

Nadia Fantello

EDUCATION AND RESEARCH EXPERIENCE

MAY 2016 (EXPECTED)

MS student of Geophysics at the University of Wyoming.

Advisor: Dr. Andrew Parsekian.

Tentative thesis description:

Estimate the quantity and quality of methane bubbles trapped in thermokarst lakes using ground penetrating radar (GPR), and analyze how methane bubbles relate with climate warming.

GPA: N/A

JULY 2014

Geophysicist. Facultad de Ciencias Astronómicas y Geofísicas, Universidad Nacional de La Plata, Argentina.

Advisor: Dr. Mauricio Gende.

Thesis name: Study and detection of abrupt discontinuities in time series for GNSS stations of the SIRGAS-CON network.

Thesis description: I worked with GPS data from the project SIRGAS and my goal was to detect regions where velocity variations were not linear. It was focused in non-periodic movements which appear in the horizontal component after an earthquake has occurred.

GPA: 8.52/10. (high GPA for my country)

TEACHING EXPERIENCE

2013 - 2014

Teaching Assistant for course of Calculus II

Assisted with the teaching of classes.

COURSES AND CONFERENCES

2013 **Seismic Surveillance for Reservoir Delivery.**

Lecturer: O. I. Barkved. EAGE, AAGGP.

Buenos Aires, Argentina.

2012 **XIV Giambiagi Winter School. Applied and Environmental Geophysics.**

Buenos Aires, Argentina.

2011 **Graduate level course in Monitoring Active Volcanoes and Volcanic Risk.**

Lecturer: Dr. Jesús Miguel Ibañez Godoy

La Plata, Argentina.

2010 **XXV Scientific Meeting of the Association of Geophysics and Surveying of Argentina (AAGG)**

Córdoba, Argentina.

🏠 Department of Geology and Geophysics. 1000 E. University Ave. Laramie, WY 82071-2000.

✉️ nfantell@uwyo.edu

COMPUTER SKILLS

Languages & Software: MATLAB, Octave, Fortran, L^AT_EX, Seismic Unix, Focus.

Operating Systems: Windows, Linux.

VOLUNTEER WORK

2013 Member of an advisory committee to select graduate teaching assistant for the Facultad de Ciencias Astronómicas y Geofísicas.

FIELD EXPERIENCE

Extensive fieldwork experience has been obtained through fieldwork for projects in classes such as Rocky Mountain Field Trip, Seismic Prospecting Methods, Electrical Prospecting Methods, Argentinean Applied Geology, Geodesy and Structural Geology.

WORK EXPERIENCE

Present	Graduate Research Assistant. University of Wyoming.
Dec.2008 - Apr.2011	Ski Rental Technician. SolVista Basin Ski Area. Granby, Colorado.

LANGUAGES

Spanish: Native speaker.

English: Highly proficient.

Italian: Basic.

Portuguese: Basic.

AFFILIATIONS

2010 - Present Society of Exploration Geophysicists.