



College of Pharmacy
Pharmaceutical Sciences

Bioengineering technologies for oral drug delivery

About the Speaker:

Dr. Rebecca Carrier
Northeastern University

Presentation Information:

Monday,
March 9, 2014
12:00 p.m.
Hannaford Lecture Hall



The goal of Dr. Carrier's research program is to relate material properties to biological response in drug delivery and regenerative medicine to enable technologies that benefit human health. Current focus areas include: 1. Oral drug delivery, specifically mechanistic studies and modeling to predict the impact of lipids on oral compound absorption, 2. Intestinal mucus barrier properties and their modulation to enable efficient drug delivery and control pathogen invasion, and 3. Biomimetic materials for intestinal cell culture and intestinal and retinal tissue engineering.