

Jessica Gwynne Andrusaitis MS-BATS Alumnus and MD Candidate 2018



Graduating medical student, Jessica Andrusaitis, obtained her Masters of Science in Biomedical and Translational Science with distinction following a 1-year accelerated program. In her thesis she undertook a challenging project using primary collection data from the UCI Emergency Department to determine whether patients who received e-prescriptions were more or less likely to fill them compared with patients receiving traditional paper prescriptions.

Under the mentorship of Dr. Shannon Toohey, Jessica carried out the study and subsequently presented her results at the annual scientific meeting of the American College of Emergency Physicians in October 2017.

The article based on those results was recently published in the American Journal of Emergency Medicine. Jessica has first-authored three clinical case descriptions, the most recent of which is in press in *Clinical Practice and Cases in Emergency Medicine*. She has published another original research study regarding the effects of a triage system on length of emergency department stay in *The Western Journal of Emergency Medicine*.



Her on-going research projects include 1) the impact of gender and home institution on the evaluation of applicants to emergency medicine and 2) the diagnostic and treatment skills of pre-hospital personnel in the management of sepsis prior to arrival at the hospital. Jessica takes on complex clinical translational science problems around social determinants of health & healthcare and the delivery of emergency services.

In collaboration with several other UCI medical students, Jessica implemented a sexual education curriculum at a local underserved high school district. Jessica has been an active mentor to her fellow classmates through her leadership of the Emergency Medicine Interest Group.

Post-graduation, Jessica will be moving to San Diego to start her Emergency Medicine residency at Kaiser San Diego.