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Kivan Polimis

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 (co-chair), Kyle Crowder (co-chair), 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

Appointments

2017	Postdoctoral Researcher
	Carlo F. Dondena Centre for Research on Social Dynamics and Public Policy
	Postdoctoral Affiliate, Bocconi Institute for Data Science and Analytics

Fellowships

2017	Summer Institute in Computational Social Science Fellow,
	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
2008	Junior Summer Institute Fellow, Public Policy and International Affairs,
	Carnegie Mellon University, Pittsburgh, PA 15213

Software

Polimis, Kivan. 2017. "yandextexttranslater: R package to interface with the Yandex Translate API". Rokem, Ariel, **Kivan Polimis**, and Bryna Hazelton. 2016. "forest-confidence-interval: Confidence intervals for Forest algorithms".

Publications

Polimis, Kivan, Ariel Rokem, and Bryna Hazelton. 2017. "Confidence Intervals for Random Forests in Python". *Journal of Open Source Software*, 2(19), 124, doi:10.21105/joss.00124.

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).

Research in progress

Filippova, Anna, Connor Gilroy, Ridhi Kashyap, Antje Kirchner, Allison C. Morgan, **Kivan Polimis**, Adaner Usmani, and Tong Wang. 2018. "Humans-in-the-Loop: Incorporating Expert and Crowdsourced Knowledge for Predictions in Survey Data". *Socius* (accepted pending revisions)

Polimis, Kivan. "Can Social Media Assess Demographic Variations in Physical Activity Attitudes?" *Demographic Research* (under review)

Zagheni, Emilio, **Kivan Polimis**, Monica Alexander, Ingmar Weber, and Francesco Billari. "Combining Social Media Data and Traditional Surveys to Estimate and Predict Migration Stocks"

Polimis, Kivan and Francesco Billari. "Parenting and Fertility: Facebook Footprints"

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

Presentations

2018	"Combining Social Media Data and Traditional Surveys to Estimate and Predict Migration Stocks" (with Emilio Zagheni, Monica Alexander, Ingmar Weber, and Francesco Billari). Population Association of America. Denver, CO. April
2018	"Humans-in-the-Loop: Incorporating Expert and Crowdsourced Knowledge for Predictions in Survey Data" (with Anna Filippova, Connor Gilroy, Ridhi Kashyap, Antje Kirchner, Allison C. Morgan, Adaner Usmani, and Tong Wang). International Institute for Social Studies: Erasmus University. The Hague, The Netherlands. April
2018	"Can social media assess demographic variations in physical activity attitudes?" Young Demographers Conference. Prague, Czech Republic. February.
2018	"Comparing typological approaches to family homelessness" Alpine Population Conference. La Thuile, Italy. January.
2018	"Using Facebook data for demographic research on family statuses" (with Francesco Billari) Global Family Change Workshop. Oxford University. Oxford, United Kingdom. January.
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 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 experience

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 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

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 |
| Occasional Reviewer | *Social Forces*, *Socius*, *Urban Affairs* |

Media

2017	My eScience Experience
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

References

Kyle Crowder, Professor, University of Washington, kylecrow@uw.edu
Hedy Lee, Professor, University of Washington-Saint Louis, hedwig.lee@wustl.edu
Ariel Rokem, Data Scientist, eScience Institute, University of Washington, arokem@gmail.com