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EDUCATION Ph.D., 2001, Geological Sciences, Rutgers University.
M.S., 1997, Geological Sciences, Rutgers University.
B.S., 1994, Geological Sciences, Tufts University.

LICENSURE State of California Professional Geologist #8161
State of Georgia Professional Geologist pending

POSITIONS

1/2008-present *Assistant Professor*, Dept. Geosciences, Georgia State University, Atlanta.
1/2004-12/2007 *Assistant Professor*, Dept. Geology, California State University Sacramento.
2002-2004 *Research Associate*, Dept. Paleobiology, National Museum of Natural History, Smithsonian Institution, Washington, DC.
2002-2003 *National Science Foundation International Research Fellow*, Soils Programme, Dept. Mineralogy, Natural History Museum, London, United Kingdom
2002 *Post-Doctoral Project Hydrologist*, Water Resources Division, United States Geological Survey, Reston, VA.
2001-2002 *Post-Doctoral Research Fellow*, Dept. Mineral Sciences, National Museum of Natural History, Smithsonian Institution, Washington, DC.
2000-2001 *University/Bevier Research Fellow*, Graduate School - New Brunswick, Rutgers Univ.
1999-2000 *Research Fellow*, Graduate School - New Brunswick, Rutgers University
1995-1999 *Teaching Assistant*, Geological Sciences, Rutgers University
1998 *Geology Instructor*, Koobi Fora Field School, Lake Turkana, Kenya, Rutgers University and the National Museums of Kenya
1993-1994 *Teaching Assistant*, Geology, Tufts University
1992-1993 *Paleomagnetic Lab Technician*, Geology, Tufts University
1992 *Intern*, Environment Department, City of Boston, Massachusetts
1992 *Micropaleontological Lab Technician*, Geology, Tufts University

PEER-REVIEWED PUBLICATIONS

Currently In Press

Deocampo, D.M., in press (expected Fall, 2008). On the geochemistry of continental carbonates. *Sedimentary Geology*.

Currently In Review

Deocampo, D.M., in review (submitted 4/2008). Saline lake diagenesis as revealed by coupled mineralogy and geochemistry of multiple ultrafine clay phases: Pliocene Olduvai Gorge, Tanzania. *American Journal of Science*.

Deocampo, D.M., and Orr, W., in revision. Pb and other metals in urban soil: Sacramento, California, U.S.A. *Soil and Sediment Contamination*.

2007

Jackson, M., Marra, F., Deocampo, D.M., Vella, A., Kosso, C., and Hay, R., 2007. Geological observations of excavated sand (harenae fossiciae) used as fine aggregate in ancient Roman pozzolanic mortars. *Journal of Roman Archaeology*, vol. 20, p. 25-53.

2005

Deocampo, D.M., 2005. Evaporative evolution of surface waters and the role of aqueous CO₂ in magnesium silicate precipitation: Lake Eyasi and Ngorongoro Crater, northern Tanzania. *South African Journal of Geology*, vol. 108, p. 493-504.

2004

Deocampo, D.M., 2004. Authigenic clays in East Africa: Regional trends and paleolimnology at the Plio-Pleistocene boundary, Olduvai Gorge, Tanzania. *Jnl. Paleolimnology*, vol. 31, p. 1-9.

Deocampo, D.M., 2004. Hydrogeochemistry in the Ngorongoro Crater, Tanzania, and implications for land use in a World Heritage Site. *Applied Geochemistry*, vol. 19, p.755-767.

2003

Blumenschine, R.J., Peters, C.R., Masao, F.T., Clarke, R.J., Deino, A.L., Hay, R.L., Swisher, C.C., Stanistreet, I.G., Ashley, G.M., McHenry, L.J., Sikes, N.E., Van der Merwe, N.J., Tactikos, J.C., Cushing, A.E., Deocampo, D.M., Njau, J.K., and Ebert, J.I., 2003, Advanced late Pliocene hominid with artifacts and tool-marked bone from western Olduvai Gorge, Tanzania. *Science*, vol. 299, p. 1217-1221.

Jones, B.F., and Deocampo, D.M., 2003, Geochemistry of Saline Lakes. In: Drever, J.I. (Ed.), Surface and Ground Water, Weathering, Erosion, and Soils. *Treatise on Geochemistry*, vol. 5, p. 393-424.

2002

Deocampo, D.M., 2002a. Sedimentary processes and lithofacies in lake-margin groundwater-fed wetlands in East Africa. In: Renaut, R.W., and Ashley, G.M. (Eds.), *Sedimentation in Continental Rifts*, SEPM (Society for Sedimentary Geology) Special Publications, vol. 73, p. 295-308.

Deocampo, D.M., 2002b. Sedimentary structures generated by Hippopotamus amphibius in a lake-margin wetland, Ngorongoro Crater, Tanzania. *Palaios*, vol. 17, p. 212-217.

Deocampo, D.M., Blumenschine, R.J., and Ashley, G.M., 2002. Freshwater wetland diagenesis and traces of early hominids in the lowermost Bed II (~1.8 myr) playa lake-margin at Olduvai Gorge, Tanzania. *Quaternary Research*, vol. 57, p. 271-281.

1999

Deocampo, D.M., and Ashley, G.M., 1999. Siliceous islands in a carbonate sea: Modern and Pleistocene records of spring-fed wetlands in Ngorongoro Crater and Olduvai Gorge, Tanzania: *Journal of Sedimentary Research*, vol. 69, no. 5, p. 974-979.

FIRST-AUTHORED ABSTRACTS (*=student co-author)

Deocampo, D.M., Jackson, M., Marra, F., and Hay, R.L., 2007. Chemostratigraphy, diagenesis, and a paleo-ultisol in Pleistocene ash (pozzolana) near Rome, Italy: Implications for the formulation of ancient Roman concrete. *G.S.A. Abstracts with Programs*, vol. 39, p. 174.

- Deocampo, D.M., and *Orr, W., 2006. Geochemistry of environmental lead in Sacramento, California. GSA Abstracts with Programs, vol. 38, p. 152.
http://gsa.confex.com/gsa/2006AM/finalprogram/abstract_109843.htm
- Deocampo, D.M., and Pedone, V., 2004. Authigenic clays and paleolimnology of the Miocene Barstow Formation, southern California, U.S.A. GSA Abstracts with Programs, vol. 36.
http://gsa.confex.com/gsa/2004AM/finalprogram/abstract_77033.htm
- Deocampo, D.M., 2003, Ultrafine lacustrine clays in East Africa. Proceedings of the 9th International Paleolimnology Symposium, Helsinki, Finland, p. 175.
- Deocampo, D.M., and Jones, B.F., 2003, Geochemistry of saline lakes, Proceedings of the 3rd International Limnogeology Congress, Tucson, Arizona, p. 75-76.
- Deocampo, D.M., 2002, Ultrafine clay chemistry in lake sediments: a paleoclimate proxy in East Africa. GSA Abs. Progs., vol. 34.
http://gsa.confex.com/gsa/2002AM/finalprogram/abstract_43318.htm
- Deocampo, D.M., Hay, R.L., Ashley, G.M., Kyser, T.K., and Liutkus, C.M., 2000, Lacustrine clay diagenesis in northern Tanzania, with paleoenvironmental application at Olduvai Gorge, G.S.A. Abstracts with Programs, vol. 32, p. A-366.
- Deocampo, D.M., and Renaut, R.W., 2000, Current perspectives on brine evolution and chemical sedimentation in the East African Rift, G.S.A. Abstracts with Programs, vol. 32, n. 1.
- Deocampo, D.M., and Ashley, G.M., 1999, "Spring" Cleaning: Toward a systematic classification of groundwater discharge styles. G.S.A. Abstracts with Programs, vol. 31, n. 2.
- Deocampo, D.M., and Ashley, G.M., 1999, Sedimentology, geochemistry, and paleohydrologic potential of groundwater wetlands in East African lacustrine basins, The XV Congress of the International Union for Quaternary Research, Durban, South Africa, page 52.
- Deocampo, D.M., and Ashley, G.M., 1999, East African groundwater-fed wetlands: Roles in the evolution of closed-basin brines, G.S.A. Abstracts with Programs, v. 31, n. 7.
- Deocampo, D.M., and Ashley, G.M., 1998, Neutralization of Arid-land Marsh Water: A Mechanism of Silica Preservation and Carbonate Suppression. G.S.A. Abstracts with Programs, v. 30, n.1, p. 14.
- Deocampo, D.M., Ashley, G.M., and Copeland, S.R., 1998, Springs and Streams in an East African Closed Basin: Controls on Biological Communities in Ngorongoro Crater, Tanzania, G.S.A. Abstracts with Programs, vol. 30, n. 7, p. 120.
- Deocampo, D.M., and Ashley, G.M., 1997, Hippo Trails: A Large-Scale Freshwater Biogenic Structure in Arid East Africa. G.S.A. Abstracts with Programs, vol. 29, n. 1, p. 40-41.
- Deocampo, D.M., and Ashley, G.M., 1997, Modern Processes and Lithofacies in Arid-Land Springs: Ngorongoro Crater, Tanzania. G.S.A. Abstracts with Programs, vol. 29, p. 140.

OTHER ABSTRACTS (*=student author)

- Jafari, M.K., Mobasher, K., Davarpanah, A., Babaie, H.A., Krogstad, E.J., Deocampo, D.M., and La Tour, T.E., 2009. A Backarc Basin Origin for the Eocene Volcanic Rocks North of Abbas Abad, East of Shahrud, Northeast Iran. Eos Transactions of the American Geophysical Union, Spring, 2009.
- Davarpanah, A., Jafari, K.M., Babaie, H.A., Krogstad, E.J., La Tour, T.E., Mobasher, K., and Deocampo, D.M., 2009. Tectonic Setting and Bimodal Magmatic Evolution of Eocene Volcanic Rocks of the Bijgerd-Kuh-e Kharchin area, Uromieh-Dokhtar Zone, Iran. Eos Transactions of the American Geophysical Union, Spring, 2009.

- *Mahan, T., Sikes, E., and Deocampo, D.M., 2007. Frontal movement of the subtropical convergence south of Tasmania over the last 60,000 years. *Eos Transactions of the American Geophysical Union*, Fall 2007.
- Jackson, M.D., Marra, F., Deocampo, D.M., and Hay, R.L., 2007. Altered volcanic ash as fine aggregate (Harenae Fossiciae) in the pozzolanic mortars of ancient concretes, Rome, Italy. *G.S.A. Abstracts with Programs*, vol. 39.
- Marra, F., Jackson, M.D., and Deocampo, 2007. The volcanic rocks of Rome: Eruptive history, emplacement mechanisms, and environmental conditions. *G.S.A. Abstracts with Programs*, vol. 39.
- Ashley, G.M., Deocampo, D.M., and Liutkus, C.M., 2000. Track records of large mammals in lake-margin wetlands, L.M. Bed II, Olduvai Gorge, Tanzania. *International Association of Sedimentologists, Regional meeting Abstracts, Dublin*, p. 72-73.
- Rogers, M.J., Monahan, C.M., Harris, J.W.K., Cachel, S., and Deocampo, D., 1999. New discoveries of hominid-modified bones from the Koobi Fora Formation, Kenya: *Journal of Human Evolution*, vol. 36, p. A21.

RESEARCH GRANTS

- 2008 “From Paleosol to the Pantheon: Pleistocene Ash and the Formulation of Ancient Roman Concrete.” G.S.U. Research Initiation Grant, \$10,000
- 2006 “Soil Lead in Sacramento: Links to Child Lead Poisoning.” Research and Creative Activity Award, Research and Sponsored Programs, California State University Sacramento. Teaching release and \$1500. PI: Deocampo.
- 2005 “Cache Creek mercury geochemistry: Role of soil and stream-carried minerals in the origin and fate of mercury in the Sacramento watershed.” Research and Creative Activity Award, Research and Sponsored Programs, California State University Sacramento. Teaching release and \$1500. PI: Deocampo
- 2002 National Science Foundation, “East African Paleoclimate from Ancient Lake Clays: Linking Ecosystem Change with Hominid Evolution” , \$81,990 (#INT-0202612). PI: Deocampo
National Academy of Sciences - National Research Council, Research Associateship,
Naval Research Laboratory (declined in order to accept NHM-London fellowship).
- 2001 Wenner-Grenn Foundation, “Olorgesailie paleo-water quality from paleosol geochemistry” \$7950.
- 2000 University/Bevier Fellowship, Graduate School, Rutgers University.
Roy J. Shlemon Award, Engineering Geology Division, Geological Society of America.
- 1999 “Building a Water Quality Database at Ngorongoro Crater, Tanzania”, Exploration Fund Research Grant, Explorers Club, \$1200.
National Research Council Travel Grant, U.S. Committee for the International Union for Quaternary Research, XV International Congress, Durban, South Africa. \$2000.
“Timing of the onset of Holocene aridity in East Africa from lake-margin groundwater wetlands”, Purdue Rare Isotope Measurement Laboratory, Purdue University, grant of 6 accelerator mass spectrometry analyses.
- 1998 “Lake-margin springs in East African closed basins: high resolution records of Holocene paleoclimate”, Geol. Soc. of America (GSA) Research Grant, \$2000.
Outstanding Student Research Award, Geological Society of America.
Dissertation Support Grant, Graduate School - Rutgers University, \$300.
- 1997 Water chemistry equipment donation, the Millipore Corporation.

- “Freshwater spring system sedimentation: modern sedimentary processes in the Gregory Rift of East Africa”, Sigma Xi, the Scientific Research Society, Grant-in-Aid of Research, \$760.
- 1996 “Sedimentology and geochemistry of freshwater springs, Ngorongoro Crater, Tanzania”, GSA Research Grant, \$1245.
- 1995 “Modern Sedimentation and Geochemistry of Freshwater Springs, Ngorongoro Crater, Tanzania”, GSA Research Grant, \$2000.
- “Paleo-spring deposits at Olduvai Gorge, Tanzania?”, Sigma Xi, \$750.

TEACHING

- Undergraduate*
- Geologic Resources and the Environment (GSU: Sum’08, F’08)
 - Introductory Geology (GSU: F’08)
 - Sedimentary Environments & Stratigraphy (GSU: S’08)
 - Geosciences Learning Community (GSU: S’08)
 - Earth Science (CSUS: F’04, S’05, F’05)
 - Earth Science Laboratory for Teachers (CSUS: S’04)
 - Oceanography (CSUS: F’05, S’06, F’06)
 - Physical Geology Laboratory (CSUS: S’04)
 - TA: Sedimentology Laboratory (Rutgers: F’97-F’99)
 - TA: Physical & Environmental Geology Laboratory (Tufts: F’93, S’94)
- Graduate*
- Sedimentary Environments & Stratigraphy (GSU: S’08)
 - Aqueous Geochemistry (CSUS MS Program: F’04, F’06)
 - Graduate Research Methods (CSUS MS Program: S’05)
- Field*
- Koobi Fora Field School, National Museums of Kenya (Sum’98)
- Bachelor of Science Thesis Advisees*
- Wendy Orr, Sacramento State, 2005-6
 - Tiffany Mahan, Sacramento State, in progress (2006-7)
- Master of Science Thesis Advisees*
- Michael Solt, Sacramento State, in progress
 - Danny Anzelon, Sacramento State, in progress

ACADEMIC COMMUNITY

- 2005-6 Member, Board of Governors, Moss Landing Marine Laboratories, Cal State U.
- 2004 Co-convenor, Topical Session “Authigenic minerals in modern and ancient terrestrial aquatic environments”, 2004 Geological Society of America national meeting.
- 2002 Co-convenor, Topical Session “Geochemical and Mineralogical Records from Ancient Lake Sediments”, 2002 Geological Society of America national meeting.
- Member, Advisory Board, GSA Limnogeology Division
- 1997-8 President, Rutgers University Quaternary Graduate Students Association.
- Coordinator, Brown Bag Lunch Seminar Series, Dept. Geological Sciences
- 1997 Judge, National Geographic Geography Bee, New Jersey State Finals.
- 1996-7 Geological Sciences Representative, Teaching Assistant Liason Committee, Rutgers Univ.
- 1993-4 Presidential Environmental Improvement Committee, Tufts University.

AFFILIATIONS

- Clay Minerals Society
- Geological Society of America
- American Geophysical Union
- International Society for Salt Lake Research
- SEPM (Society for Sedimentary Geology)