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**Charles Peter Funkhouser\*** (cfunkhouser@fullerton.edu), Mathematics Department, California State University, P.O. Box 6850, Fullerton, CA 92834, and **Scott A. Annin** and **Miles Pfahl**. *Native American-based Mathematics Materials for Undergraduate Courses*. Preliminary report.

This project develops and researches undergraduate mathematics materials based in the culture and mathematics of Native American Peoples from the Western and Plains states. Mathematics topics include probability, number theory, transformational geometry, and pre-service elementary and secondary education-related content. These materials—both paper and electronic—are classroom ready, and are developed and piloted in consultation with tribes in the Pacific Northwest, the Rocky Mountains, and the Plains. This work is an NSF TUES Type 2 funded project. (Received September 22, 2011)