

**M. Steven Shackley**  
**Professor Emeritus, University of California, Berkeley**

Education:

Arizona State University	Anthropology	Ph.D. (1990)
San Diego State University	Anthropology	M.A. (1981)
San Diego State University, Environmental Geology/Anthropology (Cum Laude)		B.A. (1979)
Grossmont College, La Mesa, CA, Physical Science/Liberal Arts (Honors)		A.A. (1977)
US Marine Corps Warrant Officer Basic School, Quantico, Virginia,		1970

Appointments:

2011-present	Director, Geoarchaeological XRF Laboratory, Albuquerque, New Mexico
2011-2022	Adjunct Professor, Department of Anthropology, University of New Mexico
2003-2011	University Professor and Director Geoarchaeological XRF Lab, Departments of Anthropology and Earth and Planetary Sciences, University of California, Berkeley (Emeritus, 2011)
1990-2003	Assistant-Associate to full Research Professor, Phoebe Hearst Museum of Anthropology, and Department of Anthropology, UC, Berkeley

*Society for American Archaeology's Roald Fryxell Medal for Interdisciplinary Research (Physical Science)*. Awarded at the 84<sup>th</sup> Annual Meeting of the Society for American Archaeology, Albuquerque, New Mexico, 12 April 2019.

Society for American Archaeology's Award for Excellence in Archaeological Analysis, 2011

National Science Foundation sponsored XRF Laboratory, University of California, Berkeley (2007-2013).

**Publications (late 2022, early 2023). Lab reports always available at [escholarship.org](https://escholarship.org)**

- 2023 **Shackley, MS.:** Zinapécuaro, Michoacán, Mexican Obsidian Artifacts at Piedras Marcadas Pueblo's 16th Century Battlefield (LA 290), Middle Rio Grande Valley, New Mexico. *Kiva*, published online January 2023.
- 2022 Morgan, G.S., D.J. Koning, **M.S. Shackley**, D.W. Love, K.M. Hobbs, and A.P. Jochems: Early Pleistocene (Late Blancan) vertebrates from Simon Canyon, Socorro County, Central New Mexico. *New Mexico Geological Society Guidebook, 72nd Fall Field Conference*, pp. 265-279.
- 2022 Zena, A.G., A.I. Duff, A. Melesse, J.A. Wolff, A. Beladado, and **M.S. Shackley**: New dates for Megalithic Stele Monuments of Gedeo, South Ethiopia. *Journal of African Archaeology* 20:57-82.

Papers/Posters presented:

- Oas, S., B. Vernon, M. Peeples, B. Mills, J. Watts, J. Clark, **M.S. Shackley**, and S. Ortman  
2023 Exploring the dynamics of Late Precontact obsidian procurement and exchange networks across the US Southwest and Northwest Mexico using [cyberSW](#). Paper presented at the 18th Biennial Southwest Symposium, Santa Fe, New Mexico.

**Shackley, M.S.,** and F. Goff

2022 Contrasting geologic and geochronological views of Grants Ridge obsidian deposits, Mount Taylor Volcanic Field, New Mexico. Paper presented at the 2022 New Mexico Geological Society Annual Spring Meeting, Socorro, New Mexico.

Goff, F. and **M.S. Shackley**

2022 Origin of archaeological significant gravel and lag deposits on southwestern Horace Mesa, Mount Taylor region, New Mexico. Paper presented at the 2022 New Mexico Geological Society Annual Spring Meeting, Socorro, New Mexico.

Morgan, G.S., D.J. Koning, **M.S. Shackley**, D.W. Love, K.M. Hobbs, and A.P. Jochems

2022 Early Pleistocene (Late Blancan) vertebrates from Simon Canyon, Socorro County, central New Mexico. Poster presented at the 2022 New Mexico Geological Society Annual Spring Meeting, Socorro, New Mexico.

**Most Current Collaborators (excluding students and colleagues at Berkeley):**

Joseph Birkman, Department of Anthropology, University of New Mexico

Jeff Clark, Archaeology Southwest, Tucson

Michael Glascock, Missouri University Research Reactor Center, Columbia

Fraser Goff, Department of Earth and Planetary Science, University of New Mexico

Matthew Heizler, Laboratory of Geochronology, New Mexico Tech

Bruce Huckell, Department of Anthropology, University of New Mexico

Steven Mack, Southwest Archaeological Consultants, Santa Fe, New Mexico

Leah Morgan, Geochronology, USGS, Denver

Nadine Navarro, Department of Anthropology, University of New Mexico

Kieth Prufer, Department of Anthropology, University of New Mexico

Bryon Schroeder, Director Center for Big Bend Studies, Sul Ross State University, Texas

**Selection of former doctoral graduate students (Anthropology and Earth and Planetary Sciences):**

Bryan Cockrell (Ph.D. 2014), Metropolitan Museum of Art, New York, New York

Carolyn Dillian, (Ph.D. 2002) Chair, Dept. of Anthropology and Geography, Carolina Coastal University

Celeste Henrickson (Ph.D. 2014), Department of Anthropology, University of Utah, Salt Lake

Kathleen Hull, (Ph.D. 2002) Dept. of Anthropology, University of California, Merced

Jennifer Kahn, (Ph.D. 2005) Dept. of Anthropology, College of William and Mary, Virginia

Mark McCoy, (Ph.D. 2006) Dept. of Anthropology, Southern Methodist University, Texas

Leah Morgan (Ph.D. 2009), Director, Geochronology Laboratory, USGS, Denver

Lee Panich, (Ph.D. 2009) Dept. of Anthropology, Santa Clara University, California

Andrew Roddick, (Ph.D. 2008) Dept. of Anthropology, McMaster University, Canada

Flavio de Silva (Ph.D. 2019) Post-doc, Dept. of Anthropology, University of Alabama

Daniel Sosa (Ph.D. 2021) Department of Anthropology, California State University, San Bernardino

Kathleen Sterling, (Ph.D. 2005) Department of Anthropology, Binghamton University

James Watkins (Ph.D. 2010), Department of Earth Sciences, University of Oregon