

# IVAN CASTRO



## EDUCATION

- 2018 • **Syracuse University**  
MSPH in Biostatistics  
📍 Syracuse, NY
- 2013 • **SUNY Oswego**  
BA in Psychology  
📍 Oswego, NY



## EXPERIENCE

- 2018 | present • **Research Coordinator**  
VISN 2 Center for Integrated Healthcare  
📍 Syracuse, NY
- 2015 | 2019 • **Project Manager**  
Syracuse University  
📍 Syracuse, NY
- 2016 | 2018 • **Graduate Research Assistant**  
Syracuse University  
📍 Syracuse, NY



## PUBLICATIONS

- 2020 • **Race differences in the effect of Subjective Social Status on hostility and depressive symptoms among 9- to 11-year-old Children.**  
[J. Racial and Ethnic Health Disparities](#)  
Castro, I. E., Hruska, B., and Gump, B. B.
- 2019 • **Variability in the spatial density of vacant properties contributes to background lead (Pb) exposure in children.**  
[Environmental Research](#), 170, 463-471.  
Castro, I. E., Larsen, D. A., Hruska, B., Parson, P. J., Palmer, C. D., and Gump, B. B.



## SOFTWARE RESOURCES

- **tidyVA**  
An R package of Veterans Health Administration geographies in simple features format for tidy spatial analysis and visualization.
- **healthdatacsv**  
An R package to interface with the healthdata.gov API to query the catalog and return tidy data frames.



## PRESENTATIONS

Background in research project coordination, biostatistics, and health data science. Proficiency with data formatting and handling.

Research interests: environmental toxicants, traumatic stress disorders, community-level deprivation, spatial epidemiology.

## CONTACT INFO

✉ [iecastro@syr.edu](mailto:iecastro@syr.edu)

🌐 [github.com/iecastro](https://github.com/iecastro)

## SKILLS

Data analysis and statistical programming

Data wrangling

Data visualization and modelling

R and RStudio with emphasis on the tidyverse

SPSS, ArcGIS, Qualtrics, MS Access

Github

*This resume was made with the R package [pagedown](#).*

- 2019 ● **A Delphi study to integrate Prolonged Exposure for Primary Care and Motivational Enhancement Therapy for heavy alcohol use.**  
ISTSS Annual Meeting 📍 Boston, MA  
Castro, I. E., Crinnin, C., Mastroleo, N., King, P., Balderrama-Durbin, C., Rauch, S., & Possemato, K.
- 2019 ● **The impact of neighborhood deprivation on acute psychological and pain-related outcomes following traumatic injury.**  
Science 2019 📍 University of Pittsburgh, PA  
Olson, K., Hruska, B., Castro, I. E., Suffoletto, B., Callaway, C., & Pacella-LaBarbara, M.
- 2018 ● **Psychological flexibility moderates the link between combat exposure and hopelessness in military veterans.**  
ResilienceCon 📍 Nashville, TN  
Dykas, M. J., Castro, I. E., Wolford, K., & Gump, B. B.
- 2018 ● **Close Relationships among service-members moderate the link between combat and PTSD symptomatology.**  
Eastern Psychological Association Annual Meeting 📍 Philadelphia, PA  
Castro, I. E. and Dykas, M. J.
- 2016 ● **The implications of social support and resilience in a Veteran's well being.**  
Eastern Psychological Association Annual Meeting 📍 New York, NY  
Castro, I. E. and Dykas, M. J.