

LEPOLT LINKIMER

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EDUCATION

Ph.D. Candidate, Geosciences, The University of Arizona, Tucson, AZ, August 2011 (*expected*).

GPA: 3.87/4.0

M.S., Geology, Michigan State University, East Lansing, MI, Ago, 2006.

GPA: 3.70/4.0

Lic., Geology, with honors, University of Costa Rica, San Jose, CR., Oct, 2003.

GPA: 9.00/10

(Lic. or *Licenciatura* is a degree granted in Latin American universities that requires a full year of courses and a research thesis after *completing* a Bachelor's degree).

PROFESSIONAL EXPERIENCE

Graduate Associate, The Univ. of Arizona, Dept. of Geosciences. Ago, 2006–Present.

Teaching Assistant for Oceanography GEOS 212 and Natural Disasters GEOS 218 courses, development of research projects to understand the lithospheric structure of Costa Rica and Argentina, and seismic field operations of broadband seismic stations in the Central Andes.

Researcher, Univ. of Costa Rica: Lab. of Earthquake Engineering (LIS), National Seismological Network of Costa Rica (RSN), and Central American School of Geology. Nov, 2000–May, 2004.

At LIS: analysis and processing earthquake data collected by the LIS network and development of research projects related with seismic hazard. At RSN: monitoring and analysis of seismic and volcanic activity, edition of the monthly and annual seismic and volcanic activity bulletins, emergency processing and media notification of felt earthquakes, and design and maintenance of the RSN website. At the School of Geology: lecture the Geological Mapping and Structural Geology courses.

ADDITIONAL EXPERIENCE

- Seismic field operations in Argentina, Costa Rica, Russia; and USA with broadband and short period seismometers. Basic training with Ocean Bottom Seismometers during the *Sonne* Vessel expedition (Jul 7-Aug 8, 2003) organized by GEOMAR (Germany) to study volatiles and fluids off the Pacific coast of Central America using geophysical techniques.
- High level of experience in geologic field mapping and participation in numerous geological field trips in USA, Canada, Guatemala, Nicaragua, Panama, and Chile, as well as in field mapping campaigns organized by the School of Geology in Costa Rica.

AWARDS

- **Best Overall Presentation**, 2011 GeoDaze Symposium, The University of Arizona.
- **2010 Galileo Circle Scholars Award**, The University of Arizona.
- **MARGINS Student Prize**, AGU Fall Meeting, 2008.
- **Outstanding Service Award** given by the College of Science, The University of Arizona, 2008.
- **Tinker Summer Field Award**, Center from Latin American Studies.
- **Research Grant of the Geological Society of America**. Mar. 2005.
- **2004 Fulbright Award** to study in the United States from May 2004 to Ago 2006.
- **Academic Excellence Diploma**. Best GPA, School of Geology in both 1999 and 2000.

SELECTED PUBLICATIONS

- **Linkimer, L.**, S. L. Beck, S. Y. Schwartz, G. Zandt, and V. Levin, 2010. Nature of crustal terranes and the Moho in northern Costa Rica from receiver function analysis, *Geochem. Geophys. Geosyst.*, 11, Q01S19, doi:10.1029/2009GC002795.
- **Linkimer, L.**, 2008. Application of the Kriging method to draw the isoseismal maps of the significant 2002-2003 Costa Rican earthquakes. *Rev. Geol. Amér. Central*, 38: 119-134.
- **Linkimer, L.**, 2008. Relationship between peak ground acceleration and Modified Mercalli intensity in Costa Rica. *Rev. Geol. Amér. Central*, 38: 81-94.
- **Linkimer, L.**, 2007. Earthquake or explosion. Seismic signal identification in Eastern Russia using amplitude phase ratios obtained from analog records. VDM Verlag Dr. Müller. Saarbrücken. 181 pp.
- **Linkimer, L.**, 2006. Discrimination between earthquakes and chemical explosions in Eastern Russia using amplitude ratios obtained from analog records. Masters Thesis, Michigan State Univ. East Lansing, 326 pp.
- **Linkimer, L.**, 2003. The central Costa Rica deformed belt: Neotectonics of the eastern segment. Licenciatura Thesis, University of Costa Rica, San Jose, 103 pp (in Spanish).
- **Linkimer, L.** and Alvarado, G., 2002: Geology of Turrialba: A History of 60 million Years. -Colección Patrimonio y Futuro 17, Serie Angostura 1, Museo Patrimonio Hist. y Tec., ICE, 67 pp (in Spanish).
- **Linkimer, L.** and Aguilar, T., 2000. Sedimentary Stratigraphy of Costa Rica. In Denyer P. and Kussmaul, S. (editors) *Geología de Costa Rica*, Ed. Tecnológica de Costa Rica, Cartago, 520 pp (in Spanish).

SELECTED COURSES AND WORKSHOPS

- **IRIS Workshop** "Geophysical Hazards and Plate Boundary Processes in Central America, Mexico, and the Caribbean, Heredia Costa Rica, Oct. 2010
- **Margins SEIZE Workshop** "The next decade of the Seismogenic Zone Experiment" Mt. Hood, Oregon, Sept 2008.
- **IRIS Workshop "Out of Africa"**, Boston, Feb, 2008.
- **International Training Course on Seismology**, Hazard Assessment and Risk Mitigation. University of Concepción and University of Antofagasta, Chile (organized by Postdam, GFZ), Oct-Dec, 2001.

SKILLS

Native language Spanish, fluent English. Knowledge of Antelope, SAC, SEISAN, and CRISIS earthquake analysis packages; GMT, SURFER 3D, Sigma Plot data analysis and mapping programs.

SERVICE

- Co-chair of the 36th Annual GeoDaze Symposium, Department of Geosciences, University of Arizona, April 2008.
- Design and maintenance of the websites for the 35th Annual GeoDaze Symposium, Global Seismology and Tectonics Group, and the Siembra Project at the department of Geosciences.
- Member of the Disaster Commission of the Costa Rican Geological Society. Oct. 2000–Present.
- Costa Rican Geological Society board member. Represented the Costa Rican Geological Society in the Professional Guild Federation. Oct. 2000–Oct. 2001.
- **Selected Public Lectures:**
 - "The Grand Canyon of the Colorado River: A window into the past 2 billion years" on March 8, 2008, at the Univ. of Arizona, as part of a collaboration to the Univ. of Arizona Fulbright Association
 - "The Importance of the Spanish Language in the Seismology of Latin America" on March 31, 2005, at the Department of Spanish and Portuguese of Michigan State University.