

ROBERT EVERETT CRISS

Department of Earth and Planetary Sciences

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EMPLOYMENT

- 7/1994 - *Professor of Earth and Planetary Sciences, Washington University in St. Louis*
- 1988-1994 *Professor of Isotope Geology, Assoc. Prof. 1988-1992, Univ. of California, Davis*
- 1984-1988 *Chief of the Stable Isotope Geology Project, USGS, Reston, VA*
- 1980-1984 *Geologist, Branch of Isotope Geology, U.S. Geological Survey, Menlo Park, CA*

EDUCATION

- Ph.D. in Geochemistry, California Institute of Technology, 1981
- M.S. in Geology, California Institute of Technology, 1974
- B.S. with Highest Honors in Geology, Case Western Reserve University, 1973

LECTURESHIPS and COMMITTEES

- Organizing Committee, Finding the balance between floods, of floodplains and river navigation, St. Louis University, Nov. 11 2008
- Cave Research Foundation science committee 2006-present
- Lead for Oxygen Isotope Studies, LPI Workshop on Terrestrial Planets, July 2004
- Symposium Organizer on Large River Chemistry & Dynamics, GSA-NC Meeting, April 2004
- Undergraduate Advisor or Graduate Advisor, EPSc, Washington University, 1995-present
- Editorial Advisory Board, *Chemical Geology*, 1988-1999
- Associate Editor, *Journal of Geophysical Research*, 1992-1994
- Organizing Committee, Eighth International Conference on Geochronology (ICOG), 1991-1994
- Associate Professorial Lecturer in Geology, George Washington University, 1988
- MSA Short Course, "Stable Isotopes in High Temperature Geological Processes," 1986
- Classes Taught: Geochemistry, Hydrology, Stable Isotope Geochemistry, Chemical Thermodynamics, Geochronology, Earth Resources, Speleology, Geological Field Methods, Environmental Potamology

BOOKS

- 2003 *At the Confluence: Rivers, Floods, and Water Quality in the St. Louis Region*, Criss, R.E. and Wilson, D.A., editors, MBG Press, St. Louis, 274 p.
- 1999 Criss, R.E., *Principles of Stable Isotope Distribution*, Oxford University Press, N.Y., 254 p.
- 1989 *New Frontiers in Stable Isotope Research: Laser Probes, Ion Probes, and Small Sample Analysis*, Shanks, W.C. and Criss, R.E., editors, *U.S. Geol. Survey Bull.*, v. 1890, 174 p.

PROFESSIONAL SOCIETIES

- American Geophysical Union
- Geological Society of America

ADVISEES

- Elizabeth Hasenmueller, PhD candidate, Washington University
- Jennifer Lippmann, MA 2007, Washington University
- Rhoda Jeremiah, MA 2006, Washington University; project engineer, ABNA Engineering
- Michael J. Singleton, Ph.D. 2002, Washington University; staff scientist at LLNL
- William E. Winston, MA 2001, Washington University, GIS Specialist at WU
- Erik B. Melchiorre, Ph.D. 1998, Washington University; Assoc. Prof. at CSUSB
- George C. Frederickson, MA 1998, Washington University; FBI Special Agent
- Timothy P. Rose, Ph.D. 1994, UC Davis; Project Manager, LLNL
- Gail F. Eaton, M.S. 1993, UC Davis; Senior Geologist, Tetra Tech
- M. Lee Davisson, M.S. 1992, UC Davis; staff scientist, LLNL

RECENT AWARDS

- 2006 ArtSci Council Faculty Award, Washington University
- 2003 Faculty Mentor Special Recognition Award, Washington University ArtSci Council