

I am a PhD student in the Chemical & Biomolecular Engineering Department at North Carolina State University, advised by Dr. Stefano Menegatti, Dr. Jan Genzer, and Dr. Saad Khan. I am currently working as a research assistant at The Nonwoven Institute. My research focuses on the integration of antimicrobial peptides with nonwoven substrates. I graduated with a BS degree in Chemical Engineering from Universidade Federal do Rio de Janeiro in Brazil. As an undergraduate student, I spent almost all my years in research labs. I have experience on membrane separation processes for biopurification, Aquaporin protein production and characterization for water desalination, organic synthesis, antibacterial assays, and polymer science. Outside the lab, I like cooking, going to movie theaters, and meeting my friends.