

Oil & Gas Research Program- Grant Round 41- Application Summaries						
Application Number	Application Title	Applicant	Project Duration	Summary of Project	Funding Requested	Total Project Cost
G-41-A	Functional Nanoparticle-Augmented Surfactant Fluid for Enhanced Oil Recovery in Williston Basin	Department of Petroleum Engineering, Department of Chemistry, Institute of Energy Studies, University of North Dakota	36 Months	This project will develop and evaluate a nanoparticle-enhanced surfactant fluid for enhanced oil recovery (EOR) in the Bakken Formation, with the goal of improving oil recovery from tight reservoirs by increasing the effectiveness and mobility of surfactants while reducing costs and environmental impacts.	\$769,134	\$1,724,006
G-41-C	Effects of Cropping Sequence, Ripping, and Manure of Pipeline Reclamation in Western ND	North Dakota State University – Williston Research Extension Center	48 Months	This project will evaluate long-term reclamation practices for agricultural lands disturbed by pipeline installation by assessing cropping systems, deep tillage, and manure applications to improve soil health, reduce compaction, and restore crop productivity, while developing best management practices for pipeline reclamation.	\$652,640	\$1,305,280