

AOS. Phil. of Science (including Phil. of Physics), Metaphysics

diegoaranasegura.com

AOC. Phil. of Mathematics, Phil. of Logic, Formal Epistemology

diego.arana@rutgers.edu

+1 (848) 239-7584

DISSERTATION

Theories as Representational Practices: Use, Content, and Equivalence

Rutgers University

Advisor: Ted Sider

Committee Members: Michael Glanzberg, Barry Loewer, Brian McLaughlin, Jill North, Agustin Rayo (External)

EDUCATION

Rutgers University

New Jersey, USA

Ph.D. in Philosophy

2020 – Present

Pontifical Catholic University of Peru

Lima, Peru

B.S. in Mathematics

2011 – 2018

PUBLICATIONS

Arana Segura, Diego (2025). “Equivalence and theory expansion”. In: *Synthese. An International Journal for Epistemology, Methodology and Philosophy of Science* 206:147. <https://doi.org/10.1007/s11229-025-05236-8>

CONFERENCE PRESENTATIONS

Subsystems as Aspects

Baltimore, Maryland

APA Eastern Division Meeting, Symposium

2026 (forthcoming)

Isn't the Physics of Spacetime Metaphysics Enough?

Lugano, Switzerland

Society for the Metaphysics of Science

2025

Equivalence, Use, and Content

Portland, Oregon

APA Pacific Division Meeting, Symposium

2024

Equivalence and Theory Expansion

New Orleans, Louisiana

APA Central Division Meeting, Symposium

2024

Using ChatGPT to Facilitate Assignment Feedback and Evaluation

New York, New York

AAPT-APA Teaching Hub (Co-authored with Bram Vaassen)

2024

Logical Consequence and Explicitness: A Case Study

San Francisco, California

APA Pacific Division Meeting

2023

Mathematical Competence and Rule-Following

Lima, Peru

VII International Wittgenstein Congress, PUCP (Co-authored with Eduardo Villanueva)

2019

Trivialist Epistemology and False Mathematical Beliefs

New Brunswick, New Jersey

Rutgers-Columbia Undergraduate Conference

2019

Mysticism in Late Wittgenstein's Philosophy

Lima, Peru

XIV Philosophy Student Symposium, PUCP

2019

Postulational Possibility and Metaphysical Realism

Lima, Peru

XIII Philosophy Student Symposium, PUCP

2017

Inconsistent Beliefs, Inference, and Fragmentation

Lima, Peru

IV Analytic Philosophy Student Meeting, San Marcos University

2015

COURSES TAUGHT

Introduction to Logic

Primary Instructor

Rutgers University
Summer 2024, Winter 2024

Introduction to Formal Reasoning and Decision Making

Primary Instructor

Rutgers University
Fall 2023, Spring 2024

Introduction to Philosophy

Teaching Assistant (Michael Glanzberg, Fall 2022; Ted Sider, Spring 2023)

Rutgers University
2022 – 2023

Logic

Teaching Assistant (Pamela Lastres; Eduardo Villanueva)

Pontifical Catholic University of Peru
2016 – 2019

PROFESSIONAL SERVICE

Terrestrial Logic (McLaughlin and McGee, OUP, forthcoming)

LaTeX book transcription

Rutgers University
2025

Terrestrial Logic (McLaughlin and McGee, OUP, forthcoming)

Book Indexing (with Andrew Rubner)

Rutgers University
2024

Metro Area Philosophy of Science

Co-organizer (with Barry Loewer)

Rutgers University
2021 – 2023

Metaphysical Mayhem

Co-organizer (with Jonathan Schaffer and Jordan Bridges)

Rutgers University
2023

History of the Concepts of Scientific Law and Probability

Co-organizer (with Barry Loewer)

Central European University
2022

El surgimiento de la filosofía analítica (Soames, 2019)

LaTeX book transcription

Pontifical Catholic University of Peru
2018 – 2019

GRADUATE COURSEWORK

Philosophy of Science

The Architecture of Fundamental Physical Theories

Barry Loewer & David Albert

Rutgers University
Spring 2021

Philosophy of Quantum Mechanics

David Albert

Rutgers University
Spring 2022

Rationalist Physics: Descartes, Hobbes and Leibniz

Dan Garber

Princeton University
Fall 2022

Fundamentality in Science and Metaphysics

Ted Sider & Barry Loewer

Rutgers University
Spring 2024

Metaphysics

The Metaphysics of the Mind

Karen Bennett & Jonathan Schaffer

Rutgers University
Spring 2021

Philosophy of Time

Ted Sider

Rutgers University
Spring 2022

Philosophy of Language

Semantics and Pragmatics

Thony Gillies & Jeffrey C. King

Rutgers University
Fall 2020

Logic and Natural Language

Michael Glanzberg & Jeffrey C. King

Rutgers University
Spring 2021

Philosophy of Mathematics and Logic

Topics in Logic <i>Michael Glanzberg</i>	Rutgers University <i>Fall 2020</i>
Philosophy of Mathematics [†] <i>Ted Sider</i>	Rutgers University <i>Spring 2025</i>
History and Philosophy of Mathematics (Independent Study) [†] <i>Michael Glanzberg</i>	Rutgers University <i>Spring 2025</i>

Epistemology

Seminar in Epistemology <i>Matthew McGrath & Ernie Sosa</i>	Rutgers University <i>Spring 2021</i>
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Ethics and Political Philosophy

Identity Politics <i>Derrick Darby</i>	Rutgers University <i>Fall 2021</i>
Feminist Philosophy <i>Louise Antony & Alex Guerrero</i>	Rutgers University <i>Spring 2022</i>

†: Course audited

PROFESSIONAL MEMBERSHIPS

ALFAn <i>Latin American Association of Analytic Philosophy</i>	https://alfan.org/ <i>2025 – Present</i>
Theorema <i>Peruvian Philosophical Research Society</i>	https://theorema.pe/ <i>2020 – Present</i>

LANGUAGES AND TECHNICAL SKILLS

Languages: Spanish (Native), English (Fluent)

Formal and Technical Skills: LaTeX, Carnap.io (logic instruction software), Logic, Set Theory, Model Theory, Category Theory