

ABOUT THE AUTHOR

Lindsay Michelle Repka was born on May 24th, 1986 in Baltimore, Maryland to Mary Anne Facciolo and Michael X. Repka. She attended the Friends School of Baltimore from the age of six up through the end of high school. Lindsay grew up playing tennis and music, most passionately pursuing the violin and thus participating in many high school musicals. Both of her parents practice medicine and her older brother, Michael C. Repka, received his MD from their alma mater, Jefferson Medical College, this past May.

Lindsay's decision to pursue chemistry as a career resulted from an exceptional introduction at Friends in a course taught by Kenneth Drews. After graduating from high school in 2004, she moved to New York City to attend Barnard College as a chemistry major. In the fall of her second year, she took a course taught by Professor Christian Rojas, a talented teacher who aptly demonstrated both the power and elegance of organic chemistry. During the summer of 2007, Lindsay completed research in materials chemistry with Professor John Tovar at Johns Hopkins University and then pursued her senior thesis studies on amidoglycosylation reactions under the direction of Christian Rojas.

In 2008, two months after graduating from Barnard, Lindsay moved to Pasadena to join the group of Professor Sarah Reisman at the California Institute of Technology. She earned her Ph.D. in July 2013 for investigations in enantioselective synthesis of pyrroloindolines and tryptophan derivatives. In the fall of 2013, Lindsay began postdoctoral studies in the group of Professor Wilfred van der Donk at the University of Illinois at Urbana-Champaign.