

IAN SEBASTIÁN ALBORNOZ TOMAS

Curriculum Vitae

Institute of Human Development (Instituto del Desarrollo Humano), National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

J. M. Gutiérrez 1150, (B1613GSX) Los Polvorines, Buenos Aires Province, Argentina

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1. CURRENT ACADEMIC POSITIONS & RESEARCH FELLOWSHIPS

Graduate Teaching and Research Fellow (DIG18 Fellowship)

Awarding Institution: National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

Period: March 2026 – February 2027

Appointment Type: Competitive, institutionally funded postgraduate fellowship for research and higher education teaching practice.

Accredited Framework Project: Deliberative Democracy and Environmental Justice: Bioethics, Communication Rights, and Social Agency Facing the Environmental Crisis (IDH-UNGS 30/3376).

Individual Research Project: Responsible Science Communication: Expert Ethics and Conditions for Public Understanding in Socio-Environmental Controversies.

Postgraduate Research Scholar (2nd Year)

Degree Programme: Master's Degree (Maestría) in Epistemology and History of Science, National University of Tres de Febrero (Universidad Nacional de Tres de Febrero – UNTreF), Argentina

Period: 2025 – Present

Expected Dissertation Defence: Mid-2028

2. AREAS OF SPECIALISATION (AOS) & COMPETENCE (AOC)

Areas of Specialisation (AOS):

- Social Epistemology
- Agnotology
- Ethics of Scientific Communication & Expert Ethics
- Expert Disagreements in Socio-Environmental Controversies & Public Policy

Areas of Competence (AOC):

- Philosophy of Physics (Classical Mechanics, Chaos Theory & Foundations)
- Causality, Determinism & Universal Physical Laws
- General Philosophy of Science
- Logic, Epistemology & Argumentation Theory
- Philosophy of Education & Philosophical Anthropology

3. UNIVERSITY EDUCATION

Postgraduate Studies

M.A. in Epistemology and History of Science (Postgraduate Master's Degree Programme – 120 ECTS Workload Equivalent)

Institution: National University of Tres de Febrero (Universidad Nacional de Tres de Febrero – UNTreF),

Argentina

Status: 2nd-Year Master's Student / Maestrando (Officially accredited by CONEAU Res. No. 633/16).

Period: 2025–Present (Expected thesis defence: Mid-2028).

Curriculum & Workload: 720 direct taught contact hours, plus master's research thesis, across a 3-year official postgraduate curriculum.

Undergraduate Degree & Interdisciplinary STEM Track

5-Year Single-Cycle University Degree (EQF Level 7 / Integrated Master's Equivalent – approx. 300 ECTS): Higher Education University Professor of Philosophy (Profesor Universitario de Educación Superior en Filosofía)

Institution: National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

Graduation Date: December 2024

Degree Level & Workload: Single-cycle 5-year university degree comprising 2,992 direct taught contact hours across a comprehensive coursework curriculum.

Academic Performance / Grade Point Average: Overall GPA 8.90 / 10.00 (Sobresaliente – First-Class Honours / Academic Distinction equivalent; grading scale 1.00–10.00, Argentine minimum pass mark: 4.00).

B.Sc. Track in Physics: Higher Education University Professor of Physics (Profesor Universitario de Educación Superior en Física) – Interdisciplinary STEM Track

Institution: National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

Status & Progression: 59.46% of degree curriculum completed (1,632 direct taught contact hours completed; approx. 160 ECTS workload equivalent).

Academic Performance: Partial GPA 8.87 / 10.00 (Sobresaliente; grading scale 1.00–10.00, Argentine minimum pass mark: 4.00).

Key Passed Modules: Introduction to Mathematics (10/10), Calculus I (10/10), Multivariable Calculus (10/10), Introduction to Physics (10/10), Linear Algebra (8/10), Foundations of Life and Evolution (8/10).

Research Focus & Integration: Interdisciplinary foundation in exact sciences oriented towards philosophical research, providing tools in formal mathematics, multivariable calculus, and foundational physics as methodological support for philosophy of science, formal epistemology, and theoretical modelling.

4. RESEARCH FELLOWSHIPS & FUNDED PROJECTS

Competitive Research Fellowships Awarded

Graduate Teaching and Research Fellowship (DIG18 Fellowship)

Awarding Body: National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

Period: March 2026 – February 2027

Supervisor: Dr Javier Flax

Accredited Framework Project: Deliberative Democracy and Environmental Justice: Bioethics, Communication Rights, and Social Agency Facing the Environmental Crisis (Code IDH-UNGS 30/3376).

Individual Research Project: Responsible Science Communication: Expert Ethics and Conditions for Public Understanding in Socio-Environmental Controversies.

Undergraduate Scientific Initiation Fellowship (EVC-CIN Fellowship)

Awarding Body: National Interuniversity Council (Consejo Interuniversitario Nacional – CIN), Argentina (National competitive research grant).

Period: September 2023 – August 2024

Supervisor: Dr Gustavo Arroyo

Accredited Framework Project: Non-Epistemic Reasons in Philosophical Argumentation: Theses and

Problems (Code ICI-UNGS 30/1140).

Individual Research Project: The Philosophical Problem of Determinism and Freedom from the Perspective of Universal Physical Laws.

Undergraduate Research and Teaching Fellowship (DIE-UNGS Fellowship)

Awarding Body: National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

Period: August 2022 – July 2023

Supervisor: Dr Gustavo Arroyo

Accredited Framework Project: Non-Epistemic Reasons in Philosophical Argumentation: Theses and Problems (Code ICI-UNGS 30/1140).

Individual Research Project: Determinism and Freedom. Deterministic Chaos: An Indeterministic Perspective on the Problem of Freedom.

Participation in Accredited Research Projects

Research Team Member (Integrante)

Institution: National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

Period: June 2023 – December 2024

Principal Investigator: Dr Gustavo Arroyo

Project: Non-Epistemic Reasons in Philosophical Argumentation: Theses and Problems (Code ICI-UNGS 30/1140).

Junior Research Attaché (Adscripto)

Institution: National University of General Sarmiento (Universidad Nacional de General Sarmiento – UNGS), Argentina

Period: January 2022 – December 2022

Principal Investigator: Dr Gustavo Arroyo

Project: Non-Epistemic Reasons in Philosophical Argumentation: Theses and Problems (Code ICI-UNGS 30/1140).

5. PUBLICATIONS

Books

- Albornoz Tomas, I., et al. (2026). *Encontrar la infancia: Una experiencia de pensamiento y escritura filosófica* [Finding Childhood: An Experience of Philosophical Thought and Writing] (G. Ruggiero, Ed.). Ediciones UNGS.

Conference Proceedings & Institutional Repositories

- Albornoz Tomas, I. (2023). Los desacuerdos profundos en filosofía: El debate determinismo versus libre albedrío [Deep Disagreements in Philosophy: The Determinism vs Free Will Debate]. In *Proceedings of the 7th UNGS Conference on Logic and Argumentation: Deep Disagreements* (pp. 114–124). National University of General Sarmiento. <https://repositorio.ungs.edu.ar/handle/UNGS/1733>

Journal Articles & Book Chapters in Preparation

- Albornoz Tomas, I. (2026). *Desacuerdos profundos en torno a la libertad humana: Un análisis epistemológico de la controversia entre compatibilismo e incompatibilismo* [Deep Disagreements Surrounding Human Freedom: An Epistemological Analysis of the Compatibilism vs Incompatibilism Controversy] [Manuscript in preparation]. Prepared under the DIE-UNGS Fellowship and Research Project ICI-UNGS 30/1140, National University of General Sarmiento.

- Albornoz Tomas, I. (2026). *Determinismo, impredecibilidad y leyes universales: Reinterpretación del determinismo ontológico a la luz de la teoría del caos* [Determinism, Unpredictability, and Universal Laws: Reinterpreting Ontological Determinism in Light of Chaos Theory] [Manuscript in preparation]. Prepared under the DIE-UNGS Fellowship and Research Project ICI-UNGS 30/1140, National University of General Sarmiento.
- Albornoz Tomas, I. (2026). *La ruptura del pacto comunicativo entre ciencia y sociedad: Marco ético y epistémico para evaluar las controversias socio-ambientales* [The Breakdown of the Communicative Pact Between Science and Society: An Ethical and Epistemic Framework for Evaluating Socio-Environmental Controversies] [Manuscript in preparation]. Developed under the DIG18 Fellowship, National University of General Sarmiento.
- Albornoz Tomas, I. (2026). *Agotología y biotecnología agrícola: Deconstrucción de la narrativa oficial sobre el Trigo HB4 en Argentina* [Agotology and Agricultural Biotechnology: Deconstructing the Official Narrative on HB4 Wheat in Argentina] [Manuscript in preparation]. Developed under the DIG18 Fellowship, National University of General Sarmiento.
- Albornoz Tomas, I. (2026). *Reconstrucción formal estructuralista de la Teoría de la Agotología: Vocabulario T-teórico y modelos potenciales* [Formal Structuralist Reconstruction of Agotology Theory: T-Theoretical Vocabulary and Potential Models] [Manuscript in preparation]. Derived from Master's Thesis in Epistemology and History of Science, National University of Tres de Febrero.
- Albornoz Tomas, I. (2026). *Los valores no epistémicos en la arquitectura formal de los modelos de riesgo: Una lectura estructuralista de las condiciones de contorno* [Non-Epistemic Values in the Formal Architecture of Risk Models: A Structuralist Reading of Boundary Conditions] [Manuscript in preparation]. Derived from Master's Thesis in Epistemology and History of Science, National University of Tres de Febrero.

6. CONFERENCE PAPERS & ACADEMIC PRESENTATIONS

- Albornoz Tomas, I. (2023, 20–23 September). *Desacuerdos profundos: El caso paradigmático de compatibilistas e incompatibilistas en el debate sobre la libertad humana* [Deep Disagreements: The Paradigmatic Case of Compatibilists and Incompatibilists in the Human Freedom Debate] [Paper presentation]. 20th National Congress of Philosophy (AFRA), National University of Tucumán, San Miguel de Tucumán, Argentina.
- Albornoz Tomas, I. (2023, 23–25 August). *Los desacuerdos profundos en filosofía: El debate determinismo versus libre albedrío* [Deep Disagreements in Philosophy: The Determinism vs Free Will Debate] [Paper presentation]. 7th UNGS Conference on Logic and Argumentation, National University of General Sarmiento, Los Polvorines, Argentina.
- Albornoz Tomas, I. (2022, 22–25 November). *El determinismo considerado desde la teoría del caos y su dependencia a las leyes físicas universales* [Determinism Considered From Chaos Theory and Its Dependence on Universal Physical Laws] [Paper presentation]. 4th National Philosophy Conference, University of Buenos Aires, Buenos Aires, Argentina.
- Albornoz Tomas, I. (2022, 14–17 November). *La ambivalente relación del determinismo con las teorías físicas, desde la física clásica hasta la teoría del caos* [The Ambivalent Relationship of Determinism With Physical Theories: From Classical Physics to Chaos Theory] [Paper presentation]. 9th Philosophy Student and Graduate Conference (UNGS), National University of General Sarmiento, Los Polvorines, Argentina.
- Albornoz Tomas, I. (2022, 14–17 November). *Ontología de mundos posibles y su relación con las teorías físicas del multiverso* [Ontology of Possible Worlds and Its Relationship With Physical Multiverse Theories] [Paper presentation]. 9th Philosophy Student and Graduate Conference (UNGS), National University of General Sarmiento, Los Polvorines, Argentina.
- Albornoz Tomas, I. (2022, 9–11 November). *La crítica de Hume al principio de causalidad y cómo su legado se vincula con el problema del determinismo y el libre albedrío* [Hume's Critique of the Principle of Causality and How His Legacy Relates to the Problem of Determinism and Free Will] [Paper presentation]. 7th History Student and Graduate Conference, National University of General

Sarmiento, Los Polvorines, Argentina.

- Albornoz Tomas, I. (2022, 13–15 October). *La necesidad de las leyes físicas universales para explicar el determinismo, y su relación con la experiencia* [The Necessity of Universal Physical Laws to Explain Determinism, and Its Relationship With Experience] [Paper presentation]. 15th Philosophy Research Communication Conference (JOCOINFI), National University of the Littoral, Santa Fe, Argentina.
- Albornoz Tomas, I. (2022, 4–6 October). *¿Qué entendemos por determinismo? Desambiguación del término y su vinculación con la física moderna* [What Do We Understand by Determinism? Disambiguation of the Term and Its Link to Modern Physics] [Paper presentation]. 4th Young Researchers Conference on Philosophy of Science, National University of Córdoba, Córdoba, Argentina.

7. ACADEMIC EVENT ORGANISATION & PUBLIC ENGAGEMENT

Scientific & Academic Event Organisation

- Academic Conference Organiser: *7th UNGS Conference on Logic and Argumentation*. National University of General Sarmiento (23–25 August 2023).
- International Postgraduate Course Organiser: *Political Argumentation: New Definitions for Old Paradigms* (Delivered by Dr Daniel Mejía Saldarriaga, University of Windsor, Canada). National University of General Sarmiento (22 August 2023).
- Academic Guest Lecture Organiser: *Wittgenstein and Philosophy* (Delivered by Dr Alejandro Tomasini Bassols, National Autonomous University of Mexico (UNAM), Mexico). National University of General Sarmiento (20 March 2023).
- Student & Graduate Conference Organiser: *9th UNGS Philosophy Student and Graduate Conference*. National University of General Sarmiento (14–17 November 2022).

Public Science Communication, Knowledge Transfer & Research Groups

- Academic Orientation & Student Outreach: *UNGS Higher Education & Career Fair*. National University of General Sarmiento (26–27 September 2024).
- Workshop Facilitator / Member – University Extension Project: *Building My Education-Work Project II* (Ref UNGS 19215/2016). Designed and coordinated educational-vocational transition workshops for secondary schools. National University of General Sarmiento (March – December 2017).
- Presenter & Active Member: *Logic and Epistemology Reading and Research Group* (Res No 5441/2020). National University of General Sarmiento (March 2021 – July 2023).

8. HIGHER EDUCATION & UNIVERSITY TEACHING EXPERIENCE

Higher Education / Tertiary Teaching (ISFD Level)

Higher Education Lecturer | Higher Teacher Training Institute No 29 'Prof. Graciela Gil' (ISFD No 29, Merlo, Buenos Aires)

Institutional Level: State-accredited tertiary higher education teaching institute.

Modules Taught: Philosophical Issues in Education; Philosophy and Education; Education and Contemporary Social Transformations; Philosophy (2025 – Present).

University Teaching Assistantships & Fellowships (UNGS)

University Teaching Fellow (DIG18 Fellowship) | National University of General Sarmiento, Institute of Human Development (IDH), Argentina

Attached Modules / Teaching Practice: Philosophy of Law and Citizenship, and Law and Media Economics.

Responsibilities: Course planning, delivery of theoretical and practical seminars, design of study guides and academic tutoring under the supervision of Dr Javier Flax (March 2026 – February 2027).

University Teaching Fellow (DIE-UNGS Fellowship) | National University of General Sarmiento, Institute of Sciences (ICI), Argentina

Attached Modules / Teaching Practice: Philosophy of Science, and Logic and Argumentation.

Responsibilities: Course planning, delivery of theoretical and practical seminars, design of study guides and academic tutoring under the supervision of Dr Gustavo Arroyo (August 2022 – July 2023).

9. UNIVERSITY GOVERNANCE, REPRESENTATION & INSTITUTIONAL SERVICE

- Alternate Member of the Higher Council: Supreme Governing Body, Graduate Constituency, National University of General Sarmiento (Electoral Board Res No 06/2026; Term 2026 – 2028).
- Active Member: Argentine Society of Philosophical Analysis (SADAF) (February 2026 – Present).
- Full Student Representative on Academic Degree Committees:
 - Degree Committee for the Higher Education University Teaching Degree in Philosophy, National University of General Sarmiento (UNGS) (November 2022 – December 2024).
 - Degree Committee for the Higher Education University Teaching Degree in Physics, National University of General Sarmiento (UNGS) (November 2018 – March 2020).
- Academic Jury Member: Provincial Stage of the National Philosophy Olympiad (Secondary Education Level), Ministry of Education of Argentina (October 2022).

10. LANGUAGES & TECHNICAL RESEARCH TOOLS

Language Proficiency

- Spanish: Native language.
- English: Intermediate level (B1) – EF SET Certification.
- Academic Latin: Certificate in Introductory Latin, National University of General Sarmiento (96 contact hours / 1 year. Grade: 9.00 / 10.00, 2023).
- German: Beginner level (A1) – Currently enrolled.

Scientific Typesetting & Technical Tools

- $\text{\LaTeX}$: Advanced proficiency in $\text{\LaTeX}$ for theoretical paper layout, mathematical equation editing, and formal logical notation.

11. FURTHER EDUCATION, CERTIFICATIONS & CONTINUING PROFESSIONAL DEVELOPMENT

Postgraduate Diplomas & Higher University Credentials

- University Expert in Theory of Science, Language, and Bioethics (500 contact hours, approx. 20 ECTS workload) – TECH Technological University (2023).
- University Expert in Philosophy of Nature and Science (500 contact hours, approx. 20 ECTS workload) – TECH Technological University (2023).
- Postgraduate Diploma in Research Methodology (600 contact hours, approx. 24 ECTS workload) – University of Business and Social Sciences (UCES), Argentina (2023).
- Postgraduate Diploma in Didactic-Pedagogical Tools for ICT Implementation in Teaching Processes (600 contact hours, approx. 24 ECTS workload) – University of Business and Social Sciences (UCES), Argentina (2023).
- Academic Refresher Course in Modern Teaching Strategies for 21st-Century Students (200 contact

hours) – University of Business and Social Sciences (UCES), Argentina (2023).

- Academic Refresher Course in Building a Digital Culture in Educational Institutions (200 contact hours) – University of Business and Social Sciences (UCES), Argentina (2023).

Methodological & Instrumental Research Training

- Introduction to Research Project Formulation in Social Sciences and Humanities (80 contact hours) – REDES Centre / Associated Unit to CONICET (National Scientific and Technical Research Council), Argentina (2022).
- Academic Short Text Writing: Abstracts and Journal Papers (84 contact hours) – REDES Centre / Associated Unit to CONICET, Argentina (2022).
- Introductory L^AT_EX Workshop – 8th Mathematics Summer/Autumn School (EMASUNGS), National University of General Sarmiento (UNGS), Argentina (2022).

Postgraduate Seminars & Specialisations in Philosophy of Science

- History of Philosophy of Science II: Debates in Logical Empiricism (12 hours) – Extension Secretariat, Faculty of Philosophy and Letters, University of Buenos Aires (UBA), Argentina (2023).
- Current Debates in Philosophy of Science: The Role of Values in Scientific Knowledge (12 hours) – Faculty of Philosophy and Letters, University of Buenos Aires (UBA), Argentina (2023).
- The Logic of Deep Disagreements (16 hours) – National University of General Sarmiento (UNGS), Argentina (2022).
- Introduction to Philosophy of Science and Technology (45 hours) – REDES Centre / Associated Unit to CONICET, Argentina (2022).

Institutional & Cross-Disciplinary Training

- PRISMA: Experiences and Perspectives for Equality (Gender Perspective Training) – National University of General Sarmiento (UNGS), Argentina (15 July – 16 August 2024).
- University, Gender, and Rights (Gender Perspective Training) – National University of General Sarmiento (UNGS), Argentina (June 2022).

Competitive Chess, University Qualifications & Officiating

- *University Qualifications*: University Diploma in Chess Education (420 contact hours, National University of Tres de Febrero – UNTreF, 2021); University Diploma in Chess Promotion, Management, and Coaching (236 contact hours, UNTreF, 2025).
- *Official Titles & Officiating*: Arena FIDE Master (International Chess Federation – FIDE, 2018); Regional Chess Arbiter (Argentine Chess Federation – FADA, 2020); FADA Coach (2019); Certificate of Knowledge in School Chess (Ministry of Education, City of Buenos Aires, 2022).

12. ACADEMIC REFERENCES

(Formal letters of recommendation and direct contact details are available upon request.)