

Laura Avena

Law Clerk, Admission Pending

lavena@desmaraisllp.com

NEW YORK Phone: 212-808-2963 Fax: 212-351-3400



Ms. Avena practice focuses on the review and evaluation of technology in the fields of chemistry, pharmaceuticals, medical devices, and materials science.

During her post-graduate work at MIT, Ms. Avena synthesized and characterized first row transition metal metaphosphate complexes and tested these materials for redox flow battery applications using electrochemical analysis, performed multi-step organic synthesis to make various cyptand-type ligands, and designed procedures and glassware for moisture-free ozonolysis experiments following EHS regulations.

Before joining Desmarais LLP, Ms. Avena worked as a Technical Advisor and Patent Agent for the New York office of Baker Botts LLP. She also worked as a patent prosecution paralegal in the New York office of Cooper & Dunham, LLP.

Prior Experience

- Patent Agent, Desmarais LLP, New York, New York, 2022-2026
- Technical Advisor/Patent Agent, Baker Botts LLP, New York, New York, 2018-2022

News & Publications

- Stauber, J.; Zhang, S. Jiang, Y.; Avena, L.; Stevenson, K.; Cummins, C., "Cobalt and Vanadium Trimetaphosphate Polyanions: Synthesis, Characterization and Electrochemical Evaluation for Non-Aqueous Redox-Flow Battery Applications," *J. Am. Chem. Soc.*, 2018, 140 (2), at 538–541.
- Fischer, P. J.; Avena, L.; Bohrmann, T. D.; Neary, M. C.; Putka, G.; Sullivan, K. P., "Group VI Metal Carbonyl Complexes of Bis((diphenylphosphino)methyl)diphenylborate and an Assessment of Their Utility for Template Ligand Syntheses," *Organometallics*, 2014, 33, at 1300.

EDUCATION

Fordham University School of Law,
J.D., 2026

Massachusetts Institute of Technology,
M.S., Chemistry, 2016; Department of
Chemistry Award for Outstanding
Teaching

Macalester College, B.A., Chemistry
and Physics, 2014; Kofi Annan
International Scholarship; Emil J.
Slowinski Award in Experimental
Chemistry

ADMISSIONS

New York, Pending

Registered to practice before the
United States Patent and Trademark
Office

- Fischer, P. J.; Neary, M. C.; Avena, L.; Sullivan, K. P.; Hackbarth, K. C., "Dicarbonyl{[2-(diphenylphosphino)ethyl]cyclopentadienyl} Group VI Metal Hydrides, Halides, and Anions: Precursors for Olefin Epoxidation Catalysts," *Organometallics*, 2012, 31, at 2437.