Ph.D. position on biomaterials and biointerfaces in food and agriculture

Highly qualified and motivated individuals are encouraged to apply to join the Goddard Lab on Biomaterials and Biointerfaces as Ph.D. candidates in the Department of Food Science at Cornell University. We are an interdisciplinary group focused on understanding how materials in our food system (e.g. packaging, processing, handling materials) influence the safety, quality, and sustainability of our food supply.

Overall research thrusts in the Goddard Lab center around materials chemistry and bioactivity for improving food safety and reducing food waste. Active research projects include development of active packaging materials, antimicrobial materials, nonfouling coatings, and biocatalytic materials. Students with prior research experience in Food Chemistry, Materials Science, Polymer Chemistry, Enzymology/Protein Chemistry or related fields are strongly encouraged to apply. Candidates are required to have English proficiency and excellent writing and communication skills, ability to conduct independent research in a collaborative environment, and a high degree of self-motivation.

Students in the Goddard Lab have access to world class shared user facilities across the Cornell Campus and excellent collaborative opportunities to conduct their dissertation work. The group has an established record of job placement (industry and academia), research awards, publication, and active participation in conferences.

Qualified and motivated applicants are encouraged to contact Professor Julie M. Goddard (goddard@cornell.edu) with complete CV, GRE, TOEFL, and a brief statement of research interest.