

GRA Position in Bio-based Products

Position Summary:

The Department of Food, Agricultural and Biological Engineering (FABE) invites Master's degree applicants for a graduate research assistantship in the area of bio-based polymers and bio-products. The successful candidate develop biodegradable polycarbonate products from soybean oil and carbon dioxide via sustainable synthetic approaches, which specifically includes synthesizing bio-based polycarbonates polymers and plastics with desirable properties, developing sustainable synthetic routes, characterizing the properties of obtained polycarbonate plastics, and testing the biodegradability

Qualifications:

A Bachelor's degree in Chemical Engineering, Material Science, Food Engineering or other related Engineering discipline. Strong written and oral communication skills

Salary and Benefits:

Starting salary/stipend will be competitive. The position will include full benefits as per OSU guidelines, including tuition and health care benefits.

Anticipated Starting Date: Spring semester 2019.

Contact:

If interested, send a cover letter expressing your interest and background, CV, transcripts (*unofficial/scanned copies for this initial contact*) and test scores (TOEFL and GRE) to:

Harold M Keener, Ph.D., Professor
The Ohio State University
Department of Food, Agricultural and Biological Engineering
1680 Maddison Ave, Wooster, OH
Email: Keener.3@osu.edu

Shaoqing Cui, Ph.D., Research Scientist
The Ohio State University
Department of Food, Agricultural and Biological Engineering
1680 Maddison Ave, Wooster, OH
Email: cui.411@osu.edu