

Courtney C. Roberts



Prof. Courtney C. Roberts is an assistant professor and the 3M-Alumni Professor of Chemistry and McKnight Land-Grant Professor at the University of Minnesota. She obtained her B.S. in chemistry from Pepperdine University in Los Angeles, CA. She then pursued her graduate studies at the University of North Carolina at Chapel Hill, becoming the first graduate student in the laboratory of Prof. Simon Meek. During graduate school, Courtney developed rhodium olefin hydrofunctionalization catalysts using a new class of ligands called carbodicarbenes. After completing her Ph.D. in 2016, Courtney became a postdoctoral research fellow in the laboratory of Prof. Melanie Sanford at the University of Michigan where she explored C–H functionalization reactions using high valent Ni. Courtney began her career as an Assistant Professor at the University of Minnesota in the Fall of 2019. The Roberts group focuses on the development of d^0 metal catalysts for alkyl–alkyl cross coupling as well as harnessing heterocyclic aryne intermediates for medicinally relevant building blocks. While at UMN, she has been the recipient of the Amgen Young Investigator Award, the BMS Unrestricted Research Grant, a Thieme Chemistry Journal Award, ICCR Rising Star Award, the 3M-Alumni Professorship in Chemistry, and McKnight Land-Grant Professorship.

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