IVAN CASTRO

🎓 EDUCATION

2018

Syracuse University
MSPH in Biostatistics
📍 Syracuse, NY

2013

SUNY Oswego
BA in Psychology
📍 Oswego, NY

💼 EXPERIENCE

2020
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present

Data Analyst
innoVet Health
📍 Syracuse, NY

2018
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2020

Research Coordinator
VISN 2 Center for Integrated Healthcare
📍 Syracuse, NY

2015
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2019

Project Manager
Syracuse University
📍 Syracuse, NY

2016
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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.

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
🐙 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

💬 PRESENTATIONS

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.