

Algal Biofuels Biochemical Composition Workshop – Preliminary Agenda

New Mexico State University, Main Campus, Las Cruces, NM

July 12th - 14th, 2015

Schedule

Sunday, July 12 – Travel to Las Cruces, 3 p.m. Meet at Corbett Center, Orientation, Show students to dorms as necessary. Dinner on your own.

Monday, July 13 – Lipid Quantitation by GC/MS FAMES analysis

8:00 FAMES Methods Description, Skeen Hall Classroom, breakfast provided

9:00 – 11:30 Students prepare microalgal lipid extracts for FAME analysis, begin GC/MS analysis

12:00: Lunch, Taos Cafeteria

1:00 – 4:00 pm: Hands-on GC/MS analysis of student samples, data analysis and interpretation

4:00 – 6:00 Poster Session, networking and food

Tuesday, July 14th

8:00 Carbohydrate and Protein Methods Description, Skeen Hall Classroom, breakfast provided

9:30 Hands-On Carbohydrate sample prep and analysis

12:00 Lunch, Taos Cafeteria

1:30 Hands-On Protein Analysis

Afternoon: Student Q & A, follow-up, depart NMSU as analyses finish