



SAXIGENUS

geological arts and sciences

ROBERT CHRISTOPHER TACKER

rctacker@saxigenus.com

919.219.4360

EXHIBITS

EXHIBIT DESIGN AND DEVELOPMENT

- Involved with all stages of design, development and installation of earth science exhibits for the North Carolina Museum of Natural Sciences
- Extensive collaboration with academic specialists, film and video crews, script writers and editors, animators, graphic artists, diorama fabricators, text writers and editors
- Provided all geological scientific content and expertise in design and development of permanent and temporary exhibits in the North Carolina Museum of Natural Sciences
- Involved with all stages of design, development, installation and mount making for temporary exhibit *Treasures Unearthed*. Exhibit resulted in the donation of the entire collection to the Museum.

PROFESSIONAL SCIENTIFIC EXPERIENCE

More than 35 years of experience in geosciences: mineralogy and gemstones, geochemistry, microanalysis and imaging (SEM, BSE), volcanic and igneous processes, Precambrian soft-bodied fossils, ore deposit genesis and mineral synthesis. Extensive study in meteorite petrogenesis, tsunami hazards, gold history, climate change, East Coast U.S. sedimentary record and Appalachian tectonic history.

PROFESSIONAL EXPERIENCE IN SCIENTIFIC OUTREACH

Eighteen years of experience in all aspects of scientific outreach at the North Carolina Museum of Natural Sciences. Includes collaboration with WUNC-TV series *Exploring North Carolina*. Featured in four episodes.

EDUCATION AND LICENSING

Degrees in Geology: Ph.D, 1992, William Marsh Rice University; M.Sc., 1986, University of Maryland, College Park; B.Sc., 1983

North Carolina Licensed Professional Geologist number 1497

PROFESSIONAL EMPLOYMENT

Research Curator II for Geology, North Carolina State Museum of Natural Sciences (November, 1996-date)

ADDITIONAL SKILLS

- Photographer, photomicroscopy, micro-imaging
- Forty years of experience as an amateur musician playing multiple instruments
- Jewelry maker, mount maker

REFERENCES

Available on request

Robert Christopher Tacker, Ph.D., P.G.
4009 Huckleberry Drive, Raleigh, North Carolina 27612
rctacker@saxigenus.com