

Postdoctoral Researchers and Graduate Degrees Conferred in the Biopolymer Lab at the University of Alabama



Angela M. Thornton, M.S. , 2000

Thesis: Targeting of Cardiovascular Drugs using Cationic Hydrogels based on Poly(2-hydroxyethyl methacrylate-co-N,N-diethylaminoethyl methacrylate)

UPDATE: working on M.D. degree at UAB

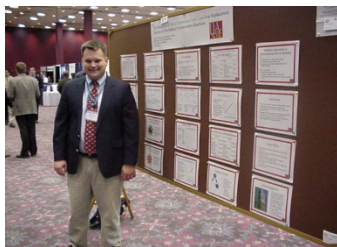


[Xiao Huang](#), Ph.D., 1999-2002

Project: Analysis of the Burst Effect in Poly(vinyl alcohol) Hydrogel Controlled Release Systems

[ACS Orlando '02 Presentation Handouts](#)

UPDATE: Currently a Research Engineer with International Flavors and Fragrances, New Jersey



[Michael G. Benton](#), M.S., 2000-2002

Project: Use of Environmentally-Friendly Ionic Liquids in Free Radical Polymerizations of Methyl Methacrylate

UPDATE: Currently an assistant professor, Louisiana State University, Baton Rouge, LA



[Mustafizur Rahman](#),

Ph.D., October 2006

M.S., May 2004 (UA)

Project: Use of Ionic Liquids as Plasticizers for PVC and PMMA

UPDATE: Currently a postdoctoral researcher with the Green Manufacturing Research Group, Tuscaloosa, AL



Linfeng Wu, Ph.D., June 2007

Experimental and Theoretical Verification of Surface Crosslinking as a Method to Reduce the Burst Effect in Drug Delivery Systems

UPDATE: Currently a postdoctoral researcher at the Penn State Medical School, Hershey, PA



Dr. Dong-Hyun Kim, Postdoctoral Researcher, 2006-2008

Project: Magnetic Hyperthermia Treatment of Cancer

UPDATE: Currently at Argonne National Laboratories



Induvadana Ankareddi, Ph.D., May 2008

Development of Thermally-Responsive Graft Copolymers for Magnetothermal Drug Delivery



Chuanqian Zhang, M.S., April 2008

Solving the Bio-Heat Equation to Model Magnetically-Induced Hyperthermia

UPDATE: Currently pursuing an MBA in the University of Alabama School of Business



Mary Kathryn (MK) Sewell, M.S., June 2009

Visualization of Nanoparticle-Cell Interactions in Model Biological Systems

Undergraduate Laboratory Research Assistant, Fall 2006-Spring 2008
Magnetothermal Response and Drug Delivery from Hydrogels Loaded with FePt Nanoparticles



John Melnyczuk, M.S., December 2009
Pore-Filled HPC/PHEMA Hydrogels for Positive Thermosensitive Drug Delivery



James Bennett, M.S., Fall 2009-Spring 2012
Magnetic Polymer Micelles for Triggered Delivery of Chemotherapy Agents