Ph.D. position on chelating polymers for food safety and quality

The Goddard Lab on Biomaterials and Biointerfaces in the Department of Food Science at Cornell University is seeking a highly motivated Ph.D. student to join the lab in Fall 2016. 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. We are actively seeking a new Ph.D. candidate to design, synthesize, and characterize the efficacy of metal chelating active packaging materials.

Students with prior research experience in Food Chemistry, Materials Science, Polymer 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 such as the Cornell Nanoscale Science & Technology Facility (CNF), NanoBioTechnology Center (NBTC), and the Cornell Center for Materials Research in order to conduct their dissertation work.

Currently, Dr. Goddard is an Associate Professor at the University of Massachusetts and information on her active research program can be found at www.umass.edu/goddardresearch. Professor Goddard and her research group will be relocating to Cornell University in July 2016. Our laboratory will be located in the newly renovated Stocking Hall within the Food Science Department. 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 (jmg26@cornell.edu) with complete CV, GRE, TOEFL, and a brief statement of research interest.