

*William G. Lowrie Department of*  
**Chemical and Biomedical Engineering**



*You are cordially invited to attend a seminar on*  
**Biodegradable Multilayered Nanofilms  
for Cell Isolation and Recovery**



**Wei Li**

*Assistant Professor  
Department of Chemical Engineering  
Texas Tech University*

**Thursday, March 28, 11:30 AM  
130 Koffolt Lab  
CBEC 151 W Woodruff Ave  
Reception at 11:00 CBEC Lobby**

Wei Li is an assistant professor in the Chemical Engineering department at Texas Tech University. He obtained his Ph.D. in Polymer Chemistry and Materials at the University of Toronto in 2010. His doctoral thesis focused on the development of droplet-based microfluidic systems for complex reactions and processes. Following his graduate studies, he received a Natural Sciences and Engineering Research Council of Canada (NSERC) Postdoctoral Fellowship to work with Prof. Paula Hammond at MIT. His work at MIT involved biomimetic 3D cell culture of pancreatic beta cells and layer-by-layer nanofilms for controlled release of anticancer drugs. Dr. Li's research at Texas Tech is combine microfluidics and nanoassembly techniques to develop novel biofunctional polymer surfaces and microdevices for biological applications. His group is currently working on 3D cell microenvironments, organ-on-a-chip, cell separation, bio-imaging sensors, and cancer drug screening. His research has been funded by Cancer Prevention and Research Institute Texas (CPRIT) and National Institute of Health (NIH).

**Seminar flyer**