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Andrew P. Vogt
Curriculum Vitae
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Department of Chemistry - Southern Methodist University
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Born: September 18, 1980 Omaha, NE

Texas Lutheran University Seguin, TX
B.S. Chemistry 2005 Advisor: Dr. John V. McClusky

Southern Methodist University Dallas, TX
Ph.D. Chemistry 2009 Advisor: Dr. Brent S. Sumerlin
expected graduation date

Positions

Southern Methodist University – Graduate Student Assembly (G.S.A.)
Chemistry Department Representative 2006 – present

Awards and Recognition

2009 SMU Office of Research and Graduate Studies
Graduate Research Day – Chemistry Departmental Best Poster Award

2008 American Chemical Society Polymer Division – Award for Excellence in Polymer Graduate Research (ACS National Meeting Oral Presentation – New Orleans, LA, April 2008)

2008 ACS – Dallas-Fort Worth Section Meeting in Miniature – 3rd place in Graduate Division
“CRP and Click Chemistry: A Versatile Route to Well-Defined Macromolecular Structures”

2008 SMU Office of Research and Graduate Studies
Graduate Research Day – Chemistry Departmental Best Poster Award

2007 SMU Chemistry Departmental Award for Outstanding Research Assistant

2006 SMU Office of Research and Graduate Studies
Graduate Research Day – Chemistry Departmental Best Poster Award

Peer-Reviewed Publications

Andrew P. Vogt, Brent S. Sumerlin **"Temperature and Redox Responsive Hydrogels from ABA Triblock Copolymers Prepared by RAFT Polymerization"** *Soft Matter* 2009, In press.
DOI: 10.1039/b817586a

Misty D. Rowe, Chia-Chih Chang, Douglas H. Thamm, Susan L. Kraft, Joseph F. Harmon, Jr., Andrew P. Vogt, Brent S. Sumerlin, Stephen G. Boyes **"Tuning the Magnetic Resonance Imaging Properties of Positive Contrast Agent Nanoparticles by Surface Modification with RAFT Polymers"** *Langmuir* 2009, DOI: 10.1021/la900730b

Andrew P. Vogt, Brent S. Sumerlin **"Tuning the Temperature Response of Branched Poly(*N*-Isopropylacrylamide) Prepared by RAFT Polymerization"** *Macromolecules* 2008, 41, 7368–7373.

Andrew P. Vogt, Sudershan R. Gondi, Brent S. Sumerlin **"Hyperbranched Polymers via RAFT Copolymerization of an Acryloyl Trithiocarbonate"** *Australian Journal of Chemistry* 2007, 60, 396-399.
(Featured on Cover)

Sudershan R. Gondi, Andrew P. Vogt, Brent S. Sumerlin **"Versatile Pathway to Functional Telechelics via RAFT Polymerization and Click Chemistry"** *Macromolecules* 2007, 40, 474-481.
(#1 Most Highly Referenced Article in *Macromolecules* during 2007)

Andrew P. Vogt, Brent S. Sumerlin **"An Efficient Route to Macromonomers via ATRP and Click Chemistry"** *Macromolecules* 2006, 39, 5286-5292.
(A Highly Referenced Article in *Macromolecules* during 2006)

Other Publications

Andrew P. Vogt, Brent S. Sumerlin **"Thermoresponsive Core-Shell Macromolecules Prepared by RAFT Polymerization"** *Polymer Preprints* 2008, 49(1), 285-286.

Andrew P. Vogt, Brent S. Sumerlin **"Telechelic Macromolecules via RAFT Polymerization and Click Chemistry"** *Polymer Preprints* 2008, 49(1), 226-227.

Brent S. Sumerlin; Andrew P. Vogt **"Tuning the stimuli-response of hyperbranched polymers prepared by RAFT."** *Polymer Preprints* 2007, 48(2), 1007-1008.

Brent S. Sumerlin; Andrew P. Vogt **"Macromonomer Synthesis via ATRP and Click Chemistry."** *Polymer Preprints* 2006, 47(2), 549-550.

John V. McClusky, Jennifer M. Ebrom, Andrew P. Vogt, Eric Bauch, Jake Robbins, Santiago Toledo **"The Effect of Nano Clay Additives on the Physical Properties of Polyurethane Elastomers."** *Polymer Preprints* 2006, 47(1), 582.

Meeting Contributions

Andrew P. Vogt, Brent S. Sumerlin **"Thermoresponsive Core-Shell Macromolecules Prepared by RAFT Polymerization"** ACS National Meeting, New Orleans, LA, April 2008.

Andrew P. Vogt, Sudershan R. Gondi, Brent S. Sumerlin **“Telechelic Macromolecules via RAFT Polymerization and Click Chemistry”** ACS National Meeting, New Orleans, LA, April 2008.

John V. McClusky, Santiago Toledo, Jennifer M. Ebrom, Andrew P. Vogt, **Megan Smith “Effect of Organoclay Additives on the Physical Properties of Polyurethane Elastomers”** ACS National Meeting, New Orleans, LA, April 2008.

Brent S. Sumerlin, Andrew P. Vogt **“Tuning the Stimuli-Response of Hyperbranched Polymers Prepared by RAFT”** 234th ACS National Meeting, Boston, MA August 2007.

Andrew P. Vogt, Brent S. Sumerlin **“RAFT and Click Chemistry: Tuning Branched Macromolecules”** University of Tennessee, National Graduate Polymer Research Conference of the American Chemical Society, Knoxville, TN, June 2007.

Andrew P. Vogt, Brent S. Sumerlin **“RAFT and Click Chemistry: Tuning Branched Macromolecules”** Texas Christian University, Dallas-Fort Worth Meeting in Miniature of the American Chemical Society, Fort Worth, TX, April 2007.

Andrew P. Vogt, Brent S. Sumerlin **“ATRP and Click Chemistry: A Versatile Route to Well-Defined Macromonomers”** Southwestern Regional Meeting of the American Chemical Society, Houston, TX, October 2006.

Sudershan R. Gondi, Andrew P. Vogt, Brent S. Sumerlin **“Functional Telechelics via RAFT Polymerization and Copper-Catalyzed Azide-Alkyne Coupling”** Southwestern Regional Meeting of the American Chemical Society, Houston, TX, October 2006.

Brent S. Sumerlin, Sudershan R. Gondi, Andrew P. Vogt **“Orthogonal End Group Reactivity of Macromolecules Prepared by RAFT Polymerization”** Southwestern Regional Meeting of the American Chemical Society, Houston, TX, October 2006.

Brent S. Sumerlin, Andrew P. Vogt **“Macromonomer Synthesis via ATRP and Click Chemistry”** 232nd American Chemical Society National Meeting, San Francisco, CA, September 2006.

John V. McClusky, **Jennifer M. Ebrom**, Eric A. Bauch, Andrew P. Vogt, Jacob Robbins **“Development of New Organoclays for Polyurethane Elastomers”** Midwest Regional Meeting of the American Chemical Society, Joplin, MO, October 2005.

John V. McClusky, **Santiago Toledo**, **Andrew P. Vogt**, **“The Effect of Organoclay Additives on the Physical Properties of Polyurethane Elastomers”** ACS National Meeting, Anaheim, CA, Spring 2004.

Teaching Assistance

Southern Methodist University - General Chemistry II Teaching Assistant (Fall 2005-Spring 2006)
General Chemistry Lab Assistant (Fall 2005-Spring 2006)