



Kimberly L. Berkowski, Ph.D.

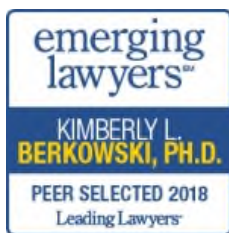
Associate

Tel 312.423.3439

kberkowski@marshallip.com

Kimberly L. Berkowski, Ph.D. prosecutes patent applications in the chemical, pharmaceutical, and polymer/material sciences for various types of clients, including international corporations, start-ups, and universities. Her technical research and teaching background enable her to work seamlessly with scientists and lay persons alike to produce quality work and favorable results. She has extensive bench experience with the synthesis, characterization, and application of small molecules, polymers, peptides, and biomaterials; protein bioconjugation; and the computer modeling and design of ligands to fit within protein binding pockets. Dr. Berkowski also brings exceptional technical communication skills that she cultivated during her years of teaching in academia.

Dr. Berkowski was selected as an “Emerging Lawyer” in the 2015–2018 editions of *Emerging Lawyers Magazine*, in which young attorneys are recognized among the top up-and-coming attorneys in Illinois. Additionally, Dr. Berkowski was selected for inclusion in the 2016–2018 *Illinois Rising Stars*[®] list, featuring outstanding young attorneys in the state.



Practices

- Patent Prosecution

Industries

- Biotechnology & Life Sciences
- Chemical Sciences
- Cleantech & Renewables

- Materials Science
- Nanotechnology
- Pharmaceutical

Background and Credentials

Prior to becoming an associate, Dr. Berkowski was a patent agent at the Firm. As a patent agent, Dr. Berkowski prosecuted patents and provided opinions for clients of the Firm's chemistry and biotechnology practice groups.

Dr. Berkowski has been an adjunct professor at Northwestern Law School. Prior to joining Marshall, Gerstein & Borun LLP, she was an Assistant Professor of Organic Chemistry at Washington College in Chestertown, Maryland where her research involved the mechanical initiation of organic chemistry reactions through ultrasound.

Prior to Washington College, Dr. Berkowski spent three years teaching at the Massachusetts Institute of Technology in Cambridge as the Instructor of Organic Chemistry. There she not only taught Organic Chemistry classes, but was also actively involved in the development and implementation of undergraduate laboratory experiments. Dr. Berkowski received the Everett Moore Baker Memorial Award for Excellence in Undergraduate Teaching (2006).

Dr. Berkowski earned her Ph.D. in chemistry from the University of Illinois at Urbana-Champaign in 2004 under Professor Jeffrey S. Moore. Her doctoral research included developing a method for harnessing energy to a single site on a polymer by using ultrasound, and synthesizing bio-responsive hydrogels within microfluidic channels using photolithography.

She received her B.S., *summa cum laude*, in chemistry and also in biochemistry from the University of Detroit Mercy in 1999 where she was the valedictorian of her class. After completing this degree, Dr. Berkowski interned at BASF Aktiengesellschaft in Germany, participating in research related to the development of an iron catalyst for ethylene polymerization.

Community and Professional Involvement

- Girls 4 Science (Advisory Board Member)
- American Chemical Society
- Intellectual Property Law Association of Chicago (IPLAC)
- Chicago Bar Association (CBA)

Education

- Northwestern University School of Law (J.D., *cum laude*)
- University of Illinois, Urbana-Champaign (Ph.D.)
 - Chemistry
- University of Detroit Mercy (B.S., *summa cum laude*)
 - Chemistry and Biochemistry. valedictorian

Bar Admissions

- Illinois
- U.S. Patent and Trademark Office

Publications and Presentations

- “Examination of the Obviousness Requirement for Patenting Chemical Compounds,” American Chemical Society National Meeting, March 25, 2015.
- “Patent Law Sizzles Amid IP Boom,” *Crain’s Chicago Business*, October 3, 2011 (featured quotes).
- Berkowski, K. L., Potisek, S. L., Hickenboth, C. R., Moore, J. S. “Ultrasound-Induced Site-Specific Cleavage of Azo-Functionalized Poly(ethylene glycol)” *Macromolecules* (2005), 38, 8975–8978.
- Plunkett, K. N., Berkowski, K. L., Moore, J. S. “Chymotrypsin Responsive Hydrogel: Application of a Disulfide Exchange Protocol for the Preparation of Methacrylamide Containing Peptides” *Biomacromolecules* (2005), 6, 632–637.
- Berkowski, K. L., Plunkett, K. N., Yu, Q., Moore, J. S. “Introduction to Photolithography – Preparation of Microscale Polymer Silhouettes” *J. Chem. Ed.* (2005), 85, 1365–1369.

Representative Experience

- Prepared and prosecuted to issuance patent applications relating to small-molecule therapeutics, personal care products, pharmaceutical formulations, and synthetic methods.
- Prepared patentability, validity, and freedom-to-operate opinions for chemical compounds, polymeric materials, and chemical/biological processes.

Dr. Berkowski’s prosecution experience spans a wide variety of technologies, such as:

- Small peptides and chemically modified derivatives
- Pharmaceuticals, pharmaceutical formulations, and methods of use
- Drug delivery systems
- Crystal polymorphs
- Synthetic methods
- Polymer design, preparation, and methods of use
- Compounds, polymers, and formulations for personal care products