

2019 GLADYS ANDERSON EMERSON SCHOLARSHIP – *Chloe A. Beardsley*

Gladys Anderson Emerson Scholarship recognizes excellence in chemistry or biochemistry by a women undergraduate student who have attained junior standing. The celebrant of this award must be nominated by an Iota Sigma Pi member and must be a member of our organization at the time of nomination.

According to her personal statement, Chloe A. Beardsley aspires to pursue and share her passion for chemistry through teaching. Since she was age 16, she volunteered to lead, support, encourage and teach young women to be “strong, smart, and bold” through various summer programs. Chloe herself is a chemistry major in her third year at Colorado State University, who is simultaneously pursuing teacher licensure in secondary education. As with many chem. majors, “she caught the science and chemistry bug from a dynamic teacher and wants to pass on the appreciation of how chemistry exists in all we do”.

Chloe’s involvement with research experience is impressive! In her first year at Colorado State University, she joined and continues to pursue research focused on development of inexpensive, “microfluidic paper-based devices for detection of pesticide, & heavy metals”. In addition to her work with the research group at the university, Chloe works to expand the technology to detect metals in aqueous, soil and air samples, through a startup company founded by her professor.

She is a recipient of multiple scholarships (in addition to this one) who looks to further the role of women in science, and is starting the process to form a chapter of Iota Sigma Pi in the Fort Collins area but is also interested in networking across the Rocky Mountains.