

Christa J. Sadler, M.S.

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Education

M.S., Earth Sciences, 1991
Northern Arizona University, Flagstaff (GPA 4.0)

Graduate work, Geology/Paleontology, 1985 to 1987
University of California, Santa Cruz (GPA 4.0)

B.A., Physical Anthropology/Archeology, 1984
University of California, Berkeley (GPA 3.81)

Teaching/Guiding Experience

- 2023 - present
GUIDE and EDUCATOR, Pure Baja Expeditions. Guide whale watching expeditions on the Baja California peninsula.
- 2023 - present
GUIDE and TRIP LEADER, Haines Rafting Company. Guide river trips in southeast Alaska and the Yukon.
- 2021 - present
GUIDE and TRIP LEADER, Arctic Wild. Guide river and hiking trips in the Alaskan Arctic.
- 2012 - present
INSTRUCTOR, Glen Canyon Conservancy Field School. Design and teach single and multi-day natural history classes for the general public.
- 2016 - present
INSTRUCTOR, Petrified Forest Field Institute. Design and teach single and multi-day natural history classes for the general public.
- 2012 - present
ADJUNCT INSTRUCTOR, Flagstaff Arts and Leadership Academy. Escort and teach high school students on annual service field trips to the US-Mexico border and to central America.
- 2011 - 2019
GUIDE, Baja Expeditions. Guided sea kayaking and whale watching expeditions in the Sea of Cortez and Baja California peninsula.
- 1999 - 2016
GUIDE and TRIP LEADER, Wild Rivers Expeditions. Ran educational river trips on the San Juan River in southern Utah.
- 1999 - present
GUIDE and TRIP LEADER, Tour West, Inc. on the Colorado River in Grand Canyon and Cataract Canyon, and the Green River in Canyonlands National Park.

- 1997 - 2019
GUIDE and TRIP LEADER, Mountain Travel Sobek and Alaska Discovery. Ran river, sea kayaking and hiking trips in Alaska and the American southwest.
- 1997 - present
INSTRUCTOR, National Park Service and Xanterra. Design geology programs for students, teach geology classes and programs for Park Service and Xanterra personnel at Grand Canyon National Park.
- 1993 - 2020
INSTRUCTOR, Grand Canyon Conservancy Field Institute. Designed and taught single and multi-day natural history classes for the general public.
- 1993 **ASSOCIATE FACULTY**, Coconino County Community College, Introductory and Physical Geology (GLG 100 and 101).
- 1992 - 1998
INSTRUCTOR, Northern Arizona University for Introductory and Physical Geology and introductory paleontology courses.
- 1992 - 1995
ADJUNCT INSTRUCTOR, Prescott College. Taught field courses in geology, including the John Wesley Powell Course, a three month field class on the geology, geography and environmental issues of the Colorado Plateau.
- 1990 - present
OWNER/OPERATOR, This Earth. Brings earth science programs to the classroom, lab and field for elementary to high school students around the country.
- 1990 - 2000
INSTRUCTOR, Road Scholar Program of Northern Arizona (formerly Elderhostel). Taught single- to multi-day classes in regional geology in Flagstaff, Williams, Grand Canyon, Cameron, Tuba City, Sedona.
- 1989 - 1999
NATURALIST/LECTURER, Lindblad Expeditions. Lectured and led interpretive hikes on geology, archeology and anthropology of Baja California, Alaska and the southwestern United States.
- 1989 - 1990
TEACHING ASSISTANT, Middle and Junior High School Math and Science Teacher Training Program, Northern Arizona University. Designed and taught physical geology labs for undergraduate physical science/education majors.
- 1988 - 2017
GUIDE and TRIP LEADER, Canyon Explorations and Expeditions, Inc. on the Colorado River in Grand Canyon.
- 1987 - present
EDUCATOR, Museum of Northern Arizona, Flagstaff. Design and teach one to multi-day classes and field trips in geology, paleontology and archeology to children and adults. Designed outreach programs on paleontology for students in the Flagstaff public schools.

Field/Research Experience - Geology, Paleontology and Archeology

- 2014 - present
VOLUNTEER, paleontological and conservation field crews in Grand Staircase-Escalante National Monument.
- 2003 **TEAM MEMBER**, exploration of Grand Canyon for Permian ichnofossils, sponsored by the National Geographic Society.
- 1995 **FIELD MANAGER**, American Museum of Natural History/Mongolian Academy of Sciences 1995 expedition to the Gobi Desert.
- 1990 - 1991
PRINCIPLE INVESTIGATOR, research on Permian ichnofossils from Arizona and Utah. Described and analyzed arthropod tracks, experimented with possible trace makers.
- 1989 - 1990
GRADUATE RESEARCH ASSOCIATE, Department of Geology, Museum of Northern Arizona, Flagstaff. Described and analyzed ichnofossils from the Museum's collections.
- 1988 **SURVEYOR**, SWCA, Inc. Environmental Consultants. Surveyed and recorded archeological remains of Archaic, Hohokam and Paiute sites in southern Arizona.
- 1987 - 1990
PALEONTOLOGIST, Department of Geology, Museum of Northern Arizona. Surveyed and excavated Mesozoic paleontological remains on the Colorado Plateau under Dr. M. Morales and Dr. J. Eaton.
- 1987 **FIELD ASSISTANT**, Department of Anthropology, Museum of Northern Arizona. Surveyed, recorded and collected from Archaic, Paiute and Fremont sites in southern Utah. Project supervised by D. Keller, Museum of Northern Arizona.
- 1987 **RESEARCH ASSISTANT**, Department of Geology, University of California, Santa Cruz. Surveyed plant and intertidal communities in the Galapagos Islands, for taphonomic comparisons with ancient communities.
- 1985 **RESEARCH ASSOCIATE**, Museum of Paleontology, University of California, Berkeley. Studied tooth sizes of *Purgatorius* material in museum collection with Dr. W.A. Clemens.
- 1984 - 1985
ASSISTANT PALEONTOLOGIST, Department of Paleontology, University of California, Berkeley. Assisted in paleontological excavations of Late Cretaceous-Early Tertiary sediments, eastern Montana, with Dr. W.A. Clemens.
- 1984 **FIELD ASSISTANT**, Department of Anthropology, University of California, Berkeley. Excavated Miocene paleontological site, San Bernadino County, California, with Dr. N. Toth.

Related Professional Experience

- 2023 - present
MEMBER, US Bureau of Land Management Monument Advisory Committee, Grand Staircase Escalante National Monument.

2007 - present

VOLUNTEER on the Arizona-Mexico borderlands to bring water, basic first aid and food to migrants crossing the border.

1987 - 1990

FOSSIL PREPARATOR, Museum of Northern Arizona. Oversaw function of the lab, preparation of fossil material, lectures to docents and general public.

1984 - 1985

SENIOR MUSEUM PREPARATOR, Museum of Paleontology, University of California, Berkeley (Dr. W.A. Clemens). Curated and prepared fossil material, library research, editorial work.

1984 - 1985

RESEARCH ASSISTANT, Institute of Human Origins, Berkeley. (Dr. D.C. Johanson). Editorial work, casted fossil material, photo work, library research.

1982 - 1984

LABORATORY ASSISTANT AND CURATOR, Laboratory of Human Osteology and Evolutionary Studies, University of California, Berkeley (Drs. T.D. White and F.C. Howell). Prepared and reconstructed human skeletons, curated fossil primate material.

Publications

Beus, S., J. Mead, C.J. Sadler, T. Rang, and L. Laughran. 1989, 1990. Laboratory Manual For Geology and Physics. Science and Mathematics Teacher Training Program, Northern Arizona University.

Sadler, C.J. 1992, "The Colorado River Through Grand Canyon." Review for the Journal of the Arizona-Nevada Academy of Sciences, Vol. 26, p. 50.

Sadler, C.J. 1993, "Arthropod trace fossils from the Permian De Chelly Formation, Northeastern Arizona," Journal of Paleontology, Vol. 67, No. 2, pp. 240-249.

Sadler, C.J. 1993, "Life in Stone: Fossils of the Southwest." Plateau Magazine, Vol. 64 No. 3. Museum of Northern Arizona, Flagstaff.

Sadler, C.J. (ed.), 1994, *There's This River... Grand Canyon Boatman Stories*. Red Lake Books, Flagstaff, Arizona.

Sadler, C.J. 1995, "No Turning Back," IN Cañon Journal, Vol. 1, No. 1, Museum of Northern Arizona and the Grand Canyon Association, Flagstaff and Grand Canyon.

Sadler, C.J. 1995, "What a Trip!" IN Sedona Magazine, Vol. 10, No. 4 .

Sadler, C.J. 1996, "This Museum is Living and Growing," IN Sedona Magazine, Vol. 11, No. 2.

Sadler, C.J. 1996, "Mongolia's Gobi Desert," IN Earth Magazine, Vol. 5, No. 4.

Sadler, C.J. 1996, "The Flood of '96," IN Earth Magazine, Vol. 5, No. 5.

Sadler, C.J. 2002, "The Shape of the Land: Landscapes of the Colorado Plateau," IN Plateau Journal, Vol. 6, No. 1 Museum of Northern Arizona, Flagstaff.

Sadler, C.J. 2005, *Life in Stone: Fossils of the Colorado Plateau*. Grand Canyon Conservancy, Grand Canyon, Arizona.

Sadler, C.J. 2006, "Deep Time," IN Sojourns, Winter/Spring 2006. Peaks, Plateaus and Canyons Association.

- Sadler, C.J. (ed.) 2006, *There's This River...Grand Canyon Boatman Stories*. This Earth Press, Flagstaff, Arizona.
- Sadler, C.J. 2007, "A Thirsting Land," *IN Plateau*, Summer 2007. Museum of Northern Arizona., Flagstaff.
- Sadler, C.J. 2007, "Water Shapes Land Shapes Water," *IN Sojourns*, Winter/Spring 2007. Peaks, Plateaus and Canyons Association.
- Sadler, C.J. 2010, "The Geography of Hope," *IN Sojourns*, Volume 5 Number 2. Peaks, Plateaus and Canyons Association.
- Sadler, C.J. "No Turning Back" *IN Permanent Vacation*. Bona Fide Books, Lake Tahoe, CA.
- Sadler, C.J. "House of Stone and Time: The Grand Canyon as Home" *IN SiteLines: Journal of the Foundation for Landscape Studies*. Fall, 2013.
- Sadler, C.J. 2015, *Dawn of the Dinosaurs: the Late Triassic in the American Southwest*. Petrified Forest Museum Association.
- Sadler, C.J. 2016, *Where Dinosaurs Roamed: Lost Worlds of Utah's Grand Staircase*. Glen Canyon Conservancy.
- Sadler, C.J. 2018, "Running Cold" *IN Permanent Vacation II*. Bona Fide Books, Lake Tahoe, CA.
- Sadler, C.J. 2018, *The Colorado*. This Earth Press and Project Colorado.
- Sadler, C.J. in prep, *Dinosaur Frontier: Utah at the Dawn of the Cretaceous*. This Earth Press, Flagstaff, AZ.

Awards and Grants

- Honor Student, University of California, Berkeley (1980-1984)
- Phi Beta Kappa, University of California, Berkeley (1983-1984)
- Graduate Opportunity Program Fellowship, Univ. of CA, Santa Cruz (1985-1986)
- E. Blois du Bois Foundation Scholarship, Northern Arizona University (1989-1991)
- Geological Society of America (1990)

References available upon request