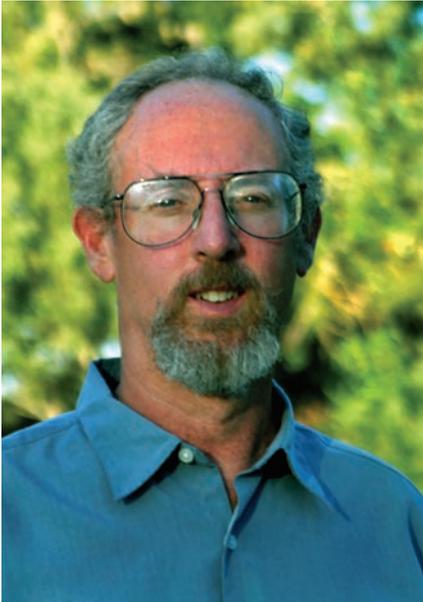


About the Authors



Peter A. Scholle received his B.S. in Geology from Yale University in 1965. After spending a year on a Fulbright-DAAD fellowship at the University of Munich in Germany, and another year at the University of Texas at Austin (mainly taking petrography classes from Bob Folk), he went to Princeton University, receiving his Ph.D. in geology in 1970. His dissertation work, on deep-water carbonate turbidites in the Italian Apennines, was supervised by Al Fischer.

Peter's professional career has covered a wide range of employment, including state and federal government, the petroleum industry, and academia. He worked for five years for various oil companies (Cities Service, Gulf and Chevron) and consulted for other oil companies for many years. Nine years were spent with the U. S. Geological Survey in Reston (VA) and Denver (CO), including three years as chief of the Oil and Gas Branch. He taught at the University of Texas at Dallas for three years and was Albritton Professor of Geology at Southern Methodist University in Dallas from 1985 to 1999. At SMU, he taught courses in geology, environmental science, and oceanography and developed computer-based instructional media. He also had the good fortune to teach field seminars in carbonate sedimentology and reef ecology in places such as the Cayman Islands, Barbados, and the Bahamas. Since 1999, he has been at the New Mexico Institute of Mining and Technology in Socorro where he is the State Geologist and Director of the New Mexico Bureau of Geology and Mineral Resources (the state geological survey).

Peter also devoted much of his time in those jobs to carbonate research and writing. His major interests were (and remain) in deep-water carbonates (especially chalks) as well as the diagenesis and petroleum potential of Permian carbonate and evaporite deposits in many areas of the world. He has worked in nearly 30 countries and has written, coauthored, or edited eight books, more than 150 papers and abstracts, 23 CD-ROMs, and a number of other computer or audio-visual products. Peter has been a member of AAPG and SEPM since 1976-77; he is a GSA Fellow and a member of IAS, AASG, AIPG, and several local societies. He was an AAPG Distinguished Lecturer (1975-76) and received the AAPG President's award twice, the Sproule Memorial Award, and the AAPG Certificate of Merit. He served as president and special publications editor of SEPM and is now an honorary member of that society.

Dana S. Ulmer-Scholle developed an early love of carbonate rocks and fossils while growing up on the classic Upper Ordovician outcrops around Cincinnati, Ohio. She received a B.S. degree in 1981 from the University of Cincinnati (under the tutelage of Drs. Wayne Pryor and Paul Potter). While at the University of Cincinnati, an Amoco Fellowship provided her with an opportunity to work at Amoco Oil and Gas Co. each summer during her undergraduate career. Dana completed an M.S. degree at Southern Methodist University in Dallas, TX, in 1983, working on the Mississippian Arroyo Peñasco Group of New Mexico (with Robert Laury). After a stint working for ARCO Exploration Co., she returned to SMU for a Ph.D. (received in 1992). Her dissertation research, done with Peter Scholle and Robert Laury, concentrated on evaporite-related diagenesis in upper Paleozoic carbonate rocks from New Mexico, Wyoming and Greenland.

Dana has worked, or consulted, for a number of companies including ARCO Exploration, ARCO International, Mobil Research, and Maersk Oil and Gas. She was the technical editor for SEPM Special Publications from 1994-1997 and managed SMU's student computer labs for several years where she developed an interest in computer-based learning. She had co-lead student trips to the Cayman Islands as well as AAPG Field Seminars (with Peter and Robert Goldstein) to the Permian Reef Complex in West Texas/New Mexico and Mississippian and Pennsylvanian bioherms in New Mexico. Dana is a Senior Research Scientist at the New Mexico Institute of Mining and Technology and is an adjunct faculty member in the Department of Earth and Environmental Sciences. She currently teaches carbonate-related courses including petrography, depositional/diagenetic models, and field studies. Her research interests continue to include carbonate sedimentology and diagenesis, petrography, low-temperature isotope and trace element geochemistry, fluid inclusion analysis, and fluid flow histories in carbonate rocks. Since arriving at New Mexico Tech, however, she has also become involved in environmental investigations that include heavy-metals bioremediation.

