



A patent technical specialist, Samantha Zeiders-Young works with attorneys and clients on matters involving many areas of intellectual property law, specifically patents and related preparation and prosecution.

With a strong background in organic chemistry and intrigued by the way the law and invention intersect, Samantha is a detail-oriented analytical problem-solver. She assists with virtually all patent matters, including reviewing, editing and drafting applications, conducting searches and responding to formal actions.

Before joining the firm, Samantha spent nearly five years earning her Ph.D. and one year as a post-baccalaureate Intramural Research Training Award (IRTA) fellow with the National Institutes of Health (NIH). At the NIH, Samantha researched the synthesis of trehalose probes for the potential of monitoring *M. tuberculosis* cell replication in real-time or for extruding bacterial cells from biological samples. Her graduate research and thesis involved synthesizing unnatural amino acids for use in solid phase peptide synthesis to develop cell-penetrating antimicrobial peptides, as well as synthesizing dual-purpose antibiotic and cell-penetrating therapeutics.

Notably, Samantha received a research fellowship from National Science Foundation during her graduate studies.

Samantha is licensed by Coursera in the area of Leading for Equity, Diversity and Inclusion in Higher Education. Additionally, she completed Safe Zone Training through the Lafayette College Office of Gender and Sexuality and multicultural competency training through the Lafayette College Office of Intercultural Development.

Professional and Community Involvement

Member, American Chemical Society

Samantha M. Zeiders-Young

Patent Technical Specialist

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EDUCATION

Purdue University, (Ph.D.), organic chemistry and chemical biology, member of Women in Science Program, Phi Lambda Upsilon, Iota Sigma Pi, 2021

Lafayette College, (B.S.), biochemistry, summa cum laude, honors in chemistry, Phi Mu Epsilon, Sigma Xi, Phi Lambda Upsilon, 2015

LANGUAGES

English

PRACTICES

Intellectual Property