



Samantha Page Ph.D.

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Samantha Page, Ph.D. is a Senior Patent Agent with expertise in the fields of polymers and materials science, specifically on matters related to polymer chemistry, polymer composites, nanotechnology, and chemical engineering. Before beginning her career as a patent practitioner, Samantha completed her Ph.D. in the Polymer Science and Engineering Department at the University of Massachusetts, Amherst, focusing on synthetic polymer chemistry. Samantha's doctoral research centered on developing a new synthetic polymer-based platform for biomedical applications, though her time at UMass provided exposure to a variety of polymers tailored for different applications including polymer/nanoparticle composites, polymer assembly, and polymers for electronic applications. Samantha has experience in patent application preparation, as well as both foreign and domestic prosecution. She works closely with various leading polymer materials companies as well as major research universities, with technologies ranging from monomer synthesis through end-use applications.

CAPABILITIES

Practice Areas

- Biotechnology/Life Sciences
- Intellectual Property & Technology
- Patent Prosecution & Protection

BAR ADMISSIONS

- United States Patent and Trademark Office

RECENT NEWS, ARTICLES & SPEAKING ENGAGEMENTS

- End Functionalized Phosphorylcholine Methacrylates and Their Use in Protein Conjugation
co-author with Samanta D., Cooper B., Hu Y. and Emrick T., *Biomacromolecules*, 19, 2891-2897, 2008
- Promoting Cell Adhesion on Slippery Phosphorylcholine Hydrogel Surfaces
co-author with Parelkar S., Gerasimenko A., Shin DY., Peyton SR., and Emrick T., *J. Mater. Chem B.*, 2, 620-624, 2014
- PEG-Phosphorylcholine Hydrogels as Tunable and Versatile Platforms for Mechanobiology
co-author with Herrick WG., Nguyen TV., Sleiman M., Emrick T. and Peyton SR., *Biomacromolecules*, 14, 2294-2304, 2013
- Disulfide Cross-linked Phosphorylcholine Micelles for Triggered Release of Camptothecin
co-author with Martorella M., Parelkar S., Kosif I. and Emrick T., *Mol. Pharmaceutics*, 10, 2684-2692, 2013
- Pentafluorophenyl Ester-Functionalized Phosphorylcholine Polymers; Preparation of Linear, Two-Arm, and Grafted Polymer-Protein Conjugates
co-author with Chen X., Kratz K., Samanta D., Henchey E., Schneider S. and Emrick T., *Biomacromolecules*, 13, 2099-2109, 2012
- PEGylated Polymers for Medicine: from conjugation to self-assembled systems
co-author with Joralemon M., and Emrick T., *Chem. Commun.*, 43, 6261-6263, 2010
- Polymer-Protein Conjugation in Ionic Liquids
co-author with Chen X., Samanta D., and Emrick T., *Macromolecules*, 43, 6261-6263, 2010
- Polymeric Phosphorylcholine-Camptothecin Conjugates Prepared by Controlled Free Radical Polymerization and Click Chemistry
co-author with Chen X., Parelkar S. and Emrick T., *Bioconjugate Chem.*, 20, 2331-2341, 2009

MEMBERSHIPS

- American Chemical Society , Member

EDUCATION

University of Massachusetts, Amherst Ph.D., Polymer Science and Engineering 2014

- Graduate Research Assistant (2008-14)

- National Science Foundation Graduate Research Fellowship (2010-13)

- Macromolecular Materials Gordon Research Seminar, Chair (2011); Invited Speaker (2013)

- Polymer Science & Engineering Santos Go Memorial Fellowship (2009)

Mount Holyoke College B.A., Chemistry 2008

MORE THAN STITES & HARBISON

After graduate school, Samantha started her patent career as a technical advisor and then patent agent with a large intellectual property firm based in Hartford, Connecticut.

*Non-Attorney