



2009 Seed Grants

Feedstock Engineering, Plant Biotechnology & Crop Science

Seed Grant: Characterization and optimization of lipid accumulation in oleaginous algae from the C2B2 culture collection

Principal Investigator: Al Darzins

C2B2 Institution: National Renewable Energy Laboratory

Seed Grant: Micro-nutrient effects on biomass quality in Poplar: Effects of copper status on laccase activity and lignification.

Principal Investigator: Marinus Pilon

C2B2 Institution: Colorado State University

Biochemical Engineering

Seed Grant: Tools for improving strain selection through engineering of energy metabolism

Principal Investigator: Ryan Gill

C2B2 Institution: University of Colorado

Process Engineering

Seed Grant: Development of a nanoparticle-based coagulation method for cost-effective microalgae harvesting

Principal Investigator: Hongjun Liang

C2B2 Institution: Colorado School of Mines

Product Engineering

Seed Grant: Demonstration of Bio-Alcohol/FAME Blends with Tailored Low Temperature Chemistry for Enhanced Homogenous Charge Compression Ignition (HCCI) Engine Performance

Principal Investigator: Anthony Marchese

C2B2 Institution: Colorado State University

Seed Grant: Pyrolysis of Biomass to Produce Biochar and Syngas

Principal Investigator: Alan Weimer

C2B2 Institution: University of Colorado

System Assessment and Analysis

Seed Grant: Lifecycle Sustainability Assessments for Microalgal Biofuel Production

Principal Investigator: Thomas Bradley

C2B2 Institution: Colorado State University