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EDUCATION

UNIVERSITY OF TORONTO

PHD HISTORY AND PHILOSOPHY OF SCIENCE (IN PROGRESS)

ADVISER: [JOSEPH BERKOVITZ](#)

UNIVERSITY OF UTAH

MS. PHILOSOPHY (2016)

ADVISER: [JACOB STEGENGA](#)

UNIVERSITY OF NORTH FLORIDA

BA PHILOSOPHY (ADVANCED STUDIES) (2011)

(MINORS: ECONOMICS, AND POLITICAL SCIENCE)

AREAS OF SPECIALTY

LOGIC

PHILOSOPHY OF SCIENCE

EPISTEMOLOGY

DECISION THEORY

PHILOSOPHY OF PROBABILITY

AREAS OF COMPETENCE

ETHICS

SCIENCE AND VALUES

PHILOSOPHY OF THE SOCIAL SCIENCES

HISTORY OF SCIENTIFIC METHOD

PUBLISHED PAPERS

"THE INTERGOVERNMENTAL PANEL ON CLIMATE CHANGE AND THE LINEAR
MODEL OF SCIENCE ADVICE" *CLIMATIC CHANGE* (FORTHCOMING 2026)

"TRUTH AS THE END OF AN ENDLESS PROCESS OF INQUIRY: A RESTATEMENT AND DEFENCE" *ORGANON F* (FORTHCOMING 2026)

"EVIDENCE-BASED MEDICINE AS A SCHOOL OF THOUGHT" *PHILOSOPHY OF THE SOCIAL SCIENCES* (FORTHCOMING 2025)

"THE ORGANISATION OF JOURNALISTIC INQUIRY: LESSONS FROM BELLINGCAT" *COMMUNIQUE* (2022)

"ABSOLUTE MEASURES OF EFFECTIVENESS" (CO-AUTHOR JACOB STEGENGA) IN *MEASUREMENT IN MEDICINE: ESSAYS IN ASSESSMENT AND EVALUATION* (ROWMAN & LITTLEFIELD) (2017)

PRESENTED PAPERS

"OPEN SCIENCE AND TRUTH AS THE END OF INQUIRY" BRITISH SOCIETY FOR THE PHILOSOPHY OF SCIENCE ANNUAL CONFERENCE (2023)

"THE CLIMATE CASINO: EMPLOYING BETTING MARKETS TO QUANTIFY UNCERTAINTY IN THE IPCC REPORT FRAMEWORK" CANADIAN SOCIETY FOR THE HISTORY AND PHILOSOPHY OF SCIENCE ANNUAL CONFERENCE (2022)

"IN DEFENCE OF THE VALUE-FREE IDEAL OF SCIENCE" BRITISH SOCIETY FOR THE PHILOSOPHY OF SCIENCE ANNUAL CONFERENCE (2021)

"THE ODDSMAKER VIEW OF SCIENCE: LESSONS FROM COVID-19 MODELLING" PHILOSOPHICAL PERSPECTIVES ON COVID-19 SCIENCE – UNIVERSITY OF DURHAM (UK) & UNIVERSITY OF JOHANNESBURG (SOUTH AFRICA) (2021)

"PROBABILISING POPPER: BAYESIAN PROBABILISM AS A NATURE EXTENSION OF FALSIFICATIONISM" CANADIAN SOCIETY FOR THE HISTORY AND PHILOSOPHY OF SCIENCE ANNUAL CONFERENCE (2021)

"STATISTICAL DECISION THEORY AND IMPRECISE PROBABILITIES" CANADIAN SOCIETY FOR THE HISTORY AND PHILOSOPHY OF SCIENCE ANNUAL CONFERENCE (2019)

"THE VERIFICATIONIST PRINCIPLE AS AN INSTRUMENT FOR THE DEMOCRATISATION OF SCIENTIFIC KNOWLEDGE" PHILOSOPHY OF SCIENCE ASSOCIATION BIENNIAL MEETING (2018)

"A NOTE ON THE LOGIC OF INQUIRY: INTUITIONISTIC LOGIC AND PROBABILISTIC REASONING" EUROPEAN PHILOSOPHY OF SCIENCE ASSOCIATION (2018)

"BLINDING DATA ANALYSES TO REDUCE RESEARCHER BIAS IN RANDOMISED CLINICAL TRIALS" UNIVERSITY OF CALIFORNIA (IRVINE) MEDICAL HUMANITIES INITIATIVE: MEDICAL KNOWLEDGE IN A SOCIAL WORLD (2016)

"THE EPISTEMIC MERITS OF REICHENBACH'S PRAGMATIC VINDICATION OF INDUCTION" INDUCTIVE LOGIC AND CONFIRMATION IN SCIENCE II – UNIVERSITÉ PARIS 1 PANTHÉON-SORBONNE (2014)

"ON KEYNES'S THEORY OF THE WEIGHT OF EVIDENCE" CANADIAN SOCIETY FOR THE HISTORY AND PHILOSOPHY OF SCIENCE (2014)

"ON THE PROPOSED ARGUMENT FROM ANALOGY IN BISHOP BERKELEY'S PASSIVITY ARGUMENT FOR THE EXISTENCE OF GOD" 65TH ANNUAL NORTHWEST PHILOSOPHY CONFERENCE (2013)

"DEFENDING THE BAYESIAN THEORY OF SCIENTIFIC EVIDENCE: A REPLY TO PETER ACHINSTEIN" 56TH ANNUAL FLORIDA PHILOSOPHICAL ASSOCIATION CONFERENCE (2010)

"THE LOGIC OF THE STATE: A DECISION THEORETIC ACCOUNT OF HOBBS'S ARGUMENT FOR STATE POWER" 13TH ANNUAL NORTHWEST FLORIDA STUDENT CONFERENCE (2009)

TEACHING

UNIVERSITY OF TORONTO

HPS 100 INTRODUCTION TO HISTORY AND PHILOSOPHY OF SCIENCE (FALL 2016 AND WINTER 2017)

HPS 203 MAKING SENSE OF UNCERTAINTY (FALL 2018)

HPS 222 SCIENCE, PARADOXES, AND KNOWLEDGE (FALL 2019, WINTER 2020)

HPS 200 SCIENCE AND VALUES (FALL 2023, WINTER 2024)

UNIVERSITY OF UTAH

PHIL 3200 DEDUCTIVE LOGIC (SUMMER 2013, 2014, & 2015)

PHIL 1100 INTRODUCTION TO PHILOSOPHY (FALL 2014, SPRING 2014)

PHIL 1250 REASONING AND RATIONAL DECISION-MAKING (FALL 2013, FALL 2014, SPRING 2015, FALL 2015, & SPRING 2016)

PROFESSIONAL SERVICE

PEER REVIEWER: BRITISH JOURNAL OF THE PHILOSOPHY OF SCIENCE, EUROPEAN JOURNAL FOR PHILOSOPHY OF SCIENCE, RATIO, AND SYNTHESE.

COMMUNITY SERVICE

During my master's and doctoral studies, I organized and delivered a series of complimentary adult education lectures at the Salt Lake City Public Libraries and Toronto Public Libraries. These lectures encompassed a diverse array of topics,

including: introductions to philosophy, introductions to scientific reasoning, decision-making under uncertainty, the history of scientific objectivity, and the epistemology of social media: misinformation and disinformation.