



CHRISTENSEN | O'CONNOR
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Colleen H. Hui, Ph.D.

Law Clerk

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Professional Overview

Colleen Hui is a law clerk at COJK who devotes her time to drafting patent applications for innovations in the fields of biochemistry, and chemical, molecular, and structural biology.

Colleen earned her doctorate in biochemistry, molecular and structure biology from the University of California, Los Angeles, where she worked as a graduate student researcher in the university's Merchant Lab of the Department of Chemistry & Biochemistry. She has a master's degree in biochemistry and molecular biology from Oregon Health & Science University, where she was a graduate student researcher. Colleen also served as a graduate scholar at Lawrence Livermore National Laboratory, and as a research assistant at the U.S. Department of Agriculture's chief scientific in-house research agency, the Agricultural Research Service, at the Western Regional Research Center in Albany, California.

Colleen is a 2L student at Lewis & Clarke Law School, where she is pursuing a certificate in intellectual property law and serves as treasurer of the Intellectual Property Student Organization. She is also a member of the Asian Pacific American Law Student Association. Colleen is multilingual, speaking native English, Mandarin, and Cantonese.

Education

- Lewis & Clarke Law School, 2L
- Ph.D., Biochemistry, Molecular and Structural Biology, University of California, Los Angeles, 2021
- M.S., Biochemistry and Molecular Biology, Oregon Health & Science University, 2016
- B.S., Chemical Biology and B.A., Latin, University of California, Berkeley, 2013

Professional Experience



- Christensen O'Connor Johnson Kindness^{PLLC}
Law Clerk, Seattle, WA, 2023 - Present

Technical Experience

- Graduate Student Research
University of California, Los Angeles, 2016 – 2021
- Graduate Scholar
Lawrence Livermore National Laboratory, 2018 – 2021
- Graduate Student Researcher
Oregon Health & Science University, 2014 – 2016
- Research Assistant
University of Oregon, 2013 – 2014
- Research Assistant
U.S. Department of Agriculture, Agricultural Research Service, Pacific West Area,
Western Regional Research Center, 2010 – 2013

Professional Affiliations

- Asian Pacific American Law Student Association

Presentations & Publications

Publications

- "Structural and functional regulation of Chlamydomonas lysosome-related organelles during environmental changes," *Plant Physiology*, kiad189, 2023, Long, H., Fang, J., Ye, L., Zhang, B., Hui, C., Deng, X., Merchant, S.S., Huang, K.
- "Growth Techniques," *The Chlamydomonas Sourcebook*, 3rd edition, Vol. 1, 2023, pp. 287-314, Hui, C., Schmollinger, S., Glaesener, A.G.
- "Simple steps to enable reproducibility: culture conditions affecting Chlamydomonas growth and elemental composition," *Plant Journal*, Vol. 111, Issue 4, 2022, pp. 995-1014, Hui, C., Schmollinger, S., Strenkert, D., Holbrook, K., Montgomery, H.R., Chen, S., Nelson, H.M., Weber, P.K., Merchant, S.S.
- "Single-cell visualization and quantification of trace metals in Chlamydomonas lysosome-related organelles," *Proceedings of the National Academy of Sciences of the United States of America*, Vol. 118, No. 16, 2021, Schmollinger, S., Chen, S., Strenkert, D., Hui, C., Ralle, M., Merchant, S.S.



- "Ligand-induced allostery in the interaction of the *Pseudomonas aeruginosa* heme binding protein with heme oxygenase," *Proceedings of the National Academy of Sciences of the United States of America*, Vol. 114, No. 13, 2017, pp. 3421-3426, Deredge, D.J., Huang, W., Hui, C., Matsumura, H., Yue, Z., Moënné-Loccoz, P., Shen, J., Wintrode, P.L., Wilks, A.
- "Quantitating PrP polymorphisms present in prions from heterozygous scrapie-infected sheep," *Analytical Chemistry*, Vol. 89, Issue 1, 2017, pp. 854-861, Silva, C.J., Erickson-Beltran, M.L., Hui, C., Badiola, J.J., Nicholson, E.M., Requena, J.R., Bolea, R.
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- "Oxidation of methionine in PrP is dependent upon the oxidant and the amino acid two positions removed," *Prion*, Vol. 7, 2013, p. 81, Silva, C.J., Dynin, I., Erickson, M.L., Hui, C., Carter, J.M.
- "Oxidation of methionine 216 in sheep and elk PrP is highly dependent upon the amino acid at position 218, but is not important for prion propagation," *Biochemistry*, Vol. 52, Issue 12, 2013, pp. 2139-2147, Silva, C.J., Dynin, I., Erickson, M.L., Requena, J.R., Balachandran, A., Hui, C., Onisko, B.C., Carter, J.M.