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Julie A. Bowman, Ph.D.

Law Clerk & Technical Writer

julie.bowman@cojk.com

direct: 206.695.1612

Professional Overview

Dr. Julie Bowman is a law clerk in the firm's life sciences patent practice group, where she spends her time drafting patent applications, preparing office action responses, analyzing patents, and conducting legal research. Her work is focused on chemical, pharmaceutical, biotechnology, and plant patent applications. Julie has received a Doctor of Philosophy in organic chemistry from the University of Washington and has years of technical industry experience involving multi-disciplinary scientific research.

Prior to law school, Julie was a scientist at the Infectious Disease Research Institute, where she conducted organic chemistry research toward discovery of novel and effective drug candidates, vaccine adjuvants, and diagnostic tools for use in treatment, prevention, understanding, and detection of infectious diseases. Her additional industry experience at Molecumetics involved not only organic and medicinal chemistry research, but also increasing the company's value through in-house management of Molecumetics' intellectual property portfolio. Julie has additionally taught general and organic chemistry at the college level. She enjoys working at the intersection of scientific discovery and the law. Julie is currently enrolled as a 2L law student at the Seattle University School of Law.

Education

- Seattle University School of Law, 2L
- Ph.D., Chemistry, University of Washington, 2008
- M.S., Chemistry, University of Washington, 2005
- B.S., Chemistry, University of Washington, 2000

Professional Experience

- Christensen O'Connor Johnson Kindness^{PLLC}
Law Clerk, Seattle, WA, 2019 - Present



- Molecumetics
Intellectual Property Specialist/Research Associate, Bellevue, WA, 2001 - 2002

Technical Experience

- Instructor
The Princeton Review, 2014 – 2018
- Scientist I
Infectious Disease Research Institute, 2011 – 2013
- Postdoctoral Research Scientist/Synthetic Chemist
Infectious Disease Research Institute, 2009 – 2010
- Chemistry Instructor
North Seattle Community College, Winter 2009

Presentations & Publications

Presentations

- “Carbon-Nitrogen Bond Generation,” University of Washington, Undergraduate Research Symposium (Seattle, WA, May and September 2000).
- “Carbon-Nitrogen Bond Generation,” NASA Space, Grant Consortium (Seattle, WA, August 2000).
- “Carbon-Nitrogen Bond Generation,” American Chemical Society, Undergraduate Research Symposium (Seattle, WA, May 2000).
- “C-N Bonds Using Boranes,” University of Washington, Undergraduate Research Symposium (Seattle, WA, September 1999).
- “C-N Bonds Using Boranes,” NASA Space, Grant Consortium (Seattle, WA, August 1999).

Publications

- “Synthesis and Evaluation of the 2-Aminothiazoles as Anti-Tubercular Agents,” *Public Library of Science (PLOS) One*, Vol. 11, Issue 5, 2016, Kesicki, E.A., Bailey, M.A., Ovechkina, Y., Early, J.V., Alling, T., Bowman, J., Zuniga, E.S., Dalai, S., Kumar, N., Masquelin, T., Hipskind, P.A., Odingo, J.O., Parish, T.
- “A Rapid ELISA for the Diagnosis of MB Leprosy Based on Complementary Detection of Antibodies Against a Novel Protein-Glycolipid Conjugate,” *Diagnostic Microbiology and Infectious Disease*, Vol. 79, Issue 2, 2014, pp. 233-239, Duthie, M.S., Raychaudhuri, R., Tutterrow, Y.L., Misquith, A., Bowman, J., Casey, A., Balagon, M.F., Maghanoy, A., Beltran-Alzate, J.C., Romero-Alzate, M., Cardona-Castro, N., Reed, S.G.



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- "Catalytic and Ligand-Binding Characteristics of Plasmodium Falciparum Serine Hydroxymethyltransferase," *Molecular and Biochemical Parasitology*, Vol. 168, Issue 1, 2009, pp. 74-83, Pang, C.K., Hunter, J.H., Gujjar, R., Podutoori, R., Bowman, J., Mudeppa, D.G., Rathod, P.K.
- "C-N Bond Formation on Addition of Aryl Carbanions to the Electrophilic Nitrido Ligand in $\text{TpOs}(\text{N})\text{Cl}_2$," *Journal of American Chemical Society*, Vol. 123, Issue 6, 2001, pp. 1059-1071, Crevier, T.J., Bennett, B.K., Soper, J.D., Bowman, J.A., Dehestani, A., Hrovat, D.A., Lovell, S., Kaminsky, W., Mayer, J.M.