

**KATHRYN ELIZABETH UHRICH**

Professor, Chemistry & Chemical Biology  
Rutgers University  
Wright-Rieman Laboratories  
Piscataway, NJ, 08854 USA  
[keuhrich@rutgers.edu](mailto:keuhrich@rutgers.edu)  
(O) 1 848 445 0361  
[http://chem.rutgers.edu/uhrich\\_kathryn](http://chem.rutgers.edu/uhrich_kathryn)



Kathryn Uhrich is a Professor of Chemistry at Rutgers University, who holds graduate appointments in Biomedical Engineering, Chemical Engineering and Pharmaceutics. In the controlled release field, she is recognized for her research productivity, innovative science and inspiring mentorship. *Her research strength* is in the design, synthesis and characterization of biocompatible, biodegradable polymers for bioactive delivery. Kathryn has a proven record of achievement, as evidenced by publications (over 110 peer-reviewed manuscripts and 150 conference proceedings), >250 invited presentations and more than \$25M in research funding. Another outcome of Kathryn's innovative research is the generation of US and international patents. *Her innovation strength* is reflected by the intellectual property emanating from her research team – with over 70 issued US and international patents. This strong IP platform has been leveraged into several start-up companies including *Polymerix*, *Bioabsorbable Therapeutics*, and *Polymeric Therapeutics* as well as leading to research collaborations with many different companies. *Her training strength* is reflected by the diverse range of scientists/engineers mentored since her arrival at Rutgers. Since then, she has supervised >50 PhD students from four departments (Chemistry, Chemical Eng., Biomedical Eng. and Pharmaceutics), >70 undergraduate students with majors ranging from chemistry to molecular biology to chemical engineering, and 8 high school students (all from underrepresented minority groups). Moreover, her lab has hosted over 20 visiting scientists from across the globe including Puerto Rico, Brazil, Turkey, China, Nigeria and the Netherlands. As a researcher, inventor and mentor, Kathryn has made significant and important contributions to the controlled release field.