

## Iprime Workshop

### Release from Polymer Coatings and Particles

sponsored by the Microstructured Polymers Program and the Center for Drug Delivery

Wednesday, March 3, 2004

Digital Technology Center, 4<sup>th</sup> Floor Walter Library

- 8:30           **REGISTRATION and COFFEE**
- 9:00           Ron Siegel, Pharmaceuticals, U of M  
*Fundamentals of Release from Polymer Systems*
- 9:45           Randy Sparer, Medtronic, Inc.  
*Design Aspects of Drug Delivery from Polymers*
- 10:30          **BREAK**
- 11:00          Tim Lodge, Chemistry and CEMS, U of M  
*What Do We Know About Small Molecule Diffusion in Polymers?*
- 11:30          George Hawkins, Schlumberger  
*Application of Controlled Release Technology in Hydraulic Fracturing of Oil and Gas Wells*
- 12:00          **LUNCH**
- 1:00           Greg Haugstad, Characterization Facility, U of M  
*Imaging and Quantifying Phase Segregation on Block Copolymer Coatings with Dynamic Force Microscopy*
- 1:25           Anna Belu, Medtronic, Inc.  
*Chemical Characterization and Imaging of Drug Delivery Systems Using Surface Analysis*
- 1:50           Effie Kokkoli, CEMS, U of M  
*Peptide-Amphiphiles for Targeted Drug Delivery*
- 2:15           Jim Stefely, 3M  
*Sustained Release Materials in Pulmonary Drug Delivery*
- 2:40           **BREAK**
- 3:10           Raj Patel, Titan Pharmaceutical  
*Development of Probuphine(R) for Treatment of Opiate Addiction*
- 3:35           Frank Bates, CEMS, U of M  
*Design of Novel Polymersomes*
- 4:00           Bill Elmquist, Pharmaceuticals, U of M  
*Bioactivity of the Block Copolymer Pluronic P85 and its Application in Drug Delivery to the Brain*
- 4:25           **CONCLUSION**