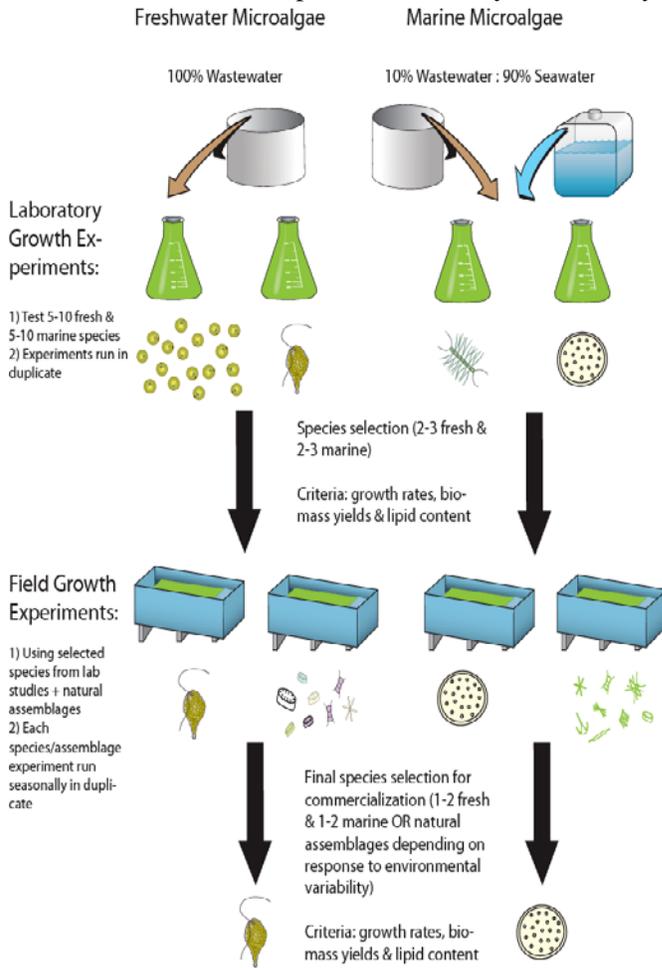




Based on these discussions, we pursued further contacts with Petroalga and MRI. Contact with MRI resulted in the submission of two research proposals. The partnership with Petroalga requires that we build an marine algal cultivation facility close to the ocean. Thus, we are currently in discussions with the Director of the FSU Coastal and Marine Laboratory, Dr. Felicia Coleman, to move forward on this partnership with Petroalga.

SABER has entered into a partnership with the city of Tallahassee to optimize the growth of algal biomass for fuel from the city's nutrient-rich wastestream. See Figure 2 for details on the research plan. The city has offered the use of land at the plant to build a pilot scale algal cultivation facility. SABER will build the pilot scale facility and the city will offer some analytical services as a match.



The city also has an operating biorefinery for transforming vegetable grease into biodiesel through a transesterification process. We are exploring the possibility of using this refinery to produce biodiesel from algal biomass. Secondly, we discussed the establishment of a recycling program on campus for oils from food waste to be used as a feedstock for the production of biofuels.

A total of 9 proposals and white papers have been submitted to federal agencies for funding. A number of biofuels meetings were attended by the PIs. A principal investigator meeting for the SABER program was convened by the PI in September. The goal of the meeting was to report on research progress and discuss further collaborations within IESES at FSU. This meeting was a resounding success, and the presentations are available upon request. Numerous other meetings were attended by the PI with state and local officials that are not listed.

Figure 2.