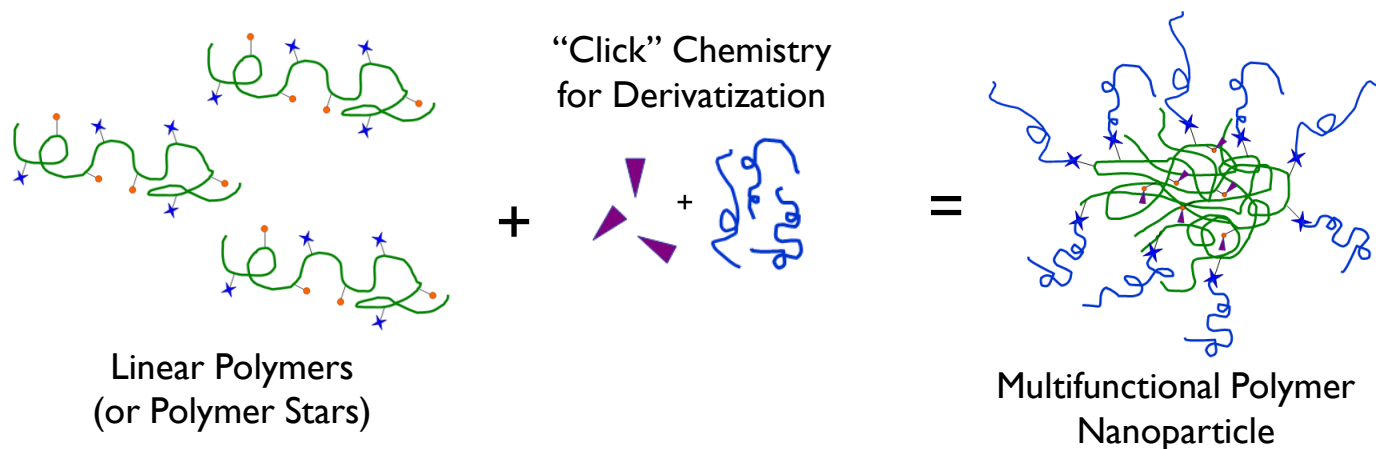


Brooke A. Van Horn, Assistant Professor



Teaching and Research Interests

Organic Chemistry,
Polymer Chemistry,
Materials

Designing Functional Polymeric Nanostructures

Block copolymers and organic nanoparticles with reactive functional groups for derivatization with “click” chemistries

Working With Students to Prepare and Characterize Biomedically-Relevant Nanoparticles

Synthesis of biocompatible and biodegradable polymer nanoparticles and utilization of “click” chemistries for conjugating medical imaging agents (for CT, MRI, PET imaging) and drug molecules to the particles

