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Charles P. Funkhouser* (cfunkhouser@fullerton.edu), **Miles R. Pfahl** and **Harriet C. Edwards**. *Discovering Undergraduate Mathematics in Native American Culture*.

This project has developed and researched mathematics materials based in the culture and mathematics of Native American Peoples. Mathematics topics include the history of mathematics, probability and statistics, number theory, transformational geometry, calculus, and preservice elementary and secondary education-related content. These materials generated—both paper and electronic—are classroom ready for integration into undergraduate courses, and are developed and piloted in consultation with Tribes in the Rocky Mountains, the Plains, the Pacific Northwest, and the Southwest. This work is an NSF DUE TUES Type 2 funded project. (Received August 19, 2015)