

Resume



Formal Education:

2011 - Present – PhD in Geology at Oregon State University

2011 – MS in Geology at Oregon State University

2006 – Bachelor degree in Geology from Universidad de la R. O. del Uruguay

1999 – High school, I.U.D.E.P.

Extra-curricular courses:

2010 – *ioGlobal workshop: Geochemistry for mineral exploration* (ioGlobal) Vancouver, Canada.

2006 - *Mining Legislation in Uruguay* (Dr. A. Caputto), Mdeo. Uruguay

2005 - *Introduction to Seismic Stratigraphy* (Dr. V. Ploskievictz) Bs. As., Argentina

Other studies:

Language Studies: English (8 years Anglo Institute)

General computer Software: Microsoft windows / Linux, Microsoft Office Suite, Fireworks, Free Hand, Dreamweaver, Flash, Corel Draw & Photoshop

Geologic/Research Software: MapInfo, Discover, Micromine, ArcPAD, GeoOrient, Geocalculator, Bibloscape, Reference Manager, Agaion, ioGAS, Leapfrog.

Others: 2 year technical studies of Photography

Professional work experience:

10/03/2012 – 10/5/2012 - Teaching of “Exploration geochemistry workshop and use of ioGAS” for First Quantum Mining in Arequipa, Perú

11/01/2011 – 03/01/2012 – Consulting for Orosur Mining

10-01-2011 - Consulting for ioGlobal (Technical English-Spanish translations)

2010 – Consultant for UNESCO for building and online database of geoscientific citations for Uruguay

01/15/2007 – 30/12/2008- Project Geologist for U.M.E. (Uruguay Mineral Exploration, now Orosur Mining Inc.). Geophysical, Geochemical, Mapping, Drilling from grass roots to advanced exploration.

Research experience:

2011 - present - PhD research “Petrology and Geochemistry of the Haquira-East Cu-Mo porphyry, Perú” Advisor: Dr. John Dilles.

2011 – Temporary staff at Oregon State University. Research assistant, Porphyry Footprints project under the supervision of Dr. John Dilles.

2009 – 2011 – MS research “Geology, Geochemistry, Geophysics and mineralization potential of Lascano area, NE, Uruguay” MS Thesis. Advisor: Dr. John Dilles.

2005-2006 - “Upper Paleozoic palinofloral analysis from Argentina, Brasil and Uruguay”

project responsible Dra. Ángeles Beri

2004-2006 - “Stratigraphy, petrography, age and distribution of Minas Verdún Group, key unit for Cement industry” project responsible: Dr. Claudio Gaucher

2002-2004 - “Palynological study of upper Paleozoic sediments of Paraná – Chacoparaná Basins” project responsible: Dra. Ángeles Beri

Master thesis:

- Geology of the Cretaceous Lascano-East intrusive complex: magmatic evolution and mineralization potential of the Merín basin, Uruguay.
<http://ir.library.oregonstate.edu/xmlui/handle/1957/20581>

Undergraduate thesis and monographies:

- Palynology of San Gregorio & Melo Formations (upper Carboniferous – Permian) in drillhole 254 “Paso del las Toscas” DINAMIGE (Tacuarembó, Northeast Uruguay). Advisor: Dra. Ángeles Beri

Courses thesis and monographies

- Geology Map of “Arroyo Tapes Grande” area, Lavelleja-Maldonado, Uruguay. Scale 1/20.000. (60km²). Advisor Ing. Jorge Spurno
- Agate and Amethysts Exploration: review of models and mining in northern Uruguay with mapping and exploration in the area of Sequeira, Artigas, Uruguay. Advisor: Msc. Juan Ledesma
- Hydrogeological characterization of the “Balneario Solís” area, and the drillholes use for potable water supply by Sun & Water company, Maldonado, Southern Uruguay” Co-authored with Federico González.. Advisor: Dr. Jorge Montaña
- Creation of the first bibliographic citation digital data base of Geology & Paleontology of Uruguay, and historical analysis of publications. Co-authored with Manuela Morales. Advisor: Dr. Rodrigo Arocena

Selected short abstracts:

Cernuschi, F. & Dilles, J. 2010. *Geology, geochemistry and hydrothermal alteration in rift-related igneous rocks of the Lascano area, Merín Basin, Uruguay*. Society of Economic Geologist symposium. Sept. 30th to Oct rd, Keytone, Colorado.

Cernuschi, F. & Morales, M. 2010. Primera base de datos online de citas bibliográficas geocientíficas del Uruguay. Congreso Uruguayo de Geología. Minas, Uruguay.
www.georefsuruguay.blogspot.com (Login: visit. Password: visit)

Gaucher, C., Cernuschi, F. & Chigliano L. 2004. *Ocurrencia de Conophyton en Cantera Burgueño (Nueva Carrara, Uruguay): Nuevos afloramientos del Grupo Mina Verdún y su importancia*. IV Congreso Uruguayo de Geología, Mdeo, Uruguay.

Gaucher, C.; Poiré, D.; Sial, A.; Cernuschi, F.; Chigliano, L.; Ferreira, V.; González, P. & Martínez, G. 2005 *Chemostratigraphy of the Mina Verdún Group, Uruguay: a pre-glacial Neoproterozoic sucesión? Second symposium on Neoproterozoic – Early Paleozoic Events* In: Southwestern Gondwana. Windhoek, Namibia Octubre 2005 Extended Abstract Pages. 20-23.
Federico Cernuschi Editor

Cernuschi, F.; Beri, Á.; Spurno, J. *Estudio Palinológico de la perforación N° 254 “Paso de las Toscas” (DINAMIGE), Carbonífero-Pérmico, Uruguay*. V Congreso Uruguayo de Geología, October 2007. Montevideo, Uruguay

Selected extended abstracts:

Cernuschi, F.; Gaucher, G.; Sial, A.; Beri, A. 2006. *First Carbon and Oxygen Isotopic Analyses of Carbonates from the San Gregorio and Melo Formations (Carboniferous-Permian, Paraná Basin, Uruguay): Paleoenvironmental Implications*. V South American Symposium on Isotope Geology, 24th to 27th April, Punta del Este, Uruguay.

Gaucher, C.; Sial, A.; Poiré, D.; Cernuschi, F.; Ferreira, V.; Chigliano, L.; González, P.; Martínez,

G.; Pimentel, M. M. 2006. *Chemostratigraphy of the Mina Verdún Group and Other Cement-Grade Proterozoic Limestone Deposits in Uruguay*. V South American Symposium on Isotope Geology, 24th to 27th April, Punta del Este, Uruguay.

Gaucher, C.; Martinez, G.; Cernuschi, F.; Chiglino, L.; Sial, A.; Poiré, D. 2007. *Lito, Bio y Quimioestratigrafía del Grupo Mina Verdún, Terreno Nico Pérez, Uruguay*. V Congreso Uruguayo de Geología, October, 2007. Montevideo, Uruguay

Field trip guides:

Gaucher, G. & Cernuschi, F. 2006. *Neoproterozoic sedimentary successions of the Nico Perez Terrane, Uruguay*. In: Poiré, D. G. & Gaucher, C. *Neoproterozoic/Lower Palaeozoic sedimentary successions of the Río de la Plata Craton*. Field Trip Guide (V South American Symposium on Isotope Geology).

Arbitrated papers:

Beri, A., Cernuschi, F. and Martínez-Blanco, X. 2011. *Palynology of the 254 bore-hole (DINAMIGE), Late Paleozoic, Paraná basin, Uruguay*. AMEGHINIANA (Revista de la Asociación Paleontológica Argentina) 48 (3): 489-495. Buenos Aires, Argentina.

Beri, A., Gutiérrez, P., Cernuschi, F. & Balarino, M. L. 2006. *Palinología del Pérmico Inferior en la perforación DCLS-24 (Formación San Gregorio), departamento de Cerro Largo, Uruguay. Parte I: esporas, algas, prasinofitas y acritarcas*. AMEGHINIANA (Revista de la Asociación Paleontológica Argentina) 43 (1): 227-244. Buenos Aires, Argentina.

Gutierrez, P., Beri, A. & Cernuschi, F. 2006. *Palinología del Pérmico Inferior en la perforación CLS-24 (Formación San Gregorio), departamento de Cerro Largo, Uruguay. Parte 2: Granos de Polen*. AMEGHINIANA (Revista de la Asociación Paleontológica Argentina) 43 (3): 611-636. Buenos Aires, Argentina

Scientific editions & paper reviews:

2006 - Reviewer for: "Argentine Sedimentology Journal" (AAS) (Dr. Carlos Cingolani).

2005 - Editor: "Second Symposium on Neoproterozoic – Early Paleozoic events in Southwestern Gondwana" Windhoek- Namibia

Scientific events:

2009 – Geological Society of America annual meeting. Portland, OR.

2008 -VIII International Gold Symposium. Lima, Perú.

2006 - V South American Symposium on Isotope Geology. Punta del Este, Uruguay.

Scientific events organization:

2006 - Secretary for the V South American Symposium on Isotope Geology.

Field trips:

2010 – *Ore Deposits of Western USA. By ETH group, Switzerland*, Dr. Chris Heinrich

2009 – *Columbia River Flood Basalts* (Dr. Terry Tolan), GSA, Washington, US)

2009 – *Field Mapping of Ore Deposits* (Dr. John Dilles), OSU, Oregon, US)

2008 - "Uruguayan Geology" Responsibles: Dr. Jorge Bossi & Dr. Claudio Gaucher

2005 - PROSUL "Quimioestratigrafía de isótopos de carbono e estrôncio em sequências carbonáticas proterozoicas e fanerozoicas na Argentina, Brasil, Chile e Uruguai", CNPq (Brasil). Responsible Dr. Alcides N. Sial.

Scientific societies memberships:

Since 2009 – Society of Economic Geologists (SEG)

Geological Society of America (GSA)

Association of Applied Geochemists (AAG)

Since 2006 – Sociedad Uruguaya de Geología (SUG)

Asociación Uruguay de Licenciados en Geología (ALGU)

Scientific societies active membership:

Since **2009** – Young Earth Scientists Network (YES network). Member of the Working Group Advisory Team and National representative of Uruguay.

Since **2013** – Member of the mining commission of the Sociedad Uruguaya de Geología (SUG, Uruguayan Society of Geology)