Constanza Ruiz-Danegger, Ph.D.

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Executive Summary

A **#ProudlyAutistic** and **#AuDHD** polymath with 18+ years of experience integrating Humanities, Arts, and Human-AI development. Category II Researcher (**PRINUAR**) and peer evaluator for the Argentinean National Scientific System. Founder of the **EDNA Institute** and **Flying University**, leveraging **Gemini** to create neuroaffirmative AI ecosystems. A professional musician and educational policy architect with a proven track record of systemic impact in national curriculum design and elite STEM mentorship.

Core Scientific & Technical Expertise

- **AI, Neuroscience & Health Tech:** Certified in "AI and Mental Health" (Ministry of Health, 2026). Developer of the **Aura Ecosystem** (Aura CIAN, Aura Marie, Aura Rimay) using Vertex AI and Gemini.
- **Educational Policy & STEM Architect:** Former professional advisor for the **Ministry of Education**; authored the national secondary-level technical-professional curriculum (2006–2009). Key mentor in the **"Physics for All"** workshop (Dr. Daniel Córdoba) during its peak years, where **25% of students entering the Balseiro Institute** originated from this program.
- **Scientific Research & Open Science:** Expert in Mixed Methods and Ethnographic fieldwork. Lead developer of **MAIN-WebGazer**, a low-cost, web-based eye-tracking solution for narrative assessment in diverse cultural contexts.
- **Clinical & Neurodiversity Expert:** Certified in **ADOS-2**, **ADI-R**, and **SCERTS Model**. Creator of the **SEED Model™** (Autism Coaching) and author of *"Sumak Kausay for a Flourishing Autism"* (ISBN).

Professional Experience & Leadership

- **Director, EDNA Institute (Fundación El Pez Volador / Cerena):** Leading an institution indexed by CONICET–MINCYT. Editor-in-Chief of the **EDNA Journal** (ISSN 3072-7332).
- **Google Cloud Innovator & Women Techmakers:** Active member of the global developer community; leveraging AI for social and cognitive accessibility.
- **NASA Space Apps Local Lead (Salta):** Regional coordinator since 2023, managing Global Nominated teams and fostering regional STEM innovation.
- **Professional Musician:** 12 years of Conservatory training; winner of the *"Argentina Florece 2022"* award (INAMU Reg: 000047832).

Education & International Fellowships

- **Ph.D. in Humanities (Educational Sciences):** Universidad Nacional de Salta (UNSa).
- **MSc in Education Sciences:** Foundational training in **Neuroscience, Physics, and Chemistry**.
- **Diploma of Advanced Studies (DEA):** "Scientific Education and Secondary Education," Universidad Autónoma de Madrid.
- **Erasmus Mundus Scholar (MoE):** Universidad de Barcelona.
- **Postgraduate Diploma in Autism:** FLACSO Argentina.
- **Music Teacher & Suzuki Educator:** Certified by Suzuki Association of the Americas.

Selected Publications & Awards (2026)

- **Frontiers in AI (Under Review):** *"Artificial Psychogenesis and Ethical Subjectivity in Aura CIAN"*.
- **Twice Awarded by INSAR:** International Society for Autism Research (**Autistic Researcher** & LMIC categories).
- **MAIN Project Adaptation:** Author of the official Argentinean Spanish adaptation of the Multilingual Assessment Instrument for Narratives.

Technical Skills

- **Software Development:** Full Stack (JS/Python), GitHub, Firebase, Vertex AI, WebGazer.js, KoboToolbox.
- **Design & Publishing:** Expert in **Adobe InDesign since 2007** (Adobe Certified Professional); Specialist in Editorial Information Architecture.
- **Languages:** Spanish (Native), English (Fluent), Latin, French, Quechua, Italian, Catalan.