

Emily holds a B.S. in Biology with a minor in Psychology from the Pennsylvania State University. While there, she conducted research comparing the accuracy and cost of four bacterial identification methods published in peer-reviewed, academic journal *Foodborne Pathogens and Disease*.

In 2014, Emily joined CW Analytical, California's most trusted independent quality assurance laboratory. CW Analytical provides patients, cultivators, producers and dispensaries with crucial information regarding the safety, quality, and potency of their medical *Cannabis* products. he has fundamentally shaped the development and growth of the microbiology department and its capabilities and assisted numerous cultivators, edible producers, and bubble hash and kief producers mitigate microbial contaminations. Emily is currently investigating microbiological contaminants in medical *Cannabis* and plant pathology.

Emily is passionate about educating members of the *Cannabis* community on strategies and practices to reduce microbial contamination, providing avenues to the regulated marketplace for cultivators utilizing probiotic applications, and contributing to meaningful research regarding: microbiological contaminants in medical *Cannabis* products, appropriate quality assurance measures, efficacy of microbial applications in *Cannabis* cultivation, sustainable *Cannabis* cultivation, and plant pathogens affecting *Cannabis*.

Emily's devotion and enthusiasm for biology was formed in rural western Pennsylvania woodlands. Here, she spent her days traversing the outdoors, appreciating wildlife and establishing a kinship with nature. Alongside this, her relationship and familiarization with *Cannabis* began at an early age and has spanned most of her short life. This experience has fueled her perseverance and sincerity for science and community