

Arezoo Islami
Department of Philosophy
San Francisco State University
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Academic Position

Assistant Professor

Department of Philosophy, San Francisco State University (August 2018 - Present)

Postdoctoral Fellow

Thinking Matters Program, Stanford University (August 2016 - 2018)

Education

Ph.D. in Philosophy, Stanford University (2009 - 2016)

M.A. in Philosophy, minor in Linguistics, Texas Tech University (2007 - 2009)

M.Sc. in Philosophy of Science, Sharif University of Technology (2003 - 2006)

B.Sc. in Pure Mathematics, Ferdowsi University of Mashad (1999 - 2003)

Areas of Specialization

Philosophy of Science, Philosophy of Physics, Philosophy of Mathematics

Areas of Competence

Epistemology, Logic, History of Twentieth Century and Modern Philosophy

Publications

“A Match Made on Earth: On the Applicability of Mathematics in Physics” with Harald A. Wiltsche

Synthese Library (2019)

“A Complex Problem for Formalists”

Journal of Applied Logics (2018)

“An Intriguing New Development of Husserl’s Project”

Metascience (2018)

“Marriages of Mathematics and Physics: A Challenge for Biology” with Giuseppe Longo
Progress in Biophysics and Molecular Biology (2017)

“Mathematics as Hammer: On the Makings of the Masters Tool”
Metascience (2017)

“A Match Not Made In Heaven: On the Applicability of Mathematics to Physics”
Synthese (2016)

Presentations

“Who Discovered Imaginaries: On the Historical Nature of Mathematical Discovery”
16’th International Congress of Logic, Methodology and Philosophy of Science and Technology, APMP Symposium, Prague, Czech Republic, August 2019

“Applying Mathematics: Moving Beyond Wigners Puzzle”
19’th Brazilian Logic Conference, Joao Pessoa, Brazil, May 2019

“A Match Not Made In Heaven: On the Applicability of Mathematics to Physics” (Invited Talk)
MathsApp seminar, IHPST, Paris-Sorbonne University, Jan 2019

“A Match Made on Earth: on the Applicability of Mathematics in physics” (Invited Talk)
The Orange County and Inland Empire Seminar in the History and Philosophy of Mathematic and Logic (OCIE-HPML), Chapman University, December 2018

“Applicability of Mathematics as a Problem: A Phenomenological Critique of Wigner’s Puzzle”
Phenomenological Approaches to Physics, University of Graz, June 2018

“Applicability of Mathematics as a ‘Problem’”
Workshop on the Mathematical Reasoning, Stanford University, February 2018

“Match Not Made in Heaven: On the historicity of mathematics” (Invited Talk)
Texas Tech University, Department of Philosophy, Invited Talk, October 2017

“Is God a Mathematician?” (Invited Talk)
Texas Tech University, Department of Philosophy co-sponsored by Department of Physics and Astronomy, October 2017

“Symmetry since Newton’s Age: From Mechanical to Mathematical Principles”
Mathematics and Mechanics in the Newtonian Age: Historical and Philosophical Questions, University of Seville, September 2017

“The Applicability of Mathematics: A Historical Approach”
Midwest Philosophy of Mathematics Workshop, Notre Dame University, November 2016

“Formalism in the Face of Complex Numbers”

The Emergence of Structuralism and Formalism, Charles University, Prague, June 2016

“Deconstructing a *Mystery*: Analytic Functions and Dispersion Relations”

Second CSLI Workshop on Logic, Rationality and Interaction, Center for the Study of Language and Information(CSLI), Stanford, June 2013

“Unreasonable Effectiveness of Mathematics”

Sharif University of Technology, November 2012

“On Fine’s Natural Ontological Attitude”

Iranian Institute of Philosophy, June 2007

“On Priority of Beliefs”

Sharif University of Technology, Second Graduate Conference in Philosophy of Science, February 2007

“The Logic of Charity: Davidson’s Principle of Rationality”

First Annual Colloquium of Analytic Philosophy, Iranian Institute of Philosophy, February 2007

“Language of Science, Language of Religion”

First International Congress on the Dialogue of Science and Religion, Iran, May 2006

“Paradoxes in Mathematics: a Popperian Approach”

Department of Mathematics, Ferdowsi University, Mashad, November 2005

“Externalist Approaches to the Meaning of ‘Meaning’”

Iranian Institute of Philosophy, Philosophy of Language series, May 2005

“Russell’s Paradox and the Development of Mathematics”

Symposium on Russell, Iran University of Science and Technology, Tehran, May 2005

Grants, Awards and Honors

Extraordinary Ideas Grant

Liberal and Creative Arts College, San Francisco State University, 2019

Lane Research Grant in the History of Science, Medicine and Technology

Stanford University, 2012 - 2013

Lane Research Grant in the History of Science, Medicine and Technology

Stanford University, 2011 - 2012

Jerry V. Fox, Jr. Memorial Scholarship (for Outstanding Graduate Student in Philosophy)

Texas Tech University, 2008

Research Grant in Philosophy of Science

Iranian Institute of Philosophy, Iran, 2007

Prize for Best Presentation in Philosophy

National Organization for Development of Exceptional Talents, Iran, 2006

Teaching

Assistant Professor, Department of Philosophy, San Francisco State University

PHIL 846- Grad Seminar in the Philosophy of Mathematics	Fall 2019
PHIL 111- The Art of Quantitative Reasoning	Fall 2019
PHIL 715- Grad Seminar in Philosophical Writing	Spring 2019
PHIL 350- Philosophy of Science	Spring 2019
PHIL 850- Grad Seminar in the Philosophy of Science	Fall 2018
PHIL 111- The Art of Quantitative Reasoning	Fall 2018

Postdoctoral Lecturer, Thinking Matters Program, Stanford University

Thinking about Universe (Cosmology)	Spring 2018
Evil	Fall 2017
Thinking about Universe (Cosmology)	Spring 2017
Justice and the Rationing of Medical Care	Winter 2017
Evil	Fall 2016

Instructor, Department of Philosophy, Stanford University

Honors Seminar	Spring 2016
Philosophy of Science	Winter 2016
Mathematical Logic	Fall 2015
Philosophy of Mathematics	Summer 2015
Introductory Mathematical Logic	Spring 2015
Applicability of Mathematics as a Philosophical Problem	Spring 2013

Instructor, Department of Philosophy, City College of New York

Introduction to Philosophy	Fall 2013
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Instructor, Education Program for Gifted Youth (EPGY), Stanford University

Mathematics (Set Theory, Number Theory, Calculus)	Summer 2014
Number Theory	Summer 2011

Academic Service at San Francisco State University

Organizer , Historicity of Consciousness Workshop, (with Dr. Pena-Guzman) San Francisco State University	March 2019 - present
Member , EO 1110 Assessment Taskforce, San Francisco State University	Feb 2019 - August 2019
GTA Coordinator , For Art(s) of Quantitative Reasoning (Phil 111), San Francisco State University	August 2018 - present
Member , Scholarship Committee Zarri	Spring 2019
Member , Scholarship Committee Silvers	Spring 2019

Coordinator, Phil 111 and Math 112

Spring 2019 - Present

Journal Referee, Department of Philosophy, San Francisco State University

Metascience, Book

Fall 2018

Eshare, Article

Fall 2018

European Journal for Philosophy of Science, Article

Spring 2019

Journal for General Philosophy of Science, Article

Summer 2019

Academic Service beyond San Francisco State University

Chair, Next Generation, Stanford School of Philosophy of Science, Stanford University

October 2013

Editor (English to Farsi), Shah, Author: Abbas Milani, Iranian Studies Program, Stanford University

Jan 2012 - June 2012

Coordinator, Truth, Objectivity and Constructivism Workshop, Stanford University

August 2011 - May 2012

President of the Persian Student Association, Stanford University

June 2010 - June 2011

Organizer, Propositional Attitude Workshop, Iranian institute of Philosophy

September 2006