

MARIA CAMILA SOJO AGUERO

EDUCATION

August 2022 – Present - Department of Geosciences, College of Science, University of Arizona.
3rd-year PhD Fulbright candidate.
Cumulative Total GPA: 3.879

July 2022 - August 2022 - English Language Center, Drexel University, Philadelphia, PA.
Foreign Fulbright Student Program: English for Graduate Studies Program (6 weeks).

April 2021 – December 2021 - Faculty of Exact and Natural Sciences. University of Buenos Aires.
Specialization in Mining Geology
7-month (intensive course) professional graduate degree program with thesis (thesis not finished yet).

February 2012 - December 2017 - Faculty of Exact, Physical and Natural Sciences. National University of San Juan.
Bachelor in Geological Sciences
5-year professional degree program with thesis.
GPA *Cum Laude* (GPA: 9.74 out of 10.00)

HONORS AND AWARDS

May 2024 - 2024-2025 Galileo Circle Scholarship, College of Science, University of Arizona.

May 2023 - Society of Economic Geologist (SEG) 2023 Student Research Grant from Alberto Terrones L. Fund, United States.

December 2022 - 2022 J. Harold Courtright Scholarship awarded by Arizona Geological Society (AGS), Arizona, United States.

September 2021 - Scholarship Program for Graduate Studies in Universities of the United States of America, Call 2022-2023. Awarded by Argentina National Ministry of Education and Fulbright Commission to carry out Graduate Program (PhD. degree) in the United States.

September 2018 - “Beca Nuevos Líderes D. F. Sarmiento” academic merit internship. San Juan Government in cooperation with Advanced Leadership Foundation. 3-month internship (September 2018-December 2018) in Washington D.C, United States.

September 2018 - Gold Medal and Academic Honor for having the highest GPA at the Faculty of Exact, Physical and Natural Sciences from the National University of San Juan during 2017.

- Professional Council of Geological Sciences of San Juan distinction for achieving the highest GPA of the Bachelor's in Geological Sciences at the Faculty of Exact, Physical and Natural Sciences from the National University of San Juan during 2017.

PROFESSIONAL EXPERIENCE

November 2020 - June 2022 - Argentina Fortescue. San Juan, Argentina

Semi-Senior Geologist.

- Supervision and management of the logging area.
- Data base management.
- Interpretation of geological data.
- Use of different geo-software.
- Laboratory shipping.
- Fieldwork: mapping and sampling.
- Logging and core sampling.

January 2019 - November 2020 - Argentina Fortescue. San Juan, Argentina.

Junior Geologist.

- Data base management.
- Fieldwork: mapping and sampling.
- Logging and use of SWIR spectrometry, XRF spectroscopy and magnifying glass for geological data acquisition.

Sept. 2018 - December 2018 - Climate Institute. Washington D. C., United States.

Internship trainee.

- Participation in research projects on climate change and renewable energies.
- Attendance at networking scientific events.

January 2018 - August 2018 - Consultancy. San Juan, Argentina.

Independent Junior Geologist.

- Geological mapping activities and field assistant.
- Geological and geotechnical reports for soil and rock analysis.

CONFERENCES AND COURSES

March 2025

- Prospectors & Developers Association of Canada (PDAC) Convention 2025.

September 2024

- Society of Economic Geology (SEG) 2024 Conference. Poster presentation: "Physicochemical Conditions of Ore-Forming Fluids at Filo del Sol Deposit, NW Argentina: New Insights from Laser Ablation Split Stream S Isotope and Trace Element Chemistry"

September 2023

- Society of Economic Geologists Foundation (SEGF) Field Trip 2023: Tertiary-Age Epithermal Precious Metal Deposits of the Walker Lane, SW Nevada. Leaders: Chavez, W., Petersen, E. & Riedell, B.

March 2023

- Geodaze 2023 Conference, Department of Geosciences, University of Arizona. Poster presentation called "Filo del Sol porphyry-epithermal system, San Juan Province, Argentina: new preliminary geochronological and mineralogical constraints".

July 2020

- "Geochemistry workshop and interpretation of Anaconda-style mapping and core logging, for the exploration of porphyry copper deposits". Organized and dictated online by Federico Cernuschi, PhD.

May 2019

- "Introduction to the main exploration parameters for porphyry and epithermal systems" San Juan, Argentina. Dictated by Mario Alfaro.

December 2018 - American Geophysical Union (AGU) Fall Meeting. Washington D.C., United States. Assistant.

June 2018 - "Remote Sensing and Geographic Information Systems: tools for territorial ordering." Faculty of Exact, Physical and Natural Sciences. San Juan, Argentina. Dictated by Mariana Martinelli, PhD and Marcela Ontivero, PhD.

PAST STUDENT ACADEMIC INVOLVEMENT AND RESEARCH EXPERIENCE

August 2024 - Present - Treasurer in Society of Economic Geology UofA Student Chapter.

August 2023 - Present - Secretary in Association for Women Geoscientists (AWG), Southern Arizona Chapter.

May 2016 - March 2018 - Faculty of Exact, Physical and Natural Sciences. San Juan, Argentina.
Teaching Assistantship

- Collaboration with teachers in Introduction to Geology and Structural Geology subjects.
- Supervision of students and guidance of them in practical lessons.
- Work with rock samples, geological maps and calculation exercises for geological structures.

March 2017 - March 2018 - Seismological Geophysical Institute Volponi. Faculty of Exact, Physical and Natural Sciences San Juan, Argentina.
Studentship "CIN: Stimulus to Scientific Vocations"

- "Analysis of seismicity in the region of the San Rafael Block".
- Use of the software SEISAN to interpret seismological data and QGIS to generate maps with the location of earthquakes.
- Fieldwork experience in Malargüe, Mendoza, Argentina.
 - Use of two Geoelectric Prospecting Methods: Spontaneous Potential and Electrical Tomography. Work experience in field in Pismanta, Iglesia, San Juan.

Sept. 2015 - Sept. 2016 - Institute and Museum of Natural Sciences of San Juan. Faculty of Exact, Physical and Natural Sciences. San Juan, Argentina.
Studentship "CIN: Stimulus to Scientific Vocations"

- The topic was "Osteology and phylogenetic analysis of a new coelophysoid (Dinosauria: Theropoda).
- Paleontological explorations field trips.
- Laboratory assistantship in fossil cleaning and manipulation.

SKILLS

Languages

- Spanish: Native
- English: Advanced
- Italian: Intermediate

Software

- Microsoft Office: Excel, Word and Power Point.
- Design: AutoCAD; Inkscape.

- Geographic Information Systems: QGIS
 ArcMap
 ArcGIS Pro
 with Discover
- GEO Softwares: Leapfrog Geo (Modelling)
 ioGAS (Geochemical data)
 IHS KingdomTM
 (Geophysical data)