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## Kivan Polimis

### Education

- 2017 Ph.D., Sociology, University of Washington  
Center for Statistics in Social Sciences: Certification in Social Statistics
- 2012 M.A., Sociology, University of North Carolina at Chapel Hill  
Comprehensive Exams: Stratification and Inequality, Race and Ethnicity
- 2009 B.A., Sociology, Princeton University

### Fellowships

- 2017 Summer Institute in Computational Social Science ([SICSS](https://www.sicss.org/)),  
Russell Sage Foundation and Princeton University, Princeton, NJ 08544
- 2017 Civic Technology Fellow, Microsoft, Civic Technology and Engagement, Seattle, WA 98104
- 2016 Pre-doctoral Fellow, Big Data-Scientist Training Enhancement Program,  
Department of Veteran Affairs, Puget Sound Healthcare, Seattle, WA 98108
- 2015 Data Science for Social Good Fellow, eScience Institute, Seattle, WA 98195
- 2011 Graduate Research Fellow, National Science Foundation,  
Graduate Research Fellowship Program, Arlington, VA 22230
- 2010 Pre-doctoral Fellow, Carolina Population Center,  
University of North Carolina at Chapel Hill, Chapel Hill, NC 27516

### Publications

Marsh, Kris and **Kivan Polimis**. 2015. "The Lifecourse Perspective in Explaining Racial Residential Segregation." Chapter 4 in *Race, Space and Exclusion: Segregation and Beyond in Metropolitan America*, edited by Robert Adelman and Christopher Mele. New York: Routledge.

Turner, Robert W., Asheley Skinner, Eliana Perrin, **Kivan Polimis** and Tamera Coyne-Beasley. 2014. "High School Sports Participation: Risk and Protective Factors for Early Adulthood Physical Activity and Obesity in a Representative Longitudinal Study". *Journal of Adolescent Health*, 54 (2, Supplement).

### Software

Rokem, Ariel, **Kivan Polimis**, and Bryna Hazelton. 2016. "[forestci](https://www.kivanpolimis.com/forestci/): Python module for forest algorithm confidence intervals".

## Papers under review or in progress

Rokem, Ariel, **Kivan Polimis**, and Bryna Hazelton. "Confidence Intervals for Random Forests in Python". *Journal of Open Source Software* (under review)

Gabriel, Ryan, **Kivan Polimis** and Kyle Crowder. "Diverse Couples and Diverse Neighborhoods: Mixed-Race Couples and Neighborhood Location"

**Polimis, Kivan**. "Junk in the Trunk: Evaluating the Relationship between Body-Mass Index and Interracial Dating"

## Professional service

Member      American Sociological Association, Population Association of America, International Union  
for the Scientific Study of Population  
Reviewer      *Social Forces, Urban Affairs*

## Participation in professional meetings

2017      "Can social media be used to assess demographic variations in physical activity attitudes?"  
Paper presentation. Population Association of America. Chicago, IL. April.  
2017      "Social Media and Demographic Methods" (with Emilio Zagheni and Lee Fiorio).  
Workshop at the Population Association of America. Chicago, IL. April.  
2016      "Web, Social Media Data and Demographic Research Workshop: Twitter Module"  
(with Emilio Zagheni and Monica Alexander).  
[Workshop at the European Population Conference](#). Mainz, Germany. August.  
2016      "Social Media and Demographic Methods Workshop: Twitter Module"  
(with Emilio Zagheni, Nina Cesare, Charles Lanfear and Joan Ryan).  
[Workshop at the Population Association of America](#). Washington, D.C. April.  
2012      "Junk in the Trunk: Evaluating the Relationship between Body-Mass Index and  
Interracial Dating". Add Health Users Conference. Bethesda, MD. July.  
2011      "Adolescent Experiences & Adult Neighborhood Attainment"  
(with Kris Marsh and Kyle Crowder).  
[Paper presentation. Population Association of America](#). Washington, D.C. April.

## Teaching experience

2016      University of Washington, Center for Statistics and Social Sciences (CSSS)  
Quantitative Techniques in Sociology (CSSS 507/SOC 506 - Graduate Teaching Assistant)  
2015      University of Washington, Department of Sociology  
Applied Social Statistics I & II (SOC 504 & SOC 505 - Graduate Teaching Assistant)

## Consulting and management experience

2017-      Program Coordinator, eScience Institute, Data Science for Social Good, Seattle, WA 98195  
2016-2017      Consultant, King County Auditor's Office, Seattle, WA 98104

2016–2016    Consultant, eScience Institute, Data Science for Social Good, Seattle, WA 98195  
2014–2014    Product Development Consultant, Seremedi, Houston, TX 77002  
2013–2014    Special Projects Manager, Councilman Ed Gonzalez, Houston City Council,  
Houston, TX 77002

## Research positions

2016–2017    Research Assistant, Center for the Study of Demography and Ecology,  
Seattle, WA 98195  
2016–2016    Research Assistant, Center for Evaluation and Research for STEM Equity,  
Seattle, WA 98195  
2015–2016    Research Assistant, eScience Institute, Gates Foundation Homelessness  
Data Solutions Workgroup, Seattle, WA 98195  
2013–2014    Volunteer Data Analyst, San Francisco 49ers, Santa Clara, CA 95054  
2009–2010    Research Assistant, Office of Population Research, Princeton, NJ 08544

## Media

2017            [GitHub for Collaboration](#)  
2015            [Budding UW Data Scientists Use Their Powers for Social Good](#)  
2015            [UW students put data science skills to use for social good](#)

## Technical skills

Software    R, Python, Stata, Unix shell scripting, git version control,  $\text{\LaTeX}$ , select Amazon Web Services,  
select Microsoft Azure Products, and Microsoft Office Suite  
Instructor   [Software Carpentry Instructor](#), [Data Carpentry Instructor](#)