



# Matthew J. Ruppel

## Law Clerk

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## Professional Overview

Matt Ruppel is a law clerk in the firm's life sciences practice group where he focuses his time on the drafting of patent applications for chemistry related innovations. Matt also prepares office action responses for patents related to chemical, biotechnology, nanotechnology, materials science, cosmetics, diagnostics, pulp and paper, medical and mechanical devices, and related software inventions.

Matt is currently a 3L at Seattle University School of Law, with an expected graduation date of May 2024. He has a Bachelor of Science in chemistry and a Master of Science in analytical chemistry. Prior to attending law school, Matt was a high school teacher for six years, teaching the subjects of chemistry, earth sciences, physics, and English. Matt is a co-author of 13 peer-reviewed publications in the areas of science and technology. He also has experience with basic software programming, is a professional photographer, and is basic conversational in Japanese.

## Education

- Seattle University School of Law, 3L
- Science Teaching Credential, San Diego State University, 2015
- M.S., Analytical Chemistry, University of California, San Diego, 2012
- B.S., *cum laude with distinction*, Chemistry, University of Washington, 2010

## Professional Experience

- Christensen O'Connor Johnson Kindness<sup>PLLC</sup>  
Law Clerk, Seattle, WA, 2022 - present



## Technical Experience

- Chemistry Teacher  
Redmond High School, 2019 – 2021
- Chemistry, Physics, English, and Yearbook Teacher  
High Tech High North County, 2015 – 2018
- Student Teacher  
Innovation Middle School and Health Sciences High School, 2014 – 2015
- Teacher Fellow  
UC San Diego COSMOS, July 2014 and 2015
- Graduate Student Researcher  
US San Diego Chemistry, 2010 – 2014

## Presentations & Publications

### Publications

- "Warhol Foundation Doesn't Benefit From 'Plagiarist Privilege'" Washington State Bar Association *NWSidebar*, July 2023, Ruppel, M.J., Vandsburger, L.

### Scientific Publications

- "Drinking the Sea," *ChemMatters Magazine*, pp. 12 - 13 (April/May 2018).
- "Sea spray aerosol as a unique source of ice nucleating particles," *Proceedings of the National Academy of Sciences*, Vol. 113, No. 21, pp. 5797-5803, 2016, DeMott, P.J., Hill, T.C.J., ..., Ruppel, M.J., ... & Franc, G. D.
- "Hemilability of P(X)N-type ligands (X = O, N-H): rollover cyclometalation and benzene C-H activation from (P(X)N)PtMe<sub>2</sub> complexes," *Dalton Transactions*, Vol. 43, Issue 31, pp. 12018-12025, 2014, Scheuermann, M. L., Grice, K. A., Ruppel, M. J., Roselló-Merino, M., Kaminsky, W., & Goldberg, K. I.
- "A Marine Aerosol Reference Tank system as a breaking wave analogue for the production of foam and sea-spray aerosols," *Atmospheric Measurement Techniques*, Vol. 6, Issue 4, pp. 1085-1094, 2013, Stokes, M. D., Deane, G. B., ..., Ruppel, M. J., ... & Zhao, D.
- "Do clouds need passports?" *Science in the Classroom*, Vol. 339, No. 6127, pp. 1572-1578, 2013, Stacey Brydges, Robert Pomeroy, Matthew J. Ruppel, Kimberly Prather.
- "Size-Dependent Changes in Sea Spray Aerosol Composition and Properties with Different Seawater Conditions." *Environmental Science & Technology*, Vol. 47, Issue 11, pp. 5603-5612, 2013, Ault, A. P., Moffet, R. C., Baltrusaitis, J., Collins, D. B., Ruppel, M. J., ... & Grassian, V. H.



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- "Bringing the ocean into the laboratory to probe the chemical complexity of sea spray aerosol," *Proceedings of the National Academy of Sciences*, Vol. 110, No. 19, pp. 7550-7555, 2013, Prather, K. A., Bertram, T. H., ...Ruppel, M.J., ... & Zhao, D.