Jenny Bullington Webb was born and raised in Kings Mountain, North Carolina. Jenny earned a bachelor's degree in psychology and a minor in sociology from Appalachian State University in 2008. After leaving the High Country and moving back home, she began working in the mental health field providing family preservation services. In this position, she served at-risk youth and was also a 24/7 crisis responder for her families. In 2010, Jenny moved back to her beloved Boone and continued this same work in mental health serving families in Caldwell and Watauga Counties.

In 2012, Jenny began focusing more on case management and educational services in the high country for youth and young adults. Jenny worked for a program funded by the Workforce Innovation and Opportunity Act to assist young adults in pursuing educational and work-based learning opportunities. This experience would later lead her to the community college system. Jenny began working for Wilkes Community College in 2014 where she worked in the continuing education department, student services, and TRIO (serving first-generation college students). During her time at WCC, Jenny coordinated a one-day simulation event for 80 Alleghany High School students titled "The Real World." This event provided students with an interactive experience for making real world financial decisions and learning to manage money.

In 2020, Jenny earned a Master of Arts in Higher Education and a Sociology Graduate Certificate. Along with her work experience, this would ultimately lead Jenny to land her "dream job" at Caldwell Community College and Technical Institute. She began teaching at CCC&TI in August of 2022 and currently teaches Academic Success and Sociology courses.