

Dr. Danielle Buggé obtained her Ph.D. from Rutgers University in 2020 with a focus on Physics Education. She has been a high school physics teacher at West Windsor-Plainsboro High School South (West Windsor, NJ) for over thirteen years and was named the 2022 National PhysTEC Teacher of the Year. Her research focuses on high school student development of science process abilities and the long-term effects of learning physics in classrooms that use the ISLE approach. She is also currently investigating student STEM identity and self-efficacy in introductory physics classrooms. In addition to her own research, she is an active member of the Rutgers Newark Physics Education Research Group and a Part Time Lecturer at Rutgers New Brunswick, assisting in the training and mentoring of pre-service physics teachers. Outside of the classroom, she co-leads the Rutgers physics teacher community of alumni, is the vice chair of the AAPT Committee on Physics in High Schools, and a member of the AAPT Bauder Endowment Committee.