

Alice Milivinti

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[https://scholar.google.ch/citations?user=-kY\\_pYAAAAJ&hl=fr](https://scholar.google.ch/citations?user=-kY_pYAAAAJ&hl=fr)

<https://aliceindataland.rbind.io/>

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## RESEARCH INTERESTS

Demographic Changes, Socio-Economic Determinants of Health, Bayesian methods, Spatial Statistics, Human Migration.

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## EDUCATION

- 09/2014-11/2018 **University of Geneva.** Faculty of Social Sciences CH  
PhD in Demography. Thesis Title: "*Modeling future migration trends and their impact on the Swiss pension system.*"  
Supervisors: Prof. Philippe Wanner and Prof. Tobias Müller.  
Defended: 14/11/2018.
- 08/2017-07/2018 **University of Michigan.** Department of General Medicine. US  
Visiting PhD Student.  
Supervisors: Prof. H. Choi, Prof. B. F. Schoeni.
- 09/2014-08/2018 **National Centres of Competence in Research (NCCR) - on the move** CH  
Doctoral Program.
- 09/2011-09/2013 **University of Geneva.** Faculty of Economic and Social Sciences CH  
Master in Economics, Specialization in Labor Economics.  
Thesis title: "Inequality of Opportunity in Nicaragua: Impact Evaluation of *Red de Protección Social*".  
Defended 03/09/2013. Grade: 5.5/6. Advisor: Prof. Jaya Krishnakumar.
- 09/2010-08/2011 **University of Geneva.** Faculty of Economic and Social Sciences CH  
Complementary year for admission to the Master in Economics
- 10/2007-10/2010 **University of Bologna.** Faculty of Political Sciences. IT  
Bachelor in International Relations. Grade: 107/110.
- 08/2009-07/2010 **University of Tampere.** FI  
Specialization on Scandinavian politics.

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## PROFESSIONAL EXPERIENCE

- 04/2020- **Stanford Medicine - Stanford University.** PostDoctoral Fellow US  
Center for Population Health Sciences and Center on Longevity.  
Supervisors: Prof. David Rehkopf
- 04/2014-08/2014 **Nestlé**  
Internship Trade Marketing: Sales Data Analysis, Profiling prospect clients.
- 10/2013-03/2013 **Met Helmets**  
Commercial employee: sales management of Italian and French markets.

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## TEACHING ACTIVITIES

- 11/2015 **Introduction to the R software**  
Course for PhD students.
- 04/2015 **Introduction to Migration Projections**  
Lecture series in a MA Course in Demography University of Geneva (*invited*).

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## MEMBERSHIPS SCIENTIFIC SOCIETIES

01/2017-20 Population Association of America (PAA).  
02/2016-18 European Association for Population Studies (EAPS).  
04/2016-17 European Economic Association (EEA).  
03/2016-18 European Society for Population Economics (ESPE).  
02/2015-16 International Migration, Integration and Social Cohesion. (IMISCOE)

## CONFERENCES ORGANISATION AND COLLABORATION

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05/2017 The State of the Union Conference. Organiser: European University Institute (EUI), Florence, Italy.  
Data Preparation: Demographics of Free Movement and Migration in Europe.

## PRIZES, AWARDS, FELLOWSHIPS

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07/2021-06/2022 **Spectrum NIH CTSA Grant (UL1TR003142)**. Milivinti/Athey, PI. 20,000 USD. A Healthy Surrogate: Predicting Long-Run Effects from Short-Run Policies.

07/2021-06/2022 **Spectrum NIH CTSA Grant (UL1TR003142)**. Benini/Brandt, PI, Milivinti, Investigator, 20,000 USD. The Invisible Threat: The Health Risks of Natural Gas Flaring and Venting.

08/2017-07/2018 **NCCR On the Move DocMobility (51NF40-142020)**. 20,000 CHF. 12 months Fellowship at the University of Michigan.

04/2017 **Population Association of America Conference**. Poster Session Winner (with Giacomo Benini). Chicago, 27-29 April.

09/2014-08/2018 **National Centres of Competence in Research (NCCR) - on the move**. 4 years PhD Fellowship.

09/2015 **RadiciGroup**. 1,000€. MSc scholarships for RadiciGroup employees and their children.

09/2011 **RadiciGroup**. 1,500€. BA scholarships for RadiciGroup employees and their children.

## PERSONAL SKILLS

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Languages: Italian (MT), English (C2), French (C2), Finnish (B1), German (A2).  
Digital Skills: R, STAN, STATA.

## CAREER BRAKES

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## MAJOR SCIENTIFIC ACHIEVEMENTS

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### *Knowledge transfer activities*

04/2016-05/2016 SNSF project (Agora P3-164801) "The Social Sciences at Your Fingertips" (lead: B. Debarbieux).  
I provided demographic contents in particular on Swiss population forecasts and on different demographic transitions.

2021- "Public Health Expert Panel Survey" (lead: Rehkopf D. and Milivinti A.)  
Monthly survey consisting in a couple timing public Health questions administrated to a group of approx. 50 experts based in the US. Unprocessed results published on Stanford website.

## PEER-REVIEWED JOURNALS

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- 2018 Milivinti, A. "A Spatial-Temporal Analysis of Migration". *Empirical Economics*. <https://doi.org/10.1007/s00181-018-1514-8>
- 2018 Milivinti, A., Benini, G. "A Bayesian Semiparametric Approach for Trend-Seasonal Interaction: an Application to Migration Forecasts". *Journal of the Royal Statistical Society: Series A (Statistics in Society)*. <https://doi.org/10.1111/rssa.12436>
- 2021 Brandt, A., Masnadi, M. S., Benini, G., Milivinti, A., Anderson, J., Wallington, T., De Kleine, R., Dotti, V., Jochem, P., and El-Houjeiri, H. Carbon implications of marginal oils from market-derived oil demand shocks. *Nature* **599**, 80–84. <https://doi-org.stanford.idm.oclc.org/10.1038/s41586-021-03932-2>

## WORKING PAPERS

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- 2018 Milivinti, Alice. "How many migrants does the Swiss Pension System need". *NCCR - on the move Working Papers Series*.
- 2021 Milivinti A., Rehkopf, D. "Longevity and Work: how longer lives are reshaping careers". *Stanford Center on Longevity New Map of Life Report*.
- 2021 Milivinti A., Benini, G., Rehkopf, D. "Revisiting The Earned Income Tax Credit and Infant Health Revisited". (Submitted, *American Economic Journal: Economic Policy*).
- 2021 Milivinti A., Rehkopf D., "The Transition to Longer Lives of the U.S. Labor Force", (Submitted, *The Lancet Healthy Longevity*).

## WORKS IN PROGRESS

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- 2020 Milivinti, A., Benini, G. "A Spatial Analysis of Migration Choices".
- 2021 Milivinti A., Benini, G., Rehkopf, D. "Using Differences in Knowledge Across Neighborhoods to Uncover the Impact of the EITC on Infant Health".

## CONFERENCES' ORAL CONTRIBUTIONS

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- 06/2016 European Society of Population Economics (ESPE). Berlin.  
Presentation: "Forecasting Migration: a Dynamic Spatial Model."
- 09/2016 European Population Conference (EPC). Mainz.  
Presentation: "Forecasting Migration: a Dynamic Spatial Model."
- 09/2016 RGS/RWI Workshop on the Economics of Migration. Essen.  
Poster presentation: "Forecasting Migration: a Dynamic Spatial Model."
- 04/2017 Meeting of the Population Association of America (PAA). Chicago.  
Poster Presentation: "Immigration Forecasts: A Bayesian Semiparametric Approach for Seasonal Data"
- 05/2017 3rd Workshop on the Economics of Migration. Southampton.  
Presentation: "Where does the Multilateral Resistance to Migration originate from?"
- 04/2018 Meeting of the Population Association of America (PAA). Denver.  
Poster Presentation: "Spatial Analysis of Migration".
- 06/2019 UC Berkeley Formal Demography Workshop Summer 2019, (Invited).  
Presentation: "Spatial Analysis of Migration Choices".
- 07/2019 Stanford Center for Population Health Sciences, (Invited).  
Presentation: "Spatial Analysis of Migration Choices".

## OTHER ORAL CONTRIBUTIONS

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- 04/2018 Ann Arbor R Users Group Meetup  
Bayesian Analysis in R
- 06/2019 Bay Area R Users Group Meetup

## Bayesian Regression Modeling in R With Stan

07/2019

R-Ladies San Francisco  
Workshop: Bayesian Analysis in R via Stan

Updated 11/02/2020