

# Dr. Barban Nicola

CURRICULUM VITAE (*October 2016*)

## Contact Information

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## Current Position

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*Since September 2014*  
Senior Research Fellow  
Department of Sociology and Nuffield College  
University of Oxford.

## Research interests

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- Demography
- Sociogenetics
- Family Sociology
- Life course
- Social interactions
- Immigrant assimilation

## Education

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*January 2007-July 2010*  
**PhD in Statistical Sciences. Department of Statistics, University of Padova.**

*March 2004-October 2006*  
**MSc, Demographic and Social Sciences, University of Padova.**

*September 2000-March 2004*  
**BA in Statistics and Management, University of Padova**

## Previous positions

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*September 2011 - August 2014*  
**Department of Sociology. University of Groningen.**  
Postdoctoral researcher

*July 2010 - August 2011*  
**Dondena Centre for Research on Social Dynamics. Bocconi University.**  
Postdoctoral researcher

## Visiting periods

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*February 2011; March 2012; February 2014*  
Visiting scholar. Umeå University.

*August 2011*

Visiting scholar. Netherlands Interdisciplinary demographic institute (NIDI).

*January-July 2009; January-April 2010*

Visiting scholar. Population Studies Center, University of Pennsylvania.

*September-December 2009; April-July 2010*

Visiting scholar. Dondena, Centre for Research on Social Dynamics. Bocconi University, Milan, Italy.

*April-July 2008*

Visiting scholar. Population Studies and Training Center. Brown University, RI, United States.

## **Further education**

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*22-26 September 2014*

Design and Analysis of Genetic-Based Association Studies, Wellcome Trust Center, Cambridge.

*27-31 August 2012*

Genome Wide Association Analysis course. Erasmus summer program 2012. Erasmus Medical School, University of Rotterdam, The Netherlands.

*5-9 March 2012*

International Workshop on Statistical Genetics and Methodology of Twin and Family Studies  
University of Colorado, Boulder, CO.

*18-29 August 2009*

Joint Summer School of the IUSSP and the Max Planck Institute for Demographic Research (MPIDR)  
Summer Course: "Frontiers of Formal Demography", Max Planck Institute, Rostock, Germany.  
*Organizers: Prof. Graziella Caselli (IUSSP) and Prof. Heiner Maier (MPIDR).*

*August 2008*

International Max Planck Research School for Demography.  
Summer Course: "Immigrant Integration". (IMPRSD 153)  
Lund University, Sweden. Instructor: Prof. Barry Chiswick (Chicago University)

*March 2008*

University of Tor Vergata, Rome, Italy.  
"Tobit and selection models". Professor: Prof. Francis Vella (Georgetown University)

*October 2007*

University of Florence, Italy. Department of Statistics "G. Parenti"  
Course of the Italian Statistics Society (SIS): "Theory and practice of random effects models for multilevel and longitudinal data". Professors: Prof. Leonardo Grilli and Prof. Carla Rampichini

*June 2006*

Course of the Italian Statistics Society (SIS): "Population and territory". Geographical information system (GIS); Multilevel Models; Spatial data; Simulation.

## **Non Academic work experience**

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*December 2007 - January 2008*

Department of Statistical Sciences, University of Padua.

Supervisor of the second wave of ITAGEN2, CATI survey.

*January 2006 - December 2006*

Italia Lavoro.

Junior researcher at “Regional observatory on migration, Veneto Region” (Statistical analysis on migration and demographic topics; research reports)

*September 2001 - December 2001*

Istat, Italian National Institute of Statistics

Census taker

## **Scholarships, Grants and Awards**

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*January 2016*

Co-applicant, NCRM grant SOCGEN: “Combining Social Science and Molecular Genetic Research to Examine Inequality and the Life Course.” PI Prof. M. Mills

*January 2013*

Co-applicant, Large Networking Collaborative Project, FP7-SSH-2012 European Research Council (ERC), “FamiliesAndSocieties Changing Families and Sustainable Societies: Policy contexts and diversity over the life course and across generations.” Led by L.Olah University of Stockholm.

Co-applicant (together with Prof. M. Mills) and co-leader of Working Package: The changing role of children and societal implications: Assisted reproduction, late fertility and childlessness. Value of award: €7.5 million, approximately €333,000 was awarded to Sociology at the University of Groningen.

*January 2010.*

Visiting Doctoral Fellowship. University of Pennsylvania. (\$10,000)

*September 2009.*

Travel Grant. IUSSP Conference Marrakech.

*April 2006*

Center for Voluntary Services, District of Padova. Award for dissertation on migration.

## **Teaching**

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*October 2016–March 2017*

*Demography.* BA in Human Sciences. University of Oxford.

*January 2016–March 2016*

*Intermediate Quantitative Methods.* MSc Sociology. University of Oxford.

*from 2015*

Selected lectures. *Life Course Research.* MPhil Sociology. University of Oxford.

*from 2015*

Selected lectures. *Introduction to Sociology.* BA in Human Sciences. University of Oxford.

*May 2015*

*Short course on Sequence Analysis.* Instituto de Estadística y Cartografía de Andalucía. Seville, Spain.

September 2014

*Introduction to Research Master.* University of Groningen.

March 2014

*Short course on Sequence Analysis.* University Bicocca. Milan, Italy.

September 2012

*Event history analysis and introduction to R.* European Consortium for Sociological Research/EqualSoc Summer School 2012. University of Trento, Italy.

From 2011 to 2014

*Event history and Survival Analysis.* Research Master in Sociology, University of Groningen

June 2012

*Short course on Sequence Analysis.* Pompeu Fabra University. Barcelona, Spain.

*Academic year 2011/2012 Applied Statistics* (selected lectures). Research Master in Sociology, University of Groningen

*March 2011 Short course on Sequence Analysis* Spanish National Research Council (CSIC), Madrid, Spain.

*Academic year 2010/2011 Quantitative Methods in Management.* Master of Science Economics and Management in Arts, Culture, Media and Entertainment, Bocconi University.

### Supervision of Phd students

X. Ding (*expected in 2017*) (DPhil, University of Oxford) [main supervisor].

Dr. N. Balbo (*2012*); Dr. F.C. Tropf (*2016*) (University of Groningen) [co-supervisor].

### Publications

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#### Peer-reviewed Articles

Barban N, et. al. and M.C. Mills (2016) "Genome-wide analysis identifies 12 loci influencing human reproductive behavior." *Nature Genetics*, (forthcoming)

D Mehta, et. al. "Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women" *JAMA psychiatry* 73 (5), 497-505

M. Sironi, N. Barban, R. Impicciatore (2015) "Parental social class and the transition to adulthood in Italy and the United States" *Advances in Life course research* 26:89-104

F. C. Tropf, G. Stulp, N. Barban, P. M. Visscher, J. Yangd, H. Snieder, M. Mills (2015). "Human Fertility, Molecular Genetics, and Natural Selection in Modern Societies" *PLOS ONE* 10(6): e0126821.

F. C. Tropf, N. Barban, H. Snieder, M. Mills, J.J. Mandemakers (2015) "A Behavioural Genetic Study of Age at First Birth of Female UK Twins" *Population Studies* 69(2): 129-145

N. Balbo and N. Barban, "Does fertility behavior spread among friends," (2014) *American Sociological Review*, 79(3):412-431. [Media coverage: Fox News; New York Daily News; Business Insider; La Stampa; El Mundo; Le Figaro]

N. Barban, "Family trajectories and health: A life course perspective," (2013) *European Journal of Population*, 29(4):357-385

Minello A. and N. Barban, (2012) “The educational expectations of children of immigrants in Italy,” *The Annals of the American Academy of Political and Social Sciences*, 643(1): 78–103.

Barban N and F. C. Billari, (2012) “Classifying life course trajectories. A comparison between latent class and sequence analysis,” *Journal of the Royal Statistical Society Series C (Applied Statistics)*, 61(5):765–784.

Barban N. and M.J. White, (2011) “Immigrants childrens transition to secondary school in Italy.” *International Migration Review*, 45(3): 702–726.

Barban N. and G. Dalla Zuanna, (2010) “A portrait of immigrant childrens housing experiences in Italy.” *Housing Studies*, 25(4): 559–584.

### **Chapters in books**

Barban, N. and D. Linder (2013) “Mathematical Modelling in Life Course Research,” in *Cumulative Life Course Impairment in Dermatological Diseases*, Ed. Kimball, A. , Linder, D. , Germany: Karger.

Dalla Zuanna G. and N. Barban (2008) “Le seconde generazioni in Veneto”, in *Studiare insieme, crescere insieme?* Franco Angeli, Milano.

Dalla Zuanna G. and N. Barban (2007), “Giovani veneti, vecchi e nuovi” in *Immigrazione straniera in Veneto. Dati demografici, dinamiche del lavoro, inserimento sociale. Rapporto 2006*. Franco Angeli, Milano

Barban N. (2006), “La scuola” in *Immigrazione straniera in Veneto. Dati demografici, dinamiche del lavoro, inserimento sociale. Rapporto 2005*. Franco Angeli, Milano.

### **Manuscripts under review**

N. Barban, De Luna X., Svensson I. and Billari, F.C. “ Matching lifecourses for causal inference: The effect of early retirement on health using (Swedish) register data.” *revise-and-resubmit at Sociological Methods and Research*

N. Barban, E. De Cao, C. Quintana-Domeneque and S. Oreffice. “Assortative Mating on Education: A Genetic Assessment” *University of Oxford, Department of Economics Discussion Paper Series (Ref: 791 )*

Balbo N., Barban N. and M.C. Mills, “Cross-Friend Effects on Marriage and Childbearing as Inter-related Family-Formation Processes,” *Working Papers* , “Carlo F. Dondena” *Centre for Research on Social Dynamics (DONDENA)*, *Università Commerciale Luigi Bocconi*. [submitted ]

M. Djundeva, M. Mills and N. Barban, “ A life course approach to the relationship between health inequalities and marital trajectories.” [submitted ]

## Selected conferences and invited seminars

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May	2016	<i>Genes and Complex Human Phenotypes</i> , University of Berkeley, USA
May	2016	<i>ICWSM-16. Workshop on Social Media and Demographic Research</i> , Cologne, Germany
October	2015	<i>Integrating Genetics and Social Sciences Workshop</i> , University of Colorado, Boulder USA.
September	2015	<i>Statistics and Demography: the Legacy of Corrado Gini</i> , Treviso, Italy.
June	2015	<i>The Fragile Families Summer Data Workshop</i> . New York; USA
January	2015	<i>Giornate di studio della popolazione 2015</i> , Palermo, Italy.
November	2014	<i>Social Science Genetic Association Meeting. CHARGE consortium meeting</i> , Washington DC, USA
May	2014.	PAA Annual Meeting, Boston, USA.
January	2014	<i>Social Science Genetic Association Meeting</i> , Los Angeles, USA
September	2013.	<i>Working group meeting. FP7 FamiliesAndSocieties</i> , Padua, Italy.
August	2013.	<i>IUSSP Meeting</i> , Busan, South Korea.
June	2013.	<i>Social Science Genetic Association Meeting</i> , Rotterdam, The Netherlands
May	2013.	<i>Invited talk</i> , University of Cambridge. UK
March	2013.	<i>Invited talk</i> , University of Oxford. UK
October	2012.	<i>Invited participation to the workshop: Children of immigrants in Europe: new research challenges and empirical findings</i> , University of Padova. Italy
September	2012.	<i>Fertility over the Life Course conference</i> , University of Bremen. Germany
June	2012.	<i>Invited participation to the Lausanne Conference On Sequence Analysis</i> , University of Lausanne, Switzerland.
April	2012.	<i>PAA Annual meeting</i> , San Francisco, USA.
January	2012.	<i>Alpine Population Conference (Alp-Pop)</i> , La Thuile, Italy.
October	2011.	<i>Social Science Genetic Association Meeting</i> , Los Angeles, USA.
September	2011.	<i>Combining biology and social sciences in life course studies. Workshop</i> , University of Helsinki, Finland
August	2011.	<i>Invited talk</i> , NIDI, The Hague, The Netherlands.
June	2011.	<i>INSIDE Conference, Princeton Global Network on Child Migration</i> , Barcelona, Spain.
March	2011.	<i>PAA Annual Meeting</i> , Washington, USA.
February	2011.	<i>Invited talk</i> , University of Groningen, The Netherlands.
February	2011.	<i>Invited talk</i> , Umeå University, Sweden.
February	2011.	<i>Giornate di studio della popolazione 2011</i> , Ancona, Italy.
January	2011.	<i>Alpine Population Conference (Alp-Pop)</i> , La Thuile, Italy.
December	2010.	<i>Decima conferenza di statistica</i> , ISTAT, Rome.
November	2010.	<i>Colloquium Series</i> , University of Groningen.
October	2010.	<i>IUSSP workshop on transitions to adulthood</i> , Bocconi University, Italy.
September	2010.	<i>European Population Conference</i> , Vienna, Austria
July	2010.	<i>Statistical challenges in Lifecourse research. Royal Statistical Society</i> , Leeds, UK
April	2010.	<i>PAA Conference</i> , Dallas, USA.
November	2010.	<i>VID Conference on Education and Demography</i> , Vienna, Austria.
September	2009.	<i>IUSSP Conference</i> , Marrakech, Morocco
July	2008.	<i>European Population Conference</i> , Barcelona, Spain
September	2007.	<i>Workshop: The Family and Residential Choice</i> . University of Amsterdam.

## Professional Service

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### Journals refereed:

Demography; International Journal of Public Health; PLOS One; European Journal of Population; Demographic Research; International Migration Review; Population Space and Place; European Sociological Review; Population Research and Policy Review; Biodemography and Social Biology;

Advances in Life Course Research; Housing Studies; Genus.

**Advisory Board:**

Member of the ALSPAC Law and Ethics Committee, University of Bristol

Member of the advisory board of the the University of Oxford Advanced Research Computing facility

**Scientific organisations:**

Referee for Hungarian Scientific Research Fund (OTKA)

**Session chair:**

European Population Conference 2012.

**Language skills**

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Italian native. English, Spanish fluent. Dutch elementary.

**References**

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**Prof. Melinda C. Mills**

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**Prof. Michael J. White**

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