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Kivan Polimis

Appointments

2017 Postdoctoral Researcher
[Dondena Centre for Research on Social Dynamics and Public Policy](#)

Education

2017 Ph.D., Sociology, University of Washington
Center for Statistics and the Social Sciences: Certification in Social Statistics
Dissertation: Developing Computational Approaches to Investigate Health Inequalities
advised by: Hedwig Lee, Kyle Crowder, Emilio Zagheni, Ariel Rokem, and Darryl Holman
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 Fellow, Summer Institute in Computational Social Science ([SICSS](#)),
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](#): Python module for forest algorithm confidence intervals”.

Under review or in progress

Filippova, Anna, Connor Gilroy, Ridhi Kashyap, Antje Kirchner, Allie Morgan, **Kivan Polimis**, Adaner Usmani, and Tong Wang. “Humans-in-the-loop: Eliciting Expert Knowledge for Bayesian Priors”
Polimis, Kivan. “Junk in the Trunk: Evaluating the Relationship between Body-Mass Index and Interracial Dating”

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

Professional service

Member	American Sociological Association, Population Association of America, International Union for the Scientific Study of Population, Cascadia Urban Analytics Cooperative, Association for the Advancement of Artificial Intelligence
Reviewer	<i>Social Forces</i> , <i>Urban Affairs</i>

Presentations

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

2016	University of Washington, Center for Statistics and the 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

2017–2017 [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 assistance

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

Instructor [Software Carpentry Instructor](#), [Data Carpentry Instructor](#)
Software R, Python, and Stata
Tools Git, \LaTeX , bash, select Amazon Web Services, and select Microsoft Azure Products