

# Davide Barrera

## CURRICULUM VITAE

### *Contact*

Department of Culture Politics and Society  
University of Turin  
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### *Academic positions*

2019-present Associate professor, Department of Culture, Politics and Society, Università degli Studi di Torino (University of Turin)  
2012-present Affiliate at Collegio Carlo Alberto  
2010-2019 Assistant professor, Department of Culture, Politics and Society, Università degli Studi di Torino (University of Turin) (tenured)  
2010-2014 Research fellow, Department of Sociology / ICS, Utrecht University  
2009-2010 Assistant professor, Department of Methods and Statistics, Utrecht University  
2005-2009: Assistant professor, Department of Sociology / ICS, Utrecht University  
2000-2005: Ph.D. candidate Department of Sociology / ICS, Utrecht University

### *Visiting positions*

2009 (18/5 - 20/6) Visiting Professor. Department of Social Sciences. Università degli Studi di Torino (University of Turin).  
2008 (1/5 - 31/5) Visiting Professor. Department of Social Sciences. Università degli Studi di Torino (University of Turin).  
2003 (15/2 - 6/4) Visiting research fellow. Department of Sociology. University of South Carolina, Columbia USA. Host: Prof. David Willer.

### *Education*

2013 Abilitation as Associate Professor

2005 Ph.D. Sociology, Utrecht University (supervised by Vincent Buskens and Werner Raub)

2002 Summer course in Experimental Economics, Max Planck Institute of Economics, Jena.

2001 Advanced methods and techniques of empirical research, ICS postgraduate course

2000 Theory construction and modelling, ICS postgraduate course

2000 Essex Summer School in Social Sciences Data Analysis and Collection

1999 M.A. Political Science (*cum laude*), Università degli Studi di Torino

1997/98 Erasmus exchange Program, Umeå Universitet, Umeå (Sweden)

### *Languages*

Italian, English, Dutch, Spanish, German, basic knowledge of Portuguese

### *Statistical packages*

Stata, SPSS, Gephi, Ucinet

## **Research Interests**

Quantitative methods, social networks, cooperation problems, behavioral game theory, experimental research, social psychology (especially group processes), social mechanisms, and actor-based social theory.

## **Publications**

### *Books*

Barrera, Davide (2005) *Trust in Embedded Settings*. Veenendaal: Universal Press.

### *Articles and chapters*

Romanò, Sara and Davide Barrera (2019) The Impact of Market-oriented Reforms on Inequality in Transitional Countries: New Evidence from Cuba. Forthcoming in *Socio-Economic Review*. (I.F. 3.016; ranked 8<sup>th</sup> out of 147 in Sociology, 14<sup>th</sup> out of 169 in Political Science and 40<sup>th</sup> out of 353 in Economics in 2017).

Marucci Eleonora, Beau Oldenburg, and Davide Barrera (2018). Do teachers know their students? Examining teacher attunement in secondary schools. *School Psychology International* 39: 416-432. (I.F. 1.103; ranked 44<sup>th</sup> out of 59 in Educational Psychology).

Barrera Davide (2018). Deception and Research. In Deborah Poff and Alex Michalos (eds.) *Encyclopedia of Business and Professional Ethics*. Springer, Cham (CH). Pp. 1-4.

Barrera Davide and Sara Romanò (2017). Il metodo sperimentale. In Barbera, Filippo and Pais, Ivana (eds). *Manuale di Sociologia Economica*. EGEA, Pp. 1-16 (online).

- Barrera Davide (2017) Il metodo sperimentale. In Cardano, Mario and Ortalda, Fulvio (eds). *Metodologia della ricerca psico-sociale*. UTET, pp. 121-150.
- Oldenburg, Beau, Davide Barrera, Tjeert Olthof, Frits Goossens, Matty van der Meulen, Mariolijn Vermande, Liesbeth Aleva, Miranda Sentse, and Renè Veenstra (2015). Recognizing Victims of Bullying in the Classroom: A Comparison of Individual Peer Reports and Self Reports. *Journal of School Psychology* 53: 309-321. - (I.F. 3.355; ranked 4<sup>th</sup> out of 57 in Educational Psychology in 2015)
- Barrera, Davide, Vincent Buskens, and Werner Raub (2015) Embedded Trust: The Analytical Approach in Vignettes, Laboratory Experiments and Surveys. In Fergus Lyon, Guido Möllering, Mark Saunders and Tally Hatzakis (eds.) *Handbook of Research Methods on Trust: Second Edition*. Edward Elgar, pp. 251-264.
- D'Ovidio, Fabrizio e Davide Barrera (2014) Attrazione, repulsione e performance nei gruppi di lavoro. [Attraction, Repulsion and Performance in Work Groups] *Sistemi Intelligenti* 26 (3): 557-574.
- van Miltenburg, Nynke, Vincent Buskens, Davide Barrera and Werner Raub (2014) Implementing Punishment and Reward in the Public Goods Game: The Effects of Individual and Collective Decision Rules. *International Journal of the Commons* 8 (1): 47-78. - (I.F. 1.463; ranked 50<sup>th</sup> out of 100 in Environmental Studies in 2014)
- Barrera, Davide (2014) Mechanisms of Cooperation. In Manzo, Gianluca (ed.), *Analytical Sociology, Actions and Networks*, New York: John Wiley & Sons Inc. (Wiley Series in Computational and Quantitative Social Science). Pp. 172-195.
- Barrera, Davide and Brent Simpson (2012) Much Ado about Deception: Consequences of Deceiving Research Participants in the Social Sciences. *Sociological Methods & Research* 41 (3): 383-413. (I.F. 1.84; ranked 8<sup>th</sup> out of 45 in Social Sciences, Mathematical Methods and 16<sup>th</sup> out of 139 in Sociology in 2012)
- Barrera, Davide, Vincent Buskens, and Werner Raub (2012) Embedded Trust: The Analytical Approach in Vignettes, Laboratory Experiments and Surveys. In Fergus Lyon, Guido Möllering, Mark Saunders and Tally Hatzakis (eds.) *Handbook of Research Methods on Trust*. Edward Elgar, pp. 199-211.
- Barrera, Davide and Gerhard van de Bunt (2009). Learning to Trust: Network Effects through Time. *European Sociological Review* 25 (6): 709-721. (I.F. 1.21; ranked 34<sup>th</sup> out of 114 in Sociology in 2009)
- Barrera, Davide and Vincent Buskens (2009) Third-Party Effects. In Cook, K. S., Snijders, C., Buskens, V., and Cheshire, C. (eds.) *eTrust*. New York: Russell Sage Foundation, pp. 37-72.
- Barrera, Davide (2008). The Social Mechanisms of Trust. *Sociologica [Italian Journal of Sociology]* 2008(2): 1-32.
- Barrera, Davide (2007) The Impact of Negotiated Exchange on Trust and Trustworthiness. *Social Networks* 29 (4): 508-526. (I.F. 1.64; ranked 9<sup>th</sup> out of 95 in Sociology in 2007)
- Barrera, Davide and Vincent Buskens (2007). Imitation and Learning under Uncertainty: A Vignette Experiment. *International Sociology* Vol. 22 (3): 366-395. - (I.F. 0.94; ranked 28<sup>th</sup> out of 95 in Sociology in 2007)

Barrera, Davide. (2000) Gruppo dei Pari e Rendimento Scolastico [Peer Group and Academic Achievement]. *Quaderni di Sociologia* Vol. 44: 99-122.

### ***Book Reviews***

Flaminio Squazzoni (2012) Agent-based Computational Sociology. *Rassegna Italiana di Sociologia* 1/2013 : 171-174.

Mario Luis Small (2017) Someone To Talk To. *Rassegna Italiana di Sociologia* 1/2019: 185-186.

### ***Working papers and research proposals***

Andrei Filippo, Davide Barrera and Emilio Sulis (2018). The Mechanisms of Cooperation in a Cryptomarket for Illegal Drugs (in progress).

Porporato Valerio, Davide Barrera, Fabrizio D'Ovidio and Renato Roda (2018), Basking in Reflected Glory: Cognitive Social Structures and Self-Serving Biases (in progress).

Barrera Davide, Giulia Andrighetto and Flaminio Squazzoni (2018). "One for all, all for one. Reputational mechanisms for aggression, revenge, and forgiveness in intergroup relationships (14ALL)". Grant proposal. Submitted to MIUR (Minister of Education, University and Research, as a PRIN (Research Projects of National Interest).

D'Ovidio, Fabrizio and Davide Barrera (2014) Victoria Concordia Crescit. Personal Relationships among Athletes and Sport Team Performance. Working Paper.

Barrera Davide and Massimo Follis (2012) Social Support at Work: The Effects of Positive and Negative Ties on Employees' Well-being and Distress. Working Paper.

Wiedemann, Vera, Barrera, Davide, and Buskens, Vincent (2010). Comparing Consequences of Carrots and Sticks on Cooperation in Repeated Public Good Games. SSRN Working Paper Series.

Barrera Davide and Massimo Follis (2010) Mobbing e reticoli sociali: l'insorgenza dei legami negativi nelle organizzazioni. Working Paper.

Barrera, Davide (2008). Ostracism in Small Groups: A Theory of Hostile Ties. presented at the 2008 Annual Meeting of the American Sociological Association, Boston, August, 1-4. (Revise and resubmit at *Sociological Theory*)

Barrera, Davide, Buskens, Vincent and Raub, Werner (2002) Trust in Embedded Settings: the Dark side of Social Networks. Proposal for the Netherlands Organization for Scientific Research (NWO). ISCORE paper nr. 204, 9 pp.

## **Presentations**

### ***Conferences and workshops***

2019 "Order with Some Law: Institutions Moderate the Effects of Reputation in a Cryptomarket for Illegal Drugs" presented at the 18<sup>th</sup> International Conference on Social Dilemmas (ICSD), Sedona, AZ (USA) 3-7/06/19.

- 2019 "The Social Peer Ecology in Classrooms: The Role of Students, Teachers and School-Based Interventions" presented at the biennial meeting of the Society for Research in Child Development (SRCD), Baltimore, MD (USA), 21-23/03/19
- 2018 "Frames, Incentives and Deception in Experiments with Human Subjects" presented at the first Annual Conference on Experimental Sociology (ACES), Wien 6-7/09/18.
- 2018 "Basking in Reflected Glory: Cognitive Social Structures and Self-Serving Biases" presented at the XXXVIII Sunbelt Conference, Utrecht (NL) 26/06-01/07/18.
- 2018 "Do Teachers Know Their Students? Examining Teachers' Attunement in Secondary Schools." Presented at PRO meeting, Groningen, the Netherlands.
- 2014 "Identifying Victims of Bullying in the Classroom: Differences Between Defenders and Outsiders". Poster session presented at Society for Research on Adolescence, Austin, TX, USA.
- 2013 "The Effects of Institutional Change on Economic Inequality in Cuba" Presented at the Annual meeting of the American Sociological Association (ASA). New York, USA.
- 2012 "Assessing the Validity of Cognitive Social Structures: A Comparison Between Two Alternative Measurements of Positive and Negative Social Networks." Presented at the workshop "Negative Ties and Social Networks." Budapest, Corvinus University of Budapest, Doctoral School of Sociology.
- 2012 "Implementing Sanctions in the Public Good Game: The Effect of Individual and Collective Decision Rules." Presented at the The Fifth Joint Japan-North America Mathematical Sociology Conference. Denver, USA.
- 2011 "Comparing Consequences of Carrots and Sticks on Cooperation in Repeated Public Good Games." Presented at the Annual meeting of the American Sociological Association (ASA). Las Vegas, USA.
- 2011 "Comparing Consequences of Carrots and Sticks on Cooperation in Repeated Public Good Games." Presented at the 4<sup>th</sup> Conference of the European Network of Analytical Sociologists (ENAS). Paris
- 2011 "Implementing Sanctions in the Public Good Game: The Effect of Individual and Collective Decision Rules." Presented at the 4<sup>th</sup> Conference of the European Network of Analytical Sociologists (ENAS). Paris
- 2011 "Implementing Sanctions in the Public Good Game: The Effect of Individual and Collective Decision Rules." Presented at the Nuffield workshop on experimental research on social dilemmas. University of Oxford, UK.
- 2010 Mobbing and Social Networks. The Emergence of Negative Relationships in Organizations. Presented at the 3<sup>rd</sup> Conference of the European Network of Analytical Sociologists (ENAS). Barcelona.
- 2010 "The Harmlessness of Deception" international workshop on "Mechanisms and Analytical Sociology". Presented at 22<sup>nd</sup> Annual Group Processes Conference: Atlanta, USA.
- 2009 "The Harmlessness of Deception" international workshop on "Mechanisms and Analytical Sociology". Department of Social Sciences. Università degli Studi di Torino.

- 2009 "The Effects of Deception in Experimental Research on Social Dilemmas" Department of Sociology, University of South Carolina.
- 2008 "Ostracism in Small Groups: A Theory of Hostile Ties" Annual meeting of the American Sociological Association (ASA). Boston, USA.
- 2008 "Ostracism in Small Groups: A Theory of Hostile Ties" Conference of the International Institute of Sociology (IIS). Budapest, Hungary.
- 2006 "Dynamics of social support in classrooms" Fifth Workshop on Networks in Economics and Sociology: Dynamic Networks. Utrecht, The Netherlands.
- 2005 "Third-Party Effects in an Embedded Investment Game." Annual meeting of the American Sociological Association (ASA). Philadelphia, USA.
- 2005 "Learning to Trust: Network Effects through Time" Fourth Workshop on Networks in Economics and Sociology. Utrecht, The Netherlands.
- 2004 "Trust and Trustworthiness in Negotiated Exchange" XXIV International Sunbelt Social Network Conference, Portoroze, Slovenia.
- 2004 "Trust and Trustworthiness in Negotiated Exchange". Department of Social Sciences. Università degli Studi di Torino, Italy.
- 2003 "Imitation and Learning under Uncertainty: A Vignette Experiment" Nosmo Methodologendag Amsterdam, the Netherlands.
- 2002 "Imitation and Learning under Uncertainty: A Vignette Experiment" LILNET Conference. Lille, France.
- 2002 "Imitation and Learning under Uncertainty: A Vignette Experiment" 2002 ISA World Congress of Sociology, Brisbane, Australia.
- 2001 "Imitation and Learning under Uncertainty: A Vignette Experiment" Department of Social Sciences. Università degli Studi di Torino, Italy.

#### *Seminars and lectures by invitation*

- 2019 "Basking in Reflected Glory: Cognitive Biases in the Perception of Social Networks" Invited seminar at the Institute for Sociology and Social Psychology of University of Cologne.
- 2019 "The Mechanisms of Cooperation in a Cryptomarket for Illegal Drugs". Invited seminar at the Institute for Sociology of University Bern (Bern, Switzerland).
- 2018 "Crosscultural Variations in Social Preferences and Social Norm" Invited lecture at the research master in Sociology, University of Cologne. (Cologne, Germany).
- 2016 "Analysis of the Evolution of Peer to Peer Relationship in a Class Context". 2young2fail final conference, Turin.
- 2016 "Focchi in Ospedale. Riflessioni sulle Opportunità e i Rischi di una Rete". Save the Children, Rome.
- 2016 "Social Network Analysis & Dropout Risk in Early Secondary Education". 2young2fail webinar, Setubal, May 2016. (<https://www.youtube.com/watch?v=mg0auddYkY4>)

- 2015 "Analisi delle Reti. Teorie, Strumenti ed Opportunità". Invited Lecture, Save the Children, Rome.
- 2015 "Analisi delle reti e dispersione scolastica". Torino, Festival dell'Educazione, Novembre 2015
- 2009 "Who Gossips about Whom? Malicious Gossip and Hostile Ties." ICS / Department of Sociology, University of Groningen.
- 2009 "Who Gossips about Whom? Malicious Gossip and Hostile Ties." SDA School of Management, University of Lugano.
- 2009 "The Experimental Method in the Social Sciences" Invited lecture. Department of Social Sciences. Università degli Studi di Torino.
- 2008 "The Experimental Method in the Social Sciences" Invited lecture. Department of Social Sciences. Università degli Studi di Torino.
- 2007 "Ostracism in Small Groups: A Theory of Hostile Ties" Departmental seminar, Torino
- 2007 "The Impact of Negotiated Exchange on Trust and Trustworthiness" 19<sup>th</sup> Annual Group Processes Conference: New York, USA
- 2005 "Trust in Embedded Settings." Departmental seminar Torino, Italy

## Referee

### *Journals*

- American Journal of Sociology - American Sociological Review - Journal of Economic Behavior and Organization - European Sociological Review - Social Networks - International Sociology - Rationality and Society - Social Science Research - Human Relations - Stato e Mercato - American Political Science Review - Social Forces - Behavior Research Methods - Social Psychology Quarterly

### *Institutions*

- (American) National Science Foundation (NSF) - Swiss National Science Foundation (SNSF) - Hong Kong Research Grant Council (RGC)

## Grants

- 2019- One for All, All for One. Reputational Mechanisms for Aggression, Revenge, and Forgiveness in Intergroup Relationships (14ALL)" (Principal Investigator). Research Project of National Interest (PRIN), funded by the Minister of Education University and Research (MIUR). 442080€
- 2017- "Closer to Trust: the mechanisms of trust in interethnic relations" (Fondazione CRT). 35000€.
- 2017- "Inside Trust: understanding what makes people trust" (Compagnia di San Paolo). 78000€

2012-2013 “Dynamics and Effects of Negative Ties in Organizations.” (Principal Investigator)  
Funded by Fondazione CRT (Cassa di Risparmio di Torino). 40000€

2010-2014 The Feasibility of Cooperation under Various Sanctioning Institutions: A Research Program. (Principal Investigator). Funded by the Netherlands Organization for Scientific Research (NWO). 207000€

2008-2010 “Dynamics of negative ties: emergence, diffusion, and consequences of ostracism in organizational settings.” (Principal Investigator) Funded by Università degli Studi di Torino and Fondazione CRT (Cassa di Risparmio di Torino). 40000€

## Teaching

### Doctoral

- Social Networks (2015-2017)\*
- Applied Multivariate Statistics (2014)\*
- Measurements Problems (2012-2013)
- Statistics (2011)
- The Experimental Method in the Social Sciences (2008-2009)

### Master

- Statistics (Master in Sociology) (2019)
- Methods for Social and Policy Analysis (Master in Public Policy and Social Change, Collegio Carlo Alberto) (2018-present)\*
- Models of interactions and Social Networks (Master in Sociology) (2013 – present)\*
- Sociology (Master Program in Health and Prevention) (2016-present)
- Statistical Laboratory (Master in Sociology) (2011 – present)
- Multivariate Analysis (several Master programs) (2009-2010)\*
- Statistics (Utrecht University School of Governance) (2009-2010)\*

### Bachelor

- Data Management Laboratory (Bachelor in Intercultural Communication) (2013-2015)
- Sociology of Economic Development (Bachelor in International Cooperation) (2011 - 2013)
- Methods and Statistics 1 (University College Utrecht) (2009-2010)\*
- Methods and Statistics 2 (University College Utrecht) (2009-2010)\*
- Models of Measurement (Bachelor in Sociology) (2001-2009)\*
- Sociological Theories: Models of Social Interactions (bachelor in Sociology) (2004-2009)\*
- Statistics (in Dutch) (several bachelor programs) (2006)

\* courses taught in English

- Supervised PhD thesis: Eleonora Marucci (2017-present) (with Beau Oldenburg and Rene Veenstra); Nynke van Miltenburg (2010-2015) *Cooperation under Peer Sanctioning Institutions - Collective Decisions, Noise, and Endogenous Implementation*. Utrecht: ICS dissertation series. (with Vincent Buskens and Werner Raub) (defended at ICS Utrecht on June 5<sup>th</sup> 2015).



- Supervised Master theses: Maarten Schep (2006), Janneke, Stovers (2007), Nynke Piël (2007), Joost de Jong (2008), Baaf Leijten (2009), Inge van der Lee (2009), Maarten Bosveld (2009), Vera Wiedemann (2009), Giulia Merlino (2011), Francesca Matta (2011, cum laude) Eduardo Ferretti (2013) Pryanka Boerio (2015, cum laude) Valentina Checchia (2015) Eleonora Marucci (2017, cum laude, recommended for publication) Filippo Monti (2017, cum laude) Valerio Porporato (2017, cum laude, recommended for publication) Elisa Lorenzo (2018) Filippo Andrei (2018, cum laude) Alessandro Pambianchi (2018, cum laude) Carlo Cian (2019) Anna Righetti (2019) Vlad Gheorghe (2019, cum laude, recommended for publication).

## **Memberships and other activities**

### *Scientific:*

- Member of the American Sociological Association
- Member of the International Network Of Analytical Sociologists (Previously European Network of Analytical Sociologists)
- Session Organizer and chair of the session "In Search of Homo Sociologicus" at the Annual Meeting of the American Sociological Association, section on Rationality and Society (2011, Las Vegas, USA)
- Member of the Local Organizing Committee of the 11<sup>th</sup> Meeting of the European Sociological Association (2013, Turin)
- Secretary/treasurer of the "Rationality and Society" section of the American Sociological Association (2012-2014).
- Scientific director of "Atlante delle Professioni" (Atlas of professions) University of Turin (2017-present)
- vice director of the Center for LabOratory Simulations and Experimental Research (CLOSER), University of Turin

### *Teaching and administration:*

- Member of the steering committee of the master program in Sociology (2013-present)
- tutor for the master program in Sociology (2013-present)
- Member of the evaluation committee for the master program in Sociology (2013-present) (2013-present)

### *Third mission:*

- Scientific director for the Italian portion of the European project 2young2fail, for Fondazione Scuola della Compagnia San Paolo (2015-2016)
- member of the scientific committee on partnership management for Save the Children (2016-present).
- member of the scientific committee of LabNET (Appliet Network Science Laboratory) at the SAA School of Management (2016-present).