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Hello, my name is Shanti Quinto. I am a Master's student studying Mechanical Engineering at the University of Nevada, Reno (UNR). My academic journey has always involved research around my interests of biotechnology and material science. For my Master's, I plan to further contribute to 3D bioprinting research in Dr. Jin's lab here at UNR.

I have always admired NASA's mission to expand and develop technology that benefits both life on Earth and in space. Through this NASA Space Grant Fellowship Award, I will focus on designing and developing a low-gravity simulator to evaluate support bath materials. This project will establish a platform for embedded 3D bioprinting (e-3DB), which may shown great potential for tissue and organ reconstruction in microgravity environments. The goal of this project is to aid current research of biomedical technologies for improved healthcare and tissue engineering in microgravity.