



# Monica W. Gerber

Biostatistician // Data Scientist  
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## Professional Experience

*Massachusetts General Hospital | Boston, MA*

- Biostatistician (*General Academic Pediatrics* & *CCHI*) 2016–present
- Biostatistician (Psychiatry) 2015–2016

*Boston University School of Public Health | Boston, MA*

- Graduate Research Assistant (Community Health Sciences) 2014
- Spotlight Coordinator (Office of Public Health Practice) 2014

*Health Leads | Boston, MA*

- Resource Development Specialist 2013

*Oregon Campus Compact | Portland, OR*

- AmeriCorps VISTA Member 2012–2013

*Mercy Corps | Portland, OR*

- Global Envision Intern 2011–2012

## Education

*Boston University School of Public Health, M.P.H. (Biostatistics & Epidemiology)* 2015

*Reed College, B.A. Anthropology* 2011

## Teaching

*Graduate Teaching Assistant, Boston University School of Public Health* 2014–2015

Introduction to Epidemiology (EP713), Professors Jacey Greece and Ann Aschengrau

## Publications

Valentine, S.E., Nobles, C.J., **Gerber, M.W.**, Vaewsorn, A.S., Shtasel, D.L. and Marques, L., 2017. The association of posttraumatic stress disorder and chronic medical conditions by ethnicity. *Journal of Latina/o psychology*, 5(3), p.227.

Fiechtner, L., Puente, G.C., Sharifi, M., Block, J.P., Price, S., Marshall, R., Blossom, J., **Gerber, M.W.** and Taveras, E.M., 2017. Peer Reviewed: A Community Resource Map to Support Clinical–Community Linkages in a Randomized Controlled Trial of Childhood Obesity, Eastern Massachusetts, 2014–2016. *Preventing chronic disease*, 14.

Taveras, E.M., Marshall, R., Sharifi, M., Avalon, E., Fiechtner, L., Horan, C., **Gerber, M.W.**, Orav, E.J., Price, S.N., Sequist, T. and Slater, D., 2017. Comparative effectiveness of clinical-community childhood obesity interventions: a randomized clinical trial. *JAMA pediatrics*, 171(8), pp.e171325-e171325.

Nobles, C.J., Valentine, S.E., **Gerber, M.W.**, Shtasel, D.L. and Marques, L., 2016. Predictors of treatment utilization and unmet treatment need among individuals with posttraumatic stress disorder from a national sample. *General hospital psychiatry*, 43, pp.38-45.

Nobles, C.J., Valentine, S.E., Borba, C.P., **Gerber, M.W.**, Shtasel, D.L. and Marques, L., 2016. Black-white disparities in the association between posttraumatic stress disorder and chronic illness. *Journal of psychosomatic research*, 85, pp.19-25.

Nobles, C.J., Thomas, J.J., Valentine, S.E., **Gerber, M.W.**, Vaewsorn, A.S. and Marques, L., 2016. Association of premenstrual syndrome and premenstrual dysphoric disorder with bulimia nervosa and binge-eating disorder in a nationally representative epidemiological sample. *International Journal of Eating Disorders*, 49(7), pp.641-650.

LeBlanc, N.J., Dixon, L., Robinaugh, D.J., Valentine, S.E., Bosley, H.G., **Gerber, M.W.** and Marques, L., 2016. PTSD and Romantic Relationship Satisfaction: Cluster-and Symptom-Level Analyses. *Journal of traumatic stress*, 29(3), pp.259-267.

Valentine, S.E., **Gerber, M.W.**, Nobles, C.J., Shtasel, D.L. and Marques, L., 2016. Longitudinal study of mental health and pain-related functioning following a motor vehicle collision. *Health psychology*, 35(7), p.742.

## Professional Affiliations

- Society of Epidemiologic Research Member | 2015–present
- American Statistical Association Member | 2015–present

## Service

- Budget Committee, Participatory Budgeting | City of Cambridge | 2016 & 2017 cycles
- Science Fair Mentor | MGH James P. Timilty Middle School Partnership | 2016–2017
- YWCA of Greater Portland Shelter Volunteer | 2012–2013

## Skills

- Data Science: R, RStudio, SQL, SAS, Git, Github/Gitlab
- Epidemiology & Biostatistics: Causal inference, study design, survey design, model building
- Languages: Spanish
- Other: Mixed methods analysis, ethnographic methods