

Curriculum Vitae*

Michał Bojanowski

Personal data

Name	Bojanowski, Michał
Gender	Male
Born	August 28, 1978 in Warsaw, Poland
Nationality	Polish
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Educational career

1993–97	1st SLO – secondary school in Warsaw. Extended program of mathematics and physics.
1997–2003	Institute of Sociology, Warsaw University. Master's degree in Sociology received on July 10, 2003. Master's thesis: <i>Log-linear models and structural models of information theory. Two approaches to categorical data analysis</i> prepared under supervision of Prof. Grzegorz Lissowski.
X 1999 – VI 2000	Institute of Musicology, Warsaw University.
IX 2005 – VIII 2010	Inter-university Center for Social Science Theory and Methodology, Utrecht University, The Netherlands. PhD program.

Academic positions

II 2004 – V 2010	Researcher at the Research Team on Comparative Social Inequality in the Institute of Philosophy and Sociology of Polish Academy of Sciences.
IX 2005 – VIII 2010	Inter-university Center for Social Science Theory and Methodology, Utrecht University, The Netherlands. PhD program.

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IX 2010 – present Interdisciplinary Centre for Mathematical and Computational Modelling (ICM) at the University of Warsaw.

Research experience

- I 1998 Interviewer at the Public Opinion Research Center (CBOS) for the survey on attitudes of Polish clergy towards Poland's accession to the European Union.
- VI – VII 2000 Statistical data analysis for the research project on human resources management strategies employed by Polish firms Investigator: Krzysztof Obłój (School of Management, Warsaw University).
- VI 2000 Preparation of the sampling design and statistical analysis for the project *Concepts and foundations of a system for monitoring problems of disabled people in Poland* coordinated by Warsaw Management School.
- IX 2000 – X 2002 Member of the Polish General Social Survey (PGSS) team (head: Dr. Bogdan Cichomski) at the Institute for Social Studies, Warsaw University. Preparation of PGSS surveys (conducted every two years): questionnaires, datasets and accompanying documentation as well as periodical reports based on PGSS data.
- 2001/2002 Member of the team that developed research tools and dataset for Warsaw Area Study (WAS), a survey of Warsaw adult population. Main research questions focused on: conditions of living, quality of life, perception of citizens' control over issues important for their neighborhoods and the city. The study was a part of the larger project: Study on Warsaw Metropolitan Area coordinated by Institute for Social Studies, Warsaw University.
- VI 2003 – V 2010 Collaborator and since February 2004 Researcher at the Research Team on Comparative Social Inequality (ZPANS) at the Institute of Philosophy and Sociology of Polish Academy of Sciences (IFiS PAN). Co-designer of the fourth wave of the panel study Social Changes in Poland. The study is a part of the internationally supported project *Social Structure in Poland, 1988–2003. Dynamic Analysis in International Context* – principal investigator: Prof. Kazimierz M. Słomczyński (IFiS PAN, Ohio State University). The project aims at comprehensive description of the current state of social structure and its evolution during the systemic transformation in Poland.
- III 2005 Collaborator in the project *New occupational classification and occupational scales* (principal investigator: Prof. Henryk Domański, IFiS PAN). Devising the research design and tools of the survey of the occupational prestige among experts. The project aims at revising (Polish) Social Classification of Occupations as well as constructing new scales of occupational prestige and occupational socio-economic position.
- IV 2005 Collaborator in the project *Psychological correlates and consequences of nutrition control process* coordinated by Prof. Grażyna Wieczorkowska-Nejtardt (Warsaw University), Prof. Eugene Burnstein (University of Michigan, Ann Arbor) and Prof. Richard Gonzales (University of Michigan, Ann Arbor). The project aims at identifying configurations of factors that trigger so-called „loss of control of nutrition process” as well as exploring physiological and psychological consequences of regularity (or the lack of it) in nutrition and diet composition. Designing data-analytic and visualization

- methods and tools for the collected data (in the form of multivariate time series).
- VII – XII 2008 Evaluation of “Działanie 2.3 SPO RZL”, a human capital development program for Polish enterprises, organized by Polska Agencja Rozwoju Przedsiębiorczości (PARP, Polish Agency for Enterprise Development, <http://www.parp.gov.pl>).
- IX 2005 – present Participant in the project *Dynamics of Cooperation, Networks, and Institutions*, a collaborative project of Interuniversity Center for Social Science Theory and Methodology (ICS) and Tjalling C. Koopmans Institute (TKI) at the Utrecht University. The project aims at studying network formation and cooperation under different institutional arrangements through developing innovative theory on the emergence and stability of cooperative relations and testing this theory with complementary data from experiments and research on alliance formation among firms.
- IX 2008 Preparation of sampling scheme and post-stratification weights for the Polish edition of the survey Careers of Doctorate Holders (CDH) coordinated by Ośrodek Przetwarzania Informacji (OPI, Information Processing Centre, <http://www.opi.org.pl>).

Research interests

- Dynamics of social networks: Social network formation models, influence and selection in social networks.
- Conflict and cooperation: social dilemmas, collective action. Game theory.
- Statistical models in the social sciences: social network analysis, categorical data analysis, time series analysis, statistical analysis with incomplete observations.
- Formal models in the social sciences: decision theory, game theory, social choice theory.
- Statistical computing.

Publications and working papers

Michał Bojanowski and Rense Corten. Measuring segregation in social networks. SSRN paper, 2011. URL <http://ssrn.com/abstract=1873465>.

Michał Bojanowski, Rense Corten, and Bastian Westbrock. The Structure and Dynamics of the Global Network of Inter-Firm R&D Partnerships. *Journal of Technology Transfer*, 36:?, 2011.

Michał Bojanowski and Vincent Buskens. Coordination in Dynamic Social Networks under Heterogeneity. *Journal of Mathematical Sociology*, 35(4):249–286, 2011.

Dominik Batorski, Michał Bojanowski, and Dominika Czerniawska. Diagnoza mobilności instytucjonalnej i geograficznej osób ze stopniem doktora w polsce. Technical report, Ośrodek Przetwarzania Informacji we współpracy z Interdyscyplinarnym Centrum Modelowania Matematycznego i Komputerowego UW, 2010.

Michał Bojanowski and Vincent Buskens. Coordination in Dynamic Social Networks under Heterogeneity. ISCORE discussion paper 260, Institute for the Study of Cooperative Relations, Department of Sociology, Utrecht University, Utrecht, 2009. URL <http://www.uu.nl/uupublish/onderzoek/onderzoekcentra/ics/researchprograms/cooperationinsoc/discussionpapers/13494main.html>.

- Michał Bojanowski, Rense Corten, and Bastian Westbrock. The Structure and Dynamics of the Global Network of Inter-Firm R&D Partnerships. ISCORE discussion paper 261, Institute for the Study of Cooperative Relations, Department of Sociology, Utrecht University, Utrecht, 2009. URL <http://www.uu.nl/uupublish/onderzoek/onderzoekcentra/ics/researchprograms/cooperationinsoc/discussionpapers/13494main.html>.
- Michał Bojanowski and Dominik Batorski. Analiza rezultatów projektów realizowanych w ramach działania 2.3 SPO RZL. In *Doskonalenie kadr polskich przedsiębiorstw*, chapter 3, pages 45–72. Polska Agencja Rozwoju Przedsiębiorczości, Warszawa, 2009.
- Krystyna Janicka and Michał Bojanowski. Stosunek do imigrantów i polityki imigracyjnej w Polsce: Aspekt terytorialny. [*Attitudes to migrants and immigration politics in Poland: Territorial aspects*]. In *Transgraniczność w perspektywie socjologicznej V. [Borderlands in Sociological Perspective V]*, chapter ?, page ?. Lubuskie Towarzystwo Naukowe, Zielona Góra, 2006.
- Michał Bojanowski. Algorytm alokacji tytułów zawodowych w eksperckich badaniach prestiżu zawodów. [*An algorithm for allocation of occupational titles among respondents in studies on occupational prestige*]. *ASK*, 14:79–91, 2005.
- Michał Bojanowski. Statistical Inference for Theil Inequality Measure. Working paper, 2004. URL <http://www.ifispan.waw.pl/socnierowno/people/mb/ineqest040419-en.pdf>.
- Kazimierz M. Słomczynski and Michał Bojanowski. Pogranicze jako przedmiot badań socjologicznych, uwagi metodologiczne. [*Borderland as a subject of sociological inquiry. Methodological remarks*]. In *Transgraniczność w perspektywie socjologicznej: Teorie, studia, interpretacje. [Cross-borders in the sociological perspective. Theories, research, interpretations]*, chapter 1, pages 23–34. Lubuskie Towarzystwo Naukowe, Zielona Góra, 2003.

Courses and workshops

- VII – VIII 2002 *Summer Program in Quantitative Methods of Social Research* organized by Inter-university Consortium for Political and Social Research (ICPSR), University of Michigan, USA. Courses taken: “Categorical Analysis”, “Linear, Nonlinear and Nonparametric Regression”, “Scaling and Dimensional Analysis”, “Statistical Computing in S”. Additionally, as a part of The Hubert M. Blalock Lecture Series on Advanced Topics in Social Research: “Resampling Techniques: The Bootstrap”, “Causal Inference in the Social Sciences”, “Missing Data: Statistical Analysis of Data with Incomplete Observations”, “Bayesian Methods”, “Statistical Graphics for Univariate and Bivariate Data Display”.
- I 2006 *Statistical Evaluation of Social Network Dynamics* (University of Groningen, The Netherlands).
- V 2007 *Exponential Random Graph Models*. Statistical analysis of a network structure (Sunbelt XXVII, Corfu, Greece).
- III 2008 *Bayesian Evaluation of Informative Hypotheses* (Utrecht University, The Netherlands).

Teaching and courses given

- 12 IX 2004 Workshop *Panel data and the R package* at the conference *Radical Social Change in East Europe: A Dynamic Analysis of Panel Data*, IFiS PAN, Warsaw, Poland.

2005	Course: <i>Analysis of sociological data with SPSS</i> for undergraduate students at the College School of Economics and Arts in Skierniewice, Poland.
2005	Workshop <i>Data analysis with SPSS</i> for Centrum Systemów Informacyjnych Ochrony Zdrowia [Center for Information Systems in Health Care]. Warsaw, Poland.
2006 – 2009	Course <i>Practical Data Analysis</i> in the Sociology Bachelor program at the Utrecht University, The Netherlands.
2006 – 2009	Supervision of bachelor thesis projects in Sociology at the Sociology Department of Utrecht University, The Netherlands.
2006 – 2009	Co-supervision of bachelor thesis projects in Economics with minor in Sociology at the Utrecht University, The Netherlands.
XII 2010	Workshop <i>Analiza danych społecznych za pomocą programu R</i> [Analysing sociological data with R], IFiS PAN, Warsaw.
2011	Workshop <i>Analiza sieci społecznych</i> [Social Network Analysis], Postgraduate Studies on Business Intelligence, SGH, Warsaw.
2011	Workshop <i>Introduction to Social Network Analysis with R</i> , XXX Sunbelt, St Pete Beach, FL, USA.

Conference appearances

X 2000	9th Polish Sociological Congress, Rzeszów–Tyczyn
15–16 XII 2003	Conference <i>The Role of Survey Research in Studying Social Change in Eastern Europe</i> , Warsaw, IFiS PAN. Paper: <i>Income mobility, a decomposition approach</i> .
20–22 V 2004	Conference <i>useR! 2004</i> , Technische Universität Wien, Vienna. The first international conference for R users: an open source project for statistical computing.
12 IX 2004	Conference <i>Radical Social Change in East Europe: A Dynamic Analysis of Panel Data</i> , Warsaw, IFiS PAN. Paper: <i>Household Income Mobility: A Dynamic Analysis 1988–2003</i> .
19 IX 2004	12th Polish Sociological Congress, Poznań. Paper: <i>Household income mobility in 1988–2003</i> .
19 IX 2004	12th Polish Sociological Congress, Poznań. Paper: <i>Statistics in R. Presentation of the statistical software with examples of Bootstrap inference methods</i> .
21–22 X 2004	Conference <i>Cross-borders in the Sociological Perspective V</i> , Łągów Lubuski. Paper (co-author Prof. Krystyna Janicka): <i>Attitudes to immigrants and immigration politics in Poland. Territorial aspect</i> .
6–8 V 2005	Meeting of ISA Research Committee 28 (RC28) on Social Stratification and Mobility, Oslo. Paper: <i>Household income inequality and mobility in Poland, 1988–2003</i> .
14–16 IX 2005	Conference <i>Studying Radical Social Change with Panel Data</i> , IFiS PAN, Warsaw, Poland). Paper: <i>Household income inequality and mobility in Poland, 1988–2003</i> .

23 XI 2006	1st Interdisciplinary Workshop on Applied Network Analysis, Rotterdam, The Netherlands. Paper (with Rense Corten and Bastian Westbrock): <i>The Dynamics of the Global Network of Inter-Firm Alliances</i> .
1–6 V 2007	Conference <i>Sunbelt XXVII, International Sunbelt Social Network Conference</i> , Corfu, Greece. Paper: <i>Co-evolution of Networks and Behavior under Heterogeneity</i> .
1–6 V 2007	Conference <i>Sunbelt XXVII, International Sunbelt Social Network Conference</i> , Corfu, Greece. Paper (with Rense Corten and Bastian Westbrock): <i>The Dynamics of the Global Network of Inter-Firm Alliances</i> .
21 VI 2007	<i>6th Network Workshop on Networks in Economics and Sociology</i> (Utrecht University, Utrecht, The Netherlands) Paper: <i>Coordination in Dynamic Social Networks under Heterogeneity</i> .
19 VI 2008	<i>7th Network Workshop on Networks in Economics and Sociology</i> (Utrecht University, Utrecht, The Netherlands) Paper (with Rense Corten and Bastian Westbrock): <i>The Dynamics of the Global Network of Inter-Firm Alliances</i> .
VIII 2008	Conference <i>useR! 2008</i> , Dortmund, Germany. Paper: <i>Simulating Games on Networks with R</i> .
9–11 X 2008	1st ICC Conference on Network Modeling and Economic Systems, ISEG, Lisbon, Portugal. Paper (with Vincent Buskens): <i>Coordination in Dynamic Social Networks under Heterogeneity</i> .
3 VII 2010	Conference <i>Sunbelt XXX, International Sunbelt Social Networks Conference</i> , Riva del Garda, Italy. Paper (with Rense Corten): <i>Measuring Segregation in Social Networks</i> .
10 II 2011	Conference <i>Sunbelt XXXI, International Sunbelt Social Networks Conference</i> , St Pete Beach, FL, USA. Paper: <i>Industrial Structure and Inter-firm Collaboration</i> .

Other professional activities

Research visits:

X - XII 2009	Department of Statistics, University of Washington, USA. Hosts: Mark Handcock and Martina Morris
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Membership in associations:

- *International Network for Social Network Analysis* (INSNA)
- *International Sociological Association's Research Comitee on Social Stratification and Mobility* (ISA RC28)
- *The R Foundation for Statistical Computing*

Reviewer for journals:

- *Social Networks*
- *Journal of Information Technology*
- *Journal of Mathematical Sociology*

Computer skills

Statistical computing R SPSS, Stata.
Network analysis Pajek, Siena, Statnet.
Data management basics of SQL (client side), NetCDF.
Programming Basics of Perl, C, and C++.
Web development HTML, CSS.
Office programs L^AT_EX, MS Office.
Other Linux.

Language skills

Polish (native), English (fluent), Dutch (basic), German (basic)

Other interests

Sailing, aviation, snowboard, classical music, jazz