

1014-97-1760 **Charles Peter Funkhouser** (Charles.Funkhouser@mso.umt.edu), 10840 Grant Creek Road, Missoula, MT 59808, and **A. Duane Porter*** (adporter@uwyo.edu). *Native American-based Materials for Undergraduate Mathematics Courses.*

This session will present materials based in the culture and mathematics of Native American peoples from the Western and Plains states. Mathematical topics include probability, number theory, transformational geometry, and preservice elementary and secondary education-related. These materials—both paper and electronic—are classroom-ready, and were developed and piloted in consultation with American Indian tribes in the Pacific Northwest, Rocky Mountain States and the Plains. This research is part of an ongoing DUE grant from NSF. (Received September 29, 2005)