

MMSIV Welcomes New Human Factors Engineer to their Dynamic Team

Ms. Tiffany Quach is the latest new hire to join TATRC's Medical Modeling, Simulation, Information and Visualization (MMSIV) team! As a Human Factors Engineer, she is working in our NEXUS lab to collect data, run simulations, and provide user experience design recommendations for various projects. She has recently graduated from the George Mason University with a master's degree in psychology concentrating in Human Factors and Applied Cognition. Last summer, Tiffany presented an out brief and completed her internship with the DEVCOM C5ISR involving quarterly perception testing with Army Soldiers onsite and offsite traveling to collect user experience data as part of their perception team and second authored the Greening Course 2023 executive summary.

During her time at graduate school, Tiffany worked as a teaching assistant for Cognitive Psychology and Forensic Psychology courses. She participated in data collection for Human-AI Agent teaming dynamics using the gaming platform 'Overcooked! 2' while managing other research assistants within the HeART and ALPHAS labs. Tiffany has also competed in a 12-hour hackathon stylized competition called Usabilithon and received first place with her team sponsored by HelloFresh to redesign their onboarding and Marketplace system.

Before earning her master's, Tiffany received her bachelor's degree in biology also at George Mason University. There, she studied basic human anatomy, and biochemistry then began briefly working as a clinical technician at Mount Vernon Hospital post-graduation. During this time, Tiffany decided to pursue learning and researching more about human factors in psychology, leading her to return to school as a post-undergraduate researcher where she conducted research on social robotics, embodiment, and human computer interaction.

Tiffany is local to the DMV region and enjoys traveling and trying out new foods with friends. In her free time,



**Ms. Tiffany Quach, Human Factors Engineer,
Medical Modeling, Simulation, Information and
Visualization (MMSIV)**

she enjoys experimenting with new cooking dishes and baking sweets. She especially enjoys being an introvert playing long hours of console games and napping, however, she has recently made successful attempts to become more social by working out, joining local sewing and crafts communities, and meeting new people with similar interests.

TATRC warmly welcomes its newest MMSIV member, Tiffany! 