

University of Louisiana Lafayette

Current Projects

- Evaluating Fermentation Methods for the Production of Ethanol from Rice Starch
- Elucidating Kinetics Constants for the Fermentation-Based Production of Ethanol from Sweet Potato Starch
- Production of Biogas from Waste Algal Cakes
- Fermentation of Sweet Potato Wastes Produced from Louisiana Farms for the Production of New Lipid Sources
- Enzymatic Transformation of Glycerol into Propanaldehyde
- Biodiesel Production from Tall Oils Generated at a Louisiana Facility
- Utilization of Seafood Wastes as Lipid Sources for Biodiesel and Renewable Diesel Production
- Capture of Lipids from Sewage Sludge Feedstocks
- Kinetic Modeling of Biodiesel Production under Supercritical Conditions
- Assessment of Petro-Diesel Displacement Alternatives based on Biomass Feeds
- Optimization of Mixed Poultry-Based Feeds for High-Rate Production of Biogas using Anaerobic Cultures