

# PANITCH Intellectual Property Law SCHWARZE

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## Carly A. Shanahan, Ph.D. Patent Agent

**Philadelphia:** 215.965.1305 **F:** 215.965.1331 **E:** cshanahan@panitchlaw.com  
Dr. Carly Shanahan is a patent agent who assists in the prosecution of patent applications, specializing in the fields of chemistry and biotechnology. Additionally, Dr. Shanahan assists in conducting searches and reviews to assist in due diligence, patentability, and freedom to operate analyses.

Dr. Shanahan recently graduated summa cum laude from Temple University Beasley School of Law. She was awarded the Albert L. Bricklin Memorial Award for achieving the highest cumulative grade point average in the Evening Division as well as the Robert C. Podwil Memorial Prize for excellent academic performance in the area of intellectual property.

Dr. Shanahan received her B.S. summa cum laude in chemistry from the University of North Carolina-Chapel Hill and her Ph.D. in chemistry, with a focus in organic chemistry and chemical biology, from Yale University. She was awarded the David L. Stern Scholarship in Chemistry for outstanding academic performance by UNC-Chapel Hill and was also the recipient of the Distinguished Chemistry Fellowship, awarded by Yale University to incoming graduate students who show exceptional promise in chemical research.

Prior to joining Panitch Schwarze Belisario & Nadel LLP, Dr. Shanahan was a graduate research assistant and teaching fellow at Yale University where she focused her research efforts on the synthesis of cyclic dinucleotide RNAs and the use of these molecules to investigate bacterial second messenger signaling. She is experienced in the areas of organic synthesis, nucleic acid chemistry, analytical chemistry, RNA and protein biochemistry, molecular biology, and microbiology. Her research has led to publications in prominent scientific journals, including the Journal of the American Chemical Society, Proceedings of the National Academy of Sciences, and Biochemistry, and has also been awarded at international scientific research conferences.

### Practice Areas

- Patents

### Education

- University of North Carolina- Chapel Hill, BS, Chemistry
- Yale University, PhD, Organic Chemistry and Chemical Biology
- Temple University James Beasley School of Law, Juris Doctor

### Bar Admissions

U.S. Patent and Trademark Office

### Articles & Presentations

**Dr. Carly A. Shanahan to Discuss Patent Agent Privilege at JPPCLE // April 18, 2016**

Philadelphia IP firm patent agent to appear on panel at Joint Patent Practice seminar.

[Read more](#)

**Panitch Schwarze Presents Patent Due Diligence CLE // February 18, 2016**

A Patent Due Diligence CLE on IP due diligence including freedom to operate, IP portfolio assessment, patentability/validity analysis, ownership, and IP related agreements. [Read more](#)

**Prosecution History Estoppel and the Doctrine of Equivalents** // March 26, 2015  
Ragi A. I. Elias and Carly A. Shanahan will be giving a presentation on Prosecution History Estoppel and the Doctrine of Equivalents. Lunch will be served. CLE will be applied for but is not guaranteed. [Read more](#)

**USPTO AIA Second Anniversary Forum Review** // September 26, 2013  
Firm associate Ragi Elias and technical advisor Carly Shanahan will review and discuss the USPTO's AIA Second Anniversary Forum. Elias specializes in patent prosecution and Shanahan assists in the prosecution of patent applications, specializing in the fields of chemistry and biotechnology. [Read more](#)

## Honors & Awards

Albert L. Bricklin Memorial Award, for achieving the highest cumulative grade point average in the Evening Division, Temple University James Beasley School of Law, 2018

- Robert C. Podwil Memorial Prize, for excellent academic performance in the area of intellectual property, Temple University James Beasley School of Law, Evening Division, 2018
- Nucleic Acids Research Graduate Research Presentation Award, Federation of American Societies for Experimental Biology (FASEB), 2012
- Distinguished Chemistry Fellowship Recipient, Yale University (Dept. of Chemistry), 2007
- David L. Stern Scholarship in Chemistry, University of North Carolina- Chapel Hill (Dept. of Chemistry), 2007
- Smallwood Undergraduate Research Fellowship Recipient, University of North Carolina- Chapel Hill, 2006

## Blog

December 9, 2016

### USPTO Closer to Recognizing Patent Agent Privilege?

A key element of our justice system, the attorney-client privilege, was put in place to ensure that every citizen can obtain sound legal advice. Confidences discussed with an attorney in order to obtain legal advice are privileged from discovery in litigation. When it comes to the protection of intellectual property rights, patent attorneys, like all other lawyers, enjoy this privilege with their clients. [Read more](#)

## Get To Know

Dr. Shanahan enjoys running, cooking and reading in her free time.