

Dr. Bruce Herbert – Sterling C. Evans library At Texas A&M

Dr. Bruce Herbert is Professor of Geology and currently serves as the Director of the Office of Scholarly Communications in the Sterling C. Evans library At Texas A&M. As Director of OSC, Dr. Herbert is responsible for strengthening the Library's efforts in scholarly communications and open access through engagement and collaboration with the faculty across campus at Texas A&M University. Dr. Herbert's scientific research explores questions concerning biogeochemical processes that mediate the interactions between human society and ecosystems, including the fate and bioavailability of contaminants, natural and human perturbations of nutrient and organic carbon, and human impacts on ecosystem functioning. In addition, Dr. Herbert is actively pursuing research that characterizes human understanding of complex earth systems; the professional development of future faculty and teachers; and the design of tertiary educational programs that promote learning for all students, develop synergy between educational and research activities, and address major societal issues. Dr. Herbert has served as the Associate Director of Geosciences in the NSF-supported Information Technology in Science (ITS) Center for Learning and Teaching at Texas A&M University, the principal investigator of the NSF Teacher Professional Continuum program entitled Professional Learning Community Model for Alternative Pathways in Teaching Science and Mathematics, PLC-MAP, and co-PI of the NSF-sponsored CIRTL Network – Shaping, Connecting, and Supporting the Future National STEM Faculty.