

Angeline Protacio

(917) 408-3266 • angeline.protacio@gmail.com • Jackson Heights, NY 11372

Education

- Columbia University – Mailman School of Public Health, New York City, NY** May 2013
Master of Public Health, Epidemiology.
Coursework – Survival Analysis and Generalized Linear Models, Categorical Data Analysis, Applied Epidemiologic Analysis, Design and Conduct of Observational Epidemiology
Thesis (advised by Dr. Andrew Rundle) – “Associations Between Neighborhood Walkability and Active Travel (Walking): Using GPS to Improve Neighborhood Measurement”
- University of California at Berkeley – College of Natural Resources, Berkeley, CA** Dec 2008
Bachelor of Science, Genetics and Plant Biology.

Professional Experience

Research/Data Analyst, NYC Department of Health and Mental Hygiene October 2015-Present

- Create, implement, and manage surveillance protocols for detecting and monitoring mental health syndromes in New York City Emergency Departments to facilitate real-time response to public mental health crises
- Lead the analysis of mental health surveillance and survey data to assess suicidal behavior, mental health needs after hospitalization and after a natural disaster, and overall mental health prevalence and service use in New York City
- Explore new population level and real-time data sources to improve mental health surveillance in New York City
- Supervise members of research team to guide data analyses from exploration to dissemination of findings
- Develop, organize, and teach R programming and data visualization workshops for agency data analysts
- Perform data matching to facilitate longitudinal analysis of data from multiple disparate sources
- Evaluate mental health programs to assess mental health outcomes and cost savings
- Manage data and prepare documentation and datasets for distribution
- Collaborate with multiple and varied offices to communicate analysis plans and results
- Interpret and present findings to scientific community through publications and presentations

Data Analyst, Columbia University July 2013-July 2015

- Perform statistical analyses to investigate relationships between lifecourse and socioeconomic factors, and intermediate markers of breast cancer risk in cross sectional and longitudinal studies
- Prepare figures and tables for publication
- Interpret and present results of analyses to colleagues and collaborators
- Manage data, including integrating data from varied sources, data cleaning, dataset distribution, and variable creation
- Collaborate with research teams at multiple sites to implement changes to data processing and distribution
- Supervise members of research team to guide data collection, cleaning, and analysis.

Publications

- Terry MB, Keegan THM, Houghton LC, Goldberg M, Andrulis IL, Daly MB, Buys SS, Wei Y, Whittemore AS, **Protacio A**, Bradbury AR, Chung WK, Knight JA, John EM. Pubertal development in girls by breast cancer family history: the LEGACY girls cohort. Breast Cancer Research. 2017 Jun 8. PMID: 28595647.
- Flom JD, Cohn BA, Tehranifar P, Houghton LC, Wei Y, **Protacio A**, Cirillo P, Michels KB, Terry MB. Earlier age at menarche in girls with rapid early life growth: cohort and within sibling analyses. Annals of Epidemiology. 2017 Mar. PMID: 28215584.

- Tehranifar P, Cohn BA, Flom JD, **Protacio A**, Cirillo P, Lumey LH, Michels KB, Terry MB. Early Life Socioeconomic Environment and Mammographic Breast Density. BMC Cancer. 2017 Jan. PMID: 28068940.
- April-Sanders A, Oskar S, Shelton RC, Schmitt KM, Desperito E, **Protacio A**, Tehranifar P. Predictors of Breast Cancer Worry in a Hispanic and Predominantly Immigrant Mammography Screening Population. Women's Health Issues. 2016 Nov. PMID: 26169301.
- **Protacio A**, Norman C. Suicides in New York City, 2000 to 2014. New York City Department of Health and Mental Hygiene Epi Data Brief. 2016 Sept.
- Tehranifar P, **Protacio A**, Schmitt K, Desperito E, Oskar S, Potter AJ, Engmann NJ, Terry MB. The Metabolic Syndrome and Mammographic Breast Density in a Racially Diverse and Predominantly Immigrant Sample of Women. Cancer Causes and Control. 2015 Oct. PMID: 26169301
- Tawfik H, Kline J, Jacobson J, Tehranifar P, **Protacio A**, Flom JD, Cirillo P, Cohn BA, Terry MB. Life Course Exposure to Smoke and Early Menopause and Menopausal Transition. Menopause. 2015 Oct. PMID: 25803667.
- Chen Y, Wan B, Wang KC, Cao F, Yang Y, **Protacio A**, Dou Y, Chang HY, Lei M. Crystal Structure of the N-Terminal Region of Human Ash2L Shows a Winged-Helix Motif Involved in DNA Binding. EMBO Reports. 2011 Jun 10. PMID: 21660059.
- Wang KC, Yang YW, Liu B, Sanyal A, Corces-Zimmerman R, Chen Y, Lajoie BR, **Protacio A**, Flynn RA, Gupta RA, Wysocka J, Lei M, Dekker J, Helms JA, Chang HY. Long Non-Coding RNA Connects Chromosomal Structure to Activate Chromatin Domain and Gene Expression. Nature. 2011 Apr 7. PMID: 21423168.

Skills

- **Software:** R, SAS, STATA, SUDAAN, Microsoft Office, Adobe Creative Suite, Filemaker Pro, SQL, Python
- **Languages:** Native – English; Conversational – French, Tagalog; Basic Knowledge - Japanese, Korean