

ARDA BULUT

University of Calgary
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EDUCATION

M.A. Philosophy, **University of Calgary**, 2026–Present
B.Sc. Physics, **Koç University**, 2020–2026
B.A. Philosophy, **Koç University**, 2022–2026
Track Program Philosophy, Politics and Economics, **Koç University**, 2024–2026

Area of Specialization: Philosophy of Science

Areas of Competence: Logic, Metaphysics

HONORS AND SCHOLARSHIPS

2205 TÜBİTAK Undergraduate Scholarship 2020 – 2024

The Scientific and Technological Research Council of Türkiye (TÜBİTAK).

Given to students who were placed in top 0.5 percentile in the National University Placement Exam in Türkiye. (Ranked 620 in 1.5 million students)

RESEARCH EXPERIENCE

Graduate Research Assistant 09/2026 – Present

PI: Federica Bocchi

Conducting research in philosophy of science, with a focus on conservation science and ecology. Research interests include causality, scientific models, evidence, and the role of science in policy and decision-making.

Undergraduate Research Assistant 09/2024 – 06/2026

PI: Selçuk Kaan Tabakçı

Conducted research on the epistemic and representational roles of scientific models, focusing on idealization, model accuracy, explanation, prediction, and scientific representation.

Undergraduate Research Assistant 10/2023 – 06/2026

PI: Livio Nicola Carenza

Research Project: Multi-Core Cholesteric Emulsion

Conducted numerical research on cholesteric liquid crystal shells using lattice Boltzmann simulations, focusing on chirality, topology, and defect dynamics.

Undergraduate Research Assistant 02/2022 – 05/2023

PI: Alphan Sennaroğlu

Conducted experimental research on photoacoustic imaging using femtosecond laser systems, focusing on system optimization and optical measurements.

PUBLICATIONS

Bulut, A., Sarıyar, Y., Negro, G., and Carenza, L. N. *Thick liquid crystalline cholesteric shells*. Physical Review Research, 2026. [doi:10.1103/1g3c-j9vp](https://doi.org/10.1103/1g3c-j9vp).

PRESENTATIONS

Bulut, A. *Accuracy of Causal Theoretical Models: Idealizations and Scope of Model Use*. 12th European Congress of Analytic Philosophy (ECAP12). Madrid, Spain. August 2026. Oral presentation.

Bulut, A. *Accuracy of Causal Theoretical Models: Idealizations and Scope of Model Use*. 9th Bilkent International Undergraduate Philosophy Conference. Online. March 2026. Oral presentation.

Bulut, A., Sarıyar, Y., Negro, G., and Carenza, L. N. *Geometrical and Topological Confinement in 3D Active Emulsions* 18th Nanoscience and Nanotechnology Conference. Istanbul, Turkey. 26–28 August 2024. Poster.

TEACHING

Teaching Assistant

University of Calgary

Logic I (PHIL 279), Fall 2026, Koray Akçagüner

Koç University

Ontology (PHIL 312), Fall 2025, Dr. Selçuk Kaan Tabakçı

Teaching Development

Teaching Assistant Readiness Program, Taylor Institute for Teaching and Learning, University of Calgary, 2026

PROFESSIONAL ACTIVITIES & SERVICE

Member, Graduate College

2026 – Present

University of Calgary

European Student Assembly 2025 (ESA25)

05/2025

Selected participant and panelist, “Unveiling Inequalities.” Contributed to policy recommendations presented at the European Parliament in Strasbourg.

Incoming Exchange Student Mentor

2024 - 2025

Koç University Office of International Programs

Student Representative and Vice Chair, UNIC Student Board

2024 – 2026

European University Alliance (UNIC), Koç University

GRADUATE COURSES TAKEN

Proseminar (PHIL 603), Prof. Richard Zach, Fall 2026

Topics in Philosophy of Science, Prof. Kenneth Waters, Fall 2026

LANGUAGES

Turkish (native)

English (advanced)

German (intermediate)