

Brian Beard - Associate Research Professor, University of Wisconsin-Madison (PhD, Wisconsin)

Research Interests: Brian is an isotope geochemist with a major research effort to develop the Fe and Mg stable isotope systems. This effort includes experimental studies to characterize fluid mineral fractionations suitable for understanding authigenic mineral formation and development of new femto second laser ablation methods to make high precision isotope analysis on minerals within their petrographic framework. Other areas of research include geochronology, volcanology, sedimentary provenance studies, forensic sciences, and development of miniaturized instrumentation suitable for deployment on space-craft.