

CHRISTINA R. BODNER

NIH-Cambridge Scholar 2005

Degree: Case Western Reserve University: B.S., Chemistry, 2005

Research Interests: Neuroscience & Degenerative Diseases



Christina Bodner graduated Magna Cum Laude from Case Western Reserve University with her B.S. degree in Chemistry in 2005. She received numerous honors and awards, including a President's Scholarship that provided full support for 4 years of college, the Honors Day Scholarship, the Ohio Academic Scholarship, the Peter Witt Community Service Scholarship, and an Ohio Board of Regents Scholarship. She won a Goldwater Scholarship in 2004, received the Iota Pi Sigma Frank Hovorka Chemistry Woman of the Year award, and she was on Dean's High Honors List for six semesters at CWRU. She carried out research with Professor Protasiewicz on diphosphine catalysts for Suzuki and Heck Coupling reactions that led to a co-authored publication in the Journal of Organometallic Chemistry. She also worked in Dr. Teresa M. Gunn's lab in Cornell University on experimental genetics in mice. Christina then worked with Dr. Eckhard Jonkowsky at Case University on the chemical kinetics of RNA helicases. Outside of the lab, she was a member of the Alpha Phi Omega Community service fraternity, the Fellowship of Christian Athletes, the Newman Catholic Student Organization and enjoyed playing soccer, volleyball and floor hockey. For the future, Christina says "I would like to understand fundamental aspects of protein folding and misfolding that might promote the development of new treatments for diseases such as Alzheimer's and Parkinson's Diseases."