



Carly Graves

Carly Graves is the 2021 Roger R. and Laura M. Yoerger Preprofessional Engineer of the Year award for her strong academic achievements, her leadership and long-standing participation in ASABE, as well as her initiative, tenacity, and passion for the profession.

Graves is a Master of Science student in biological and agricultural engineering at North Carolina State University. She received her undergraduate degree from North Carolina State University with a bioprocess engineering concentration and a minor in biomanufacturing. Throughout her academic career, she has been an extremely high achieving student, holding a place on the Dean's List every semester. Graves' senior design project focused on optimizing decentralized wastewater treatment systems.

Throughout pursuing her undergraduate and graduate degrees, Graves has held several internships. Most recently, Graves was an intern with Arbiom during spring 2021. Graves was a 2020 summer intern at Novozymes where she worked to reduce starch waste as part of their fermentation engineering processes, significantly reducing company costs. In 2019 she was the summer intern at WithersRavenel in the Stormwater Department.

Graves is a member of Alpha Epsilon as well as the Raleigh Chamber Orchestra, previously playing as part of their woodwind quintet.

Graves has been a prominent student leader in the North Carolina State Section of ASABE, serving as president 2019-2021. Throughout the challenges presented by COVID-19 Graves' leadership has shone in her continuing to organize the annual career fair as it transitioned to a virtual event.

Graves also serves as a department ambassador, meeting with high school students and their families to discuss biological engineering and biological and agricultural engineering technology degrees available through NCSU.

Graves received an ASABE North Carolina State Section scholarship three consecutive years and received the departmental senior leadership award.