

## Curriculum Vitae

### EMILIO ZAGHENI

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Head, Laboratory of Digital and Computational Demography  
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### Positions

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09/2018-present	Director, Max Planck Institute for Demographic Research
09/2018-present	Affiliate Associate Professor of Sociology, University of Washington (UW), Seattle
09/2014-present	Data Science Fellow, eScience Institute, UW Seattle
12/2014-present	Research Affiliate, Center for Studies in Demography and Ecology, UW Seattle
10/2014-present	Affiliate, Center for Statistics and the Social Sciences, UW Seattle
04/2014-present	Research Affiliate, Data-Pop Alliance, New York
09/2013-present	External Affiliate, Center Economics on the and Demography of Aging, UC Berkeley
09/2016-08/2018	Associate Professor of Sociology, University of Washington (UW), Seattle
09/2016-06/2018	Director of Training, Center for Studies in Demography and Ecology, UW Seattle
09/2014-09/2016	Assistant Professor of Sociology, University of Washington, Seattle
08/2012-08/2014	Assistant Professor of Sociology, Queens College - CUNY
08/2012-08/2014	Faculty Associate, CUNY Institute for Demographic Research
08/2010-07/2012	Research Scientist, Max Planck Institute for Demographic Research

### Education

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PhD	University of California, Berkeley, May 2010 - Demography
M.A.	University of California, Berkeley, May 2008 - Statistics
M.A.	University of California, Berkeley, Dec 2006 - Demography
B.A.	Bocconi University, December 2004 - Economics, Statistics and Social Sciences.

### Awards

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2016	Trailblazer Award for Demographic Analysis, European Association for Population Studies (EAPS)
2010	Eugene A. and Joan S. Hammel Dissertation Prize in Demographic Studies
2009	Poster Award, Population Association of America Annual Meeting
2008-2009	Outstanding Graduate Student Instructor Award, UC Berkeley

### Publications

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#### 10 selected peer-reviewed articles

- Alexander, M., Polimis, K. and Zagheni, E. 2019. The Impact of Hurricane Maria on Out-migration from Puerto Rico: Evidence from Facebook data. *Population and Development Review* 45(3):617-630
- Cesare N., Lee H., McCormick T., Spiro E. and Zagheni E. 2018. Promises and Pitfalls of Using Digital Traces for Demographic Research. *Demography* 55(5):1979-1999
- Zagheni, E., Weber, I., and Gummadi, K. 2017. Leveraging Facebook's Advertising Platform to Monitor Stocks of Migrants. *Population and Development Review* 43(4):721-734
- Alexander M., Zagheni E. and Barbieri M. 2017. A Flexible Bayesian Model for Estimating Subnational Mortality. *Demography* 54(6):2025-2041

- Dukhovnov D. and Zagheni E. 2015. Who Takes Care of Whom in the United States? Time Transfers by Age and Sex. *Population and Development Review* 41(2):183-206.
- De Cao E., Zagheni E., Manfredi P. and Melegaro A. 2014. The Relative Importance of Frequency of Contacts and Time of Exposure for the Spread of Directly Transmitted Infections. *Biostatistics* 15(3):470-483.
- Schmertmann C., Zagheni E., Goldstein J. and Myrskylä M. 2014. Bayesian Forecasting of Cohort Fertility. *Journal of the American Statistical Association* 109(506):500-513
- Zagheni E. and Weber I. 2012. You are where you E-mail: Using E-mail Data to Estimate International Migration Rates. Proceedings of ACM *Web Science* 2012, Association for Computing Machinery press
- Zagheni E. 2011. The Impact of the HIV/AIDS Epidemic on Kinship Resources for Orphans in Zimbabwe. *Population and Development Review* 37(4):761-783.
- Zagheni E., Billari F.C., Manfredi P., Melegaro A., Mossong J. and Edmunds J.W. 2008. Using Time Use Data to Parameterize Models for the Spread of Close-contact Infectious Diseases. *American Journal of Epidemiology* 168(9):1082-1090

### **Grants and Research Support**

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- International Max Planck Research School (IMPRS) for Population, Health and Data Science. 2019-2024. Role: Co-P.I.
- European Commission 2017-18. Measuring Labour Mobility and Migration Using Big Data, Tender VT/2017/020. Role: Investigator; P.I.:Hoorens
- Austrian Academy of Sciences - Anniversary Fund of the City of Vienna. 2015-2016. Combining Traditional and Emerging Big Data Sources to Model Population Movement Patterns. Role: Co-P.I. with Guy Abel, Alessandro Sorichetta, Andrew Tatem, Arkadiusz Wisniowski
- Population Association of America - Workshop on Social Media and Demographic Methods, held in Washington D.C. at the PAA 2016 Annual Meeting, March 30, 2006. Travel grant for instructor and teaching assistants
- Panel Study on Income Dynamics/NIH. 2015-2016. The Impact of Population Aging on Time Transfers and Wellbeing. Role: P.I.
- European Commission 2015. Inferring Mobility and Migration in the EU from Big Data and Social Media Data, Tender VT/2014/093. Role: P.I.
- Center on the Economics and Demography of Aging Pilot Grant. 2014-2015. Empirical Bayes Approaches for Imperfect Mortality Data. Role: Co-investigator. Other investigators: John Wilmoth, Kenneth Wachter, Magali Barbieri, Joshua Goldstein
- NIH National Institute on Aging Research Grant (R03), 2013-2014. Consequences of Demographic Change on Caregiving and other Time Transfers, Grant No. 1R03AG045385-01, Role: P.I.

### **Professional Service**

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- Chair: Panel on Digital Demography of the International Union for the Scientific Study of Population (IUSSP), 2019-2021
- Board Member: European Doctoral School of Demography (EDSD), 2019-2021
- Board of Trustees: Population Europe, 2018-
- Chair: Panel on Big Data and Population Processes of the International Union for the Scientific Study of Population (IUSSP), 2015-2018
- Research workshop organizer or co-organizer: Demographic Research with Web and Social Media Data, at the International Conference on Web and Social Media 2019; Digital Demography in the Era of Big Data (Sevilla, 2019); Symposium on Digital Demography at MPIDR, 2018; Making Sense of Online Data for Population Research, at the International Conference on Web and Social Media 2018; Demographic Research in the Digital Age, at the Annual Meeting of the Population Association of America 2018; Social Media and Demographic Methods, at the Annual Meeting of the Population Association of America 2016 & 2017; Social Media and Demographic Research, at the International Conference on Web and Social Media 2016 & 2017; Web, Social Media and Cellphone Data for Demographic Research, at Social Informatics 2016