Originally from New York, Antonia earned a B.E. in Mechanical Engineering at The Cooper Union. She is currently a PhD student of Biomedical Engineering at USC, where she studies lower extremity multijoint control and muscle recruitment strategies. As a dancer and mechanical engineer, she is excited that her line of research includes determining how dancers perform challenging turns and how to use mechanical systems and interactive technology to help clinical populations learn how to turn in activities of daily living.

As a student, Antonia has always been very influenced and inspired by the teachers and mentors who use their passions and creativity to motivate learning in the classroom. She is therefore dedicated to teach scientific fundamentals in creative ways and is thrilled to participate as a NSF GK-12 fellow!