



The Hague, The Netherlands

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## Curriculum Vitae

Multichannel science and technology communicator with expertise in physical sciences, including quantum computing, particle physics, space exploration, and astronomy. Bilingual (English and Spanish) professional with over eight years of experience creating and strategizing scientific content. Proven ability to simplify complex scientific topics into engaging, accessible narratives for diverse audiences. Skilled editor, translator, and project manager with experience in video scripting, podcast production, and social media strategy.

## Work experience

### **Engagement Manager, Quandela** | Paris, France

*June 2024 – December 2024* | Responsible for managing stakeholder engagement and translating Quandela's scientific and technological developments into compelling communications for diverse audiences.

### **Freelance Translator, Penguin Random House Grupo Editorial** | Miami, USA

*February 2022 – Present* | Translate children's science books from English to Spanish, ensuring technical accuracy and high-quality standards for young readers. Remote

### **Science and Technology Communicator, PASQAL SAS** | Amsterdam, The Netherlands

*October 2022 - April 2024* | Communicated PASQAL's scientific and engineering developments in quantum computing to a targeted audience, supporting the company's role in the quantum computing transformation.

### **Editor-in-chief, United Academics Magazine** | Amsterdam, The Netherlands

*March 2021 - September 2022* | Combined managing articles from writers, fact-checking, proofreading, thoroughly reviewing the sources and references, and advising the writers on public engagement techniques. I coordinated a team of social media managers, illustrators, and copy editors.

### **Co-Founder and Chairperson, Persea Foundation** | The Hague, The Netherlands

*2018 – 2022* | Led a non-profit science and technology outreach organisation. Directed and edited content for Persea Magazine, and co-created educational products to promote scientific literacy.

### **Freelance Science Writer**

*2014 – 2021* | Contributed science articles to several outlets, including United Academics Magazine, The Startup (Medium), El Tiempo (Top Colombian Newspaper), and The Academy of Physics, Mathematics, and Natural Sciences of Venezuela.

**Research Associate, School of Physics, University of Sydney** | NSW, Australia

2009 – 2011 | Research in molecular biophysics simulations.

**Full-time Professor and Research Scientist, Simón Bolívar University** | Venezuela

2006 – 2009 | Research in high-energy physics, focusing on theory and simulations.

**Postdoctoral Researcher, Institute for Theoretical Physics, Leibniz University of Hanover** | Germany

2003 – 2006 | Researching in high-energy physics-theory, DAAD Fellow.

**Postdoctoral Researcher, Venezuelan Institute for Scientific Investigations**

2002 – 2003 | Conducted postdoctoral research in high-energy physics theory.

## Education

- **University of Oviedo, Spain** | Class of 2015. Postgraduate course: Expert in Divuligation and Communication of Science and Technology. (Grade: 97/100)
- **Simón Bolívar University, Venezuela** | Class of 2001. Dr. in Physics. Doctoral thesis in theoretical high-energy physics. Scholarship National Foundation for Science and Technology (CONICIT), Venezuela. (Grade: 4.9/5)
- **Simón Bolívar University, Venezuela** | Class of 1994. Bachelor in Chemistry. Thesis in theoretical physical chemistry.

## Skills

- **Software use experience:** Linux, Microsoft Office Suit, LaTeX, Google Drive, WordPress, Slack, Trello, Toggl, Zoom, Webex, R. Jira, LLM AI.
- **Social Media Manager:** X, Facebook pages, Patreon, Instagram.
- **Languages:** Spanish: Native, full professional proficiency. English: Fluent, full professional proficiency. Dutch: B2. Basic knowledge of German (A2) and Italian (A2).
- **Transferable skills:** Problem-solving, fast learner, project manager, time manager. I feel comfortable working with multidisciplinary and multicultural teams.

## Awards

DAAD-German Academic Exchange Service/Gran Mariscal de Ayacucho Foundation (2003-2004) Fellowship; Research Graduate Students Group, Leibniz University of Hannover, Germany, (2005-2006) Fellowship; Venezuelan Foundation for Research Promotion award (1997-2001) and (2006-2009).

## Portfolio of recent works

- **Quandela Blog:** [Photon Recycling](#)
- **PASQAL Medium:** [PASQAL on Medium](#)
- **United Academics Magazine:** [Articles by Alexandra](#)
- **Scientific Publications:** [Google Scholar](#)

## Hobbies

Hiker | Fiction writer.