

Pietro Biroli

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CURRENT POSITION AND AFFILIATIONS

University of Bologna, Department of Economics
Assistant Professor (RTDb) Feb 2022 - current

CEPR
Research Affiliate Dec 2020 - current

CESifo
Research Network Affiliate Feb 2020 - current

Jacobs Center for Productive Youth Development
Research Affiliate Feb 2017 - current

Institute for the Study of Labor (IZA)
Research Affiliate Mar 2015 - current

PAST POSITIONS

University of Zürich, Department of Economics
UBS Foundation Assistant Professor of Applied Economics Sept 2015 - Jan 2022

FIELDS

Primary: Labor Economics, Health Economics, Applied Microeconomics
Secondary: Social Science Genomics, Human Capital, Early Childhood

EDUCATION

Ph.D Economics, University of Chicago June 2015
M.A. Economics, Université Catholique de Louvain, Belgium Sept 2007
M. Sc. Economics, Bocconi University, Milan Italy Sept 2007
BA Economics, Bocconi University, Milan Italy June 2005

PUBLICATIONS

Baranov, Victoria, Allison Frost, Ashley Hagaman, Julian G. Simmons, Muhammad S. Manzoor, Pietro Biroli, Sonia Bhalotra, Atif Rahman, Siham Sikander, and Joanna Maselko. “*Effects of a Maternal Psychosocial Intervention on Hair Derived Biomarkers of HPA Axis Function in Mothers and Children in Rural Pakistan.*” **SSM - Mental Health**, March (2022)

Biroli, Pietro, Steven J. Bosworth, Marina Della Giusta, Amalia Di Girolamo, Sylvia Jaworska, & Jeremy Vollen, “*Family Life in Lockdown*” **Frontiers in Psychology**, 12, 3259 (2021).

Graf, Gloria Hue-Jong, Pietro Biroli, & Daniel W. Belsky, “*Critical Periods in Child Development and the Transition to Adulthood*” **JAMA Network Open**, 4(1), 2033359. (2021).

Demange, Perline A., Margherita Malanchini, Travis T. Mallard, Pietro Biroli, Simon R. Cox, Andrew D. Grotzinger, Elliot M. Tucker-Drob, Abdel Abdellaoui, Louise Arseneault, Elsje van Bergen, Dorret I. Boomsma, Avshalom Caspi, David Corcoran, Benjamin Domingue, Kathleen M. Harris, Hill F. Ip, Colter Mitchell, Terrie E. Moffitt, Richie Poulton, Joseph Prinz, Karen Sugden, Jasmin Wertz, Benjamin Williams, Eveline L. de Zeeuw, Daniel W. Belsky, K. Paige Harden, Michel G. Nivard “*Investigating the Genetic Architecture of Non-Cognitive Skills Using GWAS-by-Subtraction*” **Nature Genetics** 53, 35–44 (2021).

Biroli, Pietro, Teodora Boneva, Akash Raja, & Christian Rauh, “*Parental Beliefs about Returns to Child Health Investments.*” **Journal of Econometrics** (2020).

Maselko, Joanna and Siham Sikander, Elizabeth L Turner, Lisa M Bates, Ikhtlaq Ahmad, Najia Atif, Victoria Baranov, Sonia Bhalotra, Amina Bibi, Tayyaba Bibi, Samina Bilal, Pietro Biroli, Esther Chung, John A Gallis, Ashley Hagaman, Anam Jamil, Katherine LeMasters, Karen O'Donnell, Elissa Scherer, Maria Sharif, Ahmed Waqas, Ahmed Zaidi, Shaffaq Zulfiqar, & Atif Rahman "Effectiveness of a peer-delivered, psychosocial intervention on maternal depression and child development at 3 years of age: a cluster randomized trial in Pakistan" **Lancet Psychiatry**, 7(9), 775–787. (2020).

Baranov, Victoria, Sonia Bhalotra, Pietro Biroli, & Joanna Maselko, "Maternal Depression, Women's Empowerment, and Parental Investments: Evidence from a Large Randomized Controlled Trial." **American Economic Review** 110 (3): 824-59. (2020).

Maselko, Joanna, Ashley K. Hagaman, Lisa M. Bates, Sonia Bhalotra, Pietro Biroli, John A. Gallis, Karen O'Donnell, Siham Sikander, Elisabeth L. Turner, Turner, & Atif Rahman, "Father involvement in the first year of life: Associations with maternal mental health and child development outcomes in rural Pakistan." **Social Science & Medicine**, 112421. (2019).

Karlsson Linnér, Richard, Pietro Biroli, Edward Kong, Fleur S. Meddens, Robbee Wedow, Mark A. Fontana, SSGAC et al., "Genome-wide association analyses of risk tolerance and risky behaviors in over 1 million individuals identify hundreds of loci and shared genetic influences." **Nature Genetics**, 51(2), 245–257. (2019).

Biroli, Pietro, Daniela Del Boca, James J. Heckman, Lynne Pettler Heckman, Yu Kyung Koh, Sylvie Kuperman, & Anna L. Ziff, "Evaluation of the Reggio Approach to Early Education." **Research in Economics**. (2018).

Biroli, Pietro, Gilles Mourre, & Alessandro Turrini, "The Adjustment Mechanism in the Euro Area." **Intereconomics** 48 (3) (June 2): 159 166. (2013).

Buti, Marco, Alessandro Turrini, Paul van den Noord, & Pietro Biroli, "Reforms and Re-elections in OECD Countries." **Economic Policy** 25 (61) (January): 61-116. (2010).

Buti, Marco, Alessandro Turrini, Paul van den Noord, & Pietro Biroli, "Defying the 'Juncker Curse': Can Reformist Governments Be Re-elected?" **Empirica** 36 (1): 65-100. (2009).

WORKING PAPERS

"Beyond Barker: Infant Mortality at Birth and Ischaemic Heart Disease in Older Age" with Samuel Baker, Hans van Kippersluis, Stephanie von Hinke

"The Economics and Econometrics of Gene-Environment Interplay" with Titus J. Galama, Stephanie von Hinke, Hans van Kippersluis, Cornelius A. Rietveld, Kevin Thom

"Using Obviously-Related Instrumental Variables to Increase the Predictive Power of Polygenic Scores" with Hans van Kippersluis, Titus J. Galama, Stephanie von Hinke, S. Fleur W. Meddens, Dilnoza Muslimova, Rita Pereira, Cornelius A. Rietveld

"Moral Hazard Heterogeneity: Genes and Insurance Influence Smoking after a Heath Shock" with Laura Zwysig

"Cohort Profile: Genetic data in the German Socio-Economic Panel Innovation Sample (Gene-SOEP)" with Philipp D Koellinger, Aysu Okbay, Hyeokmoon Kweon, Annemarie Schweinert, Richard Karlsson Linner, Jan Goebel, David Richter, Lisa Reiber, Bettina Maria Zweck, Daniel Belsky, Rui Mata, Elliot M Tucker-Drob, K. Paige Harden, Gert Wagner, Ralph Hertwig

"Genes, Pubs, and Drinks: Gene-environment Interplay and Alcohol Licensing Policy in the United Kingdom." with Christian Zünd

“Framing the Predicted Impacts of Covid-19 Prophylactic Measures in Terms of Lives Saved Rather than Deaths is More Effective for Older People” with Steven J. Bosworth, Marina Della Giusta, Amalia Di Girolamo, Sylvia Jaworska, Jeremy Vollen

“Cognition, Personality, and in-group Favouritism Among Children” with Amalia di Girolamo, Michalis Drouvelis, Matteo Pinna

“Childhood socio-economic status moderates genetic predispositions for peak smoking” with L. Bierut, T. Galama, K. Thom

“Gender Differences in Cognitive Abilities and Personality Traits in Early Childhood.” with Di Girolamo, A. Senese, V. P. and Sergi, I.

“Health and Skill Formation in Early Childhood”

“Gene and Economic Interaction in Health Formation: The Case of Obesity”

GRANTS AND AWARDS

MSCA Doctoral Network: *“European Social Science Genetics Network”* Role: Co-PI; ~ 2.9M Euros 2023-2026
SNSF Projects: *“STEM-UP: Cooperation and Cognitive Abilities in Primary Schools”* Role: PI; ~ 900'000 CHF 2021-2023
NIA *“Identifying gene-by-environment interplay in health behavior”* Role: co-Investigator; ~ 850'000 USD\$ 2021-2022
CEDIL: *“Impact of maternal depression treatment on maternal health, parental investment, and child development”* Role: co-Investigator; ~ 1 million USD\$ 2020-2023
NIH: *“Early life adversities and the emergence of risk and resilience: a longitudinal study of child development.”* Role: named researcher; ~ 3 million USD\$ 2020-2025
IPA: Addressing Intimate Partner Violence: *“Evaluating Interventions with Male Perpetrators vs Female Victims in Brazil”* Role: co-PI; ~ 180'000 USD\$ 2020-2021
Benecare Foundation Grant: *“STEM-UP”* Role: PI; ~ 50'000 EUR 2019-2020
NORFACE DIAL Grant: *“Gene-Environment Interplay in the Generation of Health and Education Inequalities”* Role: co-PI; ~ 1.5 million EUR 2018-2021
Büchner Foundation Grant: *“Visual-spatial investment and human capital development”* Role: PI; ~ 50'000 EUR 2017-2018
Jacobs Foundation Research Support 2014-2015
Field Research Funding Award, Economics Department University of Chicago 2014
Henry Morgenthau Jr. Memorial Fund Dissertation Fellowship 2013-2014
Robert T. Michael Research Prize 2010
University of Chicago Presidential Fellowship 2010-2013
Bank of Italy Donato Menichella Scholarship 2009-2010
Einaudi Institute for Economics and Finance Scholarship 2008-2009
Bocconi Merit Scholarship 2005-2007

TEACHING

Lecturer, UniBo

Health Inequality over the Life-Cycle (Master, Spring 2022);

Lecturer, UZH

Program Evaluation and Causal Inference (Master, Spring 2016,17,18,19,20,21);

Econometrics For Research Students, Part II (PhD, Spring 2016,17,18,19,20,21,22);

Invited Lecturer, University of Girona

The Econometrics of access to justice (Advanced Studies, Spring 2021);

Invited Lecturer, University of Geneva

Economics and Pedagogy of Early Childhood Education (Advanced Studies, Spring 2019,20,21);

Teaching Assistant, Uchicago

Introductory to Econometrics: Honors, Devesh Raval (Undergrad 2010);

Analysis of Microeconomic Data I, Dan Black (Graduate 2010);

Analysis of Microeconomic Data II, Robert Lalonde (Graduate 2011);

Econometric Policy Analysis, James Heckman (Graduate 2011);

Life Cycle Dynamics and Inequality, James Heckman (Graduate 2011)

SUPERVISION	Luca Bagnato, University of Zurich	2021
	Jaroslav Groero, CERGE-EI,	2021
	Elisa Macchi, University of Zurich	2020
	Xiaoyue Shan, University of Zurich	2020
	Emanuele Di Carlo, University of Zurich	2020
	Carla Nasti, University of Campania	2019
	Christian Zünd, University of Zurich	2019
	Janina Nemitz, University of Zurich	2017

PRESENTATIONS

2022: Inequality Workshop at Rotterdam, European Social Science Genetics Network Conference 2022 (main organizer), ICES at George Mason University, Dondena Research Seminar, AlpPop Workshop, Workshop on the Economics of the Family and Gender, **2021:** University College Dublin, University Ca Foscari, Brucchi Luchino Conference, IGSS Conference, University of Helsinki, FRDB Workshop, EALE Conference, Essen Health Conference, YoDev, Journal Club Social-Science Genetics, USC Center for Economic and Social Research, Social Science Genetics Paris, CEDIL Machine Learning Workshop, University of Connecticut, ASSA Conference. **2020:** University of Lugano, University of Pittsburgh, Monash University, University of Basel, IGSS Conference, VERB Seminar, EEA Conference, RES Policy Webinar, EALE-SOLE Conference, AlpPop Workshop, SKILS Seminar. **2019:** Universities of Würzburg and Nürnberg, University of Amsterdam, University of Bergamo, AlpPop Workshop, SKILS Seminar. **2018:** IGSS Conference, University of Aarhus, University of Southern Denmark, University of Berghen, University of Lucerne, SwissRe Expert Forum on Genomic Medicine, National Conference of Italian Labour Economics (invited presentation), European Association of Labor Economics Conference, Econometric Society European Meeting, Gothenburg Public Health Conference, Genetics of Development and Aging Workshop, Alghero Health Economics Conference, Economics of Education and Child Development Workshop, Essen Health Conference, University of Bolzano, University of Lugano, SKILS Seminar. **2017:** 2nd York Workshop on Labour and Family Economics, MiSoC Workshop on parental beliefs, Duke DUPRI seminar, Padova University, AEA Meetings, SKILS Seminar. **2016:** Happiness, Health, and self-regulation conference, CHILD Workshop, Jacobs Research Prize Symposium, ‘Uncovering Causal Mechanisms’ conference, IZA/SOLE Transatlantic Meeting of Labor Economists, FK-IRVAPP, Joint Research Centre, CERGE-EI, European University Institute, Bocconi University, University of Geneva, Norwegian School of Economics, ATHEA, SKILS Seminar. **2015:** Queen Mary University, University of Essex, Society of Labor Economics, Cornell University. **2014:** Dialogue of Two Cities - NYC and Reggio Emilia, Illinois Economic Association, Society of Labor Economics, CPE seminar, Institute for Fiscal Studies, Genoeconomics Workshop. **2013:** Chicago Area Workshop in Family Economics, Annual Health Econometrics Workshop, IZA/CEPR European Summer Symposium in Labour Economics, University of Bristol.

REFEREE

Journal of Political Economy; Econometrica; Review of Economic Studies; Review of Economics and Statistics; Economic Journal; Journal of the European Economic Association; PNAS; Demography, American Economic Journal: Applied Economics; Journal of Health Economics; Journal of Human Resources; Journal of Development Economics; Journal of Public Economics; Journal of Human Capital; Journal of Economics Behaviour and Organization; Journal of the Royal Statistical Society; Journal of Population Economics; Social Science & Medicine; PLOS One; Labour Economics; Economic Policy; Journal of Demographic Economics; International Economic Review; Economics and Human Biology; Applied Health Economics and Health Policy; Economic Development and Cultural Change; Health Policy and Planning; Empirical Economics; Journal of Economic Studies; Social Behavior and Personality; SSM Mental Health;

June 14, 2022