

# Kris MacLennan

2013 Infinity Circle, Unit 188, Golden, CO

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## Education:

**Aug 2006 – present:** *Ph.D. Candidate, Geophysics; Colorado School of Mines, Golden, CO*

- Advised by Dr. Yaoguo Li
- Research focuses on electromagnetic geophysics, inverse theory, statistical experiment design, and hydrology/aquifer management

**Aug 2002 – May 2006:** *B.Sc., Geophysics; B.Sc., Philosophy; University of California at Berkeley, CA*

- Graduated with Honors in Geophysics, overall GPA 3.495

**Jun 2005 – Jul 2005:** *Summer of Applied Geophysical Experience (SAGE), Santa Fe, NM*

- Learned near-surface exploration techniques and skills in GPR, potential fields, electrical methods, and reflection and refraction seismology
- Actively participated in fieldwork at an archaeological site (San Marcos Pueblo), Cochiti Pueblo, and on the La Bajada fault

## Computer Skills:

- Proficient in: Microsoft Word, Microsoft PowerPoint, Microsoft Excel, HTML and CSS coding
- Developing skills in: MATLAB, Surfer8, GM-SYS, Java, Adobe Photoshop

## Work Experience:

**May 2007 – Aug 2007:** *Intern, Schlumberger EMI Technology Center, Richmond, CA*

- Helped design and test cross-well electromagnetic inversion code under Dr. David Alumbaugh
- Presented material at company-wide meetings

**May 2006 – Aug 2006:** *Intern, Schlumberger EMI Technology Center, Richmond, CA*

- Worked on surface-to-borehole electromagnetic theory and application, including experiment design, tool calibration, and data processing and interpretation, under Dr. Michael Wilt
- Implemented theory and tested borehole tool at Elk Hills oil field, in Bakersfield, CA

**Aug 2005 – May 2006:** *Resident Assistant, Clark Kerr Campus, UC Berkeley*

- Supervised and was responsible for the safety and well being of 90 residents, mostly freshmen
- Designed and implemented educational, recreational, service and transitional programs
- Worked with other Resident Assistants and the campus administration to resolve problems

**Sept 1998 – Jul 2002:** *Head tournament director for the Berkeley Chess School (Berkeley, CA)*

**Sept 2000 – Aug 2006:** *Tournament director for the Success Chess School (Fremont, CA)*

- Supervised large numbers of children, often over 200 at a time
- Managed sub-directors and handled finances (collected entry fees, paid rent, paid other directors)
- Communicated effectively with parents and coaches

**References available upon request**