

**Synthesis and Functionalization of Poly(ethylene oxide-*b*-ethyl-oxazoline)  
Diblock Copolymers with Phosphonate Ions**

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Thesis submitted to the Faculty of Virginia Polytechnic Institute and State University in  
partial fulfillment of the requirements for the degree of

Master of Science  
In  
Macromolecular Science and Engineering

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September 6, 2013

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**Keywords:** poly(ethylene oxide), poly(2-ethyl-2-oxazoline), ion encapsulation, phosphonate, phosphonic acid, nanoparticles, functionalized random copolymer

**Draft 09/01/2009**

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