucus Prize Committee Member, 28th Biennial Meeting of the Philosophy of Science Association, 2022.

Session Chair, 27th Biennial Meeting of the Philosophy of Science Association, "Deflationary Realism," Baltimore, 2020/2021.

DECADE Department Representative, Diverse Educational Community and Doctoral Experience (DECADE) Program, UCI, September 2017 – September 2021.

WONDER Summer Workshop Co-Organizer, Spring 2021 – Summer 2021.

Work in Progress Talk Coordinator, Department of Logic and Philosophy of Science, UCI, Fall 2017 – Spring 2018.

Journal Referee: *Philosophy of Science*.

Languages

English (fluent); **French, Greek, Italian** (reading comprehension); **Spanish** (conversational); **German, Latin** (developing reading skills)

References

Academic

James Weatherall, Professor
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Teaching

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