

Iota Sigma Pi sponsored the Members-at-Large Educational Reentry Award for 2024



Anna Duboff is from the Greater Boston area of MA and attended Boston University for her undergraduate degree in Chemistry: Biochemistry. At BU she had the opportunity to work with Dr. Björn Reinhard on functionalizing lipid-wrapped gold nanoparticles for targeted drug delivery. Following her graduation, she served in the Peace Corps as a teacher for a university in Sichuan Province, China, and then worked for an Intellectual Property law firm in New York City. In the pursuit of research, she moved to Cambridge, MA to join Codiak Biosciences, a startup engineering extracellular vesicles (EVs) for cancer therapeutics. Her work in developing analytical methods to characterize EVs led her to the Riley Research Group at the University of Washington. She is currently pursuing her Ph.D. in Chemistry at UW and developing mass spectrometry methods for studying glycobiology in the hopes of understanding the glycosylation profiles of EVs.