

## A study on novel coronavirus infection and its ability to heal in secondary victims after sexual assault

**Dr. Elena P. Cantorna, M.S., Ph.D.,**

Clinical Psychology, School of Psychology, Family & Community,  
Seattle Pacific University, 3307 3rd Ave W Mailstop, Seattle WA 98119.

### ABSTRACT

Many people report negative experiences with the justice system after being sexually assaulted (i.e. the COVID-19 pandemic has had a negative impact on individuals' lives and overall health.) For this project, I tested a predictive model that ranks resilience from positive experiences with the justice system, mediated by the weekly COVID-19 index case rate and number of vaccines. - ask for COVID-19 to be used. Participants were 18 years of age or older, identified themselves as transgender women and were clients of a local advocacy clinic (N=94) after being diagnosed with sexual assault Data were analyzed in R using the usual least squares (OLS) method. The results indicate that approximately 5.5% of the difference in resilience is explained by the positive experience model with the justice system through the COVID-19 metric case rates and vaccines used. use. There is a statistically significant direct effect between positive experience with the justice system and resilience ( $B. = 0.191, p = 0.005$ ). There is an interesting insignificant shift in the direction of the relationship between positive experience with the justice system and resilience ratings when COVID-19 infection rates are high and vaccinations are low. or average. The results showed that the number of COVID-19 cases and vaccination rates did not significantly affect the level of resilience an individual reported. However, they did show that more individuals had a more positive experience (ie. These results may be due to the relatively small sample size that does not allow for a small effect size to be detected. It would be beneficial to evaluate these variables in a larger sample to determine whether the change in direction in the relationship or the small portion of the slope is significantly replicated in the larger data set for better understanding. How law enforcement centers should respond to Massive Stress Events.

**Key words:** Secondary Victims, Resilience, COVID-19, Sexual assault, Positive experiences