Michael Pluth
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Mike received his B.S. in chemistry and mathematics from the University of Oregon in 2004, where he conducted undergraduate research with Prof. David Tyler. He earned his PhD in 2008 as an NSF predoctoral fellow under the joint direction of Profs. Robert Bergman and Kenneth Raymond at UC Berkeley, where he investigated supramolecular chemistry and proton-catalyzed reactions in supramolecular host molecules. Mike then moved to MIT, joining the research group of Prof. Stephen Lippard as an NIH Pathway to Independence Postdoctoral Fellow, where he investigated methods for biological nitric oxide detection.

Mike joined the faculty in the Department of Chemistry & Biochemistry at the University of Oregon as an Assistant Professor in 2011. He was promoted to Associate Professor in 2016 and to Professor in 2020. He also serves as an Associate Vice President for Research at the UO. He is a Member of the Materials Science Institute, a Knight Campus for Accelerating Scientific Impact Faculty Associate, and an Associate Member of the Institute of Molecular Biology. His research interests are thematically based on different aspects of molecular recognition at the interface of bioorganic and bioinorganic chemistry. Much of his lab focuses on developing chemical tools for detection, delivery, and biomimetic chemistry of H_2S, COS, and other small sulfur-related molecules.

Mike has received numerous awards and honors, including an NSF GRFP Fellowship (2004), Young Investigator Award from the American Chemical Society (2008), NIH NRSA Ruth Kirschstein Postdoctoral Fellowship (2008), NIH Pathway to Independence Award (2010), NSF Career Award (2015), Alfred P. Sloan Fellowship (2015), Camille Dreyfus Teacher Scholar Award (2016), UO Outstanding Early Career Award (2016), and Richard T. Jones New Investigator Award from the Oregon Medical Research Foundation (2018). His research endeavors are supported by the NSF, NIH, and private funding organizations