

Christoph Zangger

PhD, 16.08.1986

University of Bern
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Two children: Kaya (11), Juri (5)

Education

- 2018 **Master of Science in Mathematical Statistics (Minor)**,
University of Bern, Bern
GPA: 5 (out of 6)
- 2017 **PhD**, *University of Bern, Bern*,
Committee: Prof. Dr. Rolf Becker & Prof. Dr. Ben Jann
summa cum laude
- 2011–2013 **Master of Arts in Social Sciences**, *University of Zurich, Zurich*,
Major: Sociology, Minor: Political Science
GPA: 5.7 (out of 6)
- 2006–2011 **Bachelor of Arts in Social Sciences**, *University of Zurich, Zurich*,
Major: Sociology, 1st Minor: Political Science, 2nd Minor: Cultural Studies
GPA: 5.5 (out of 6)

Work Experience

- since 02/2022 **SNSF Ambizione Fellow**, *University of Bern, Bern*
- 2021–2022 **PostDoc Sociology**, *LMU Munich, Munich*
- 2017–2022 **PostDoc Sociology**, *University of Zurich, Zurich*
- 2018 **Visiting Researcher**, *University of Michigan, Ann Arbor*
- 2017–2018 **Lecturer Sociology (Substitute)**, *University of Teacher Education, Bern*
- 2013–2017 **Research Assistant**, *University of Bern, Bern*
- 2011–2013 **Student Research Assistant**, *University of Bern, Bern*
- 2008–2012 **Teaching Assistant**, *University of Zurich, Zurich*

Further Education

- 2022 *University of Bern*. Sequence Analysis using R.
- 2021/2022 *University of Zurich*. Teaching Skills.
- 2021 *University of Zurich & ETH*. Designing Peer Assessment Exercises.
- 2021 *University of Zurich & ETH*. Digital Tools for Interactive Teaching.
- 2019 *Stanford University*. Probabilistic Graphical Models.
- 2019 *Columbia University*. Causal Inference II.

- 2018 *University of Zurich*. Project Management for PostDocs.
- 2018 *University of Zurich*. Courses on programming in MATLAB & Python.
- 2015 ICPSR – *University of Michigan*. Applied Bayesian Modeling.
- 2015 ICPSR – *University of Michigan*. Time Series Analysis.
- 2014 Essex Summer School – *University of Essex*. Spatial Econometrics.

Publications

- Preprint Zangger, C. Is Non-response Contagious? the Use of Spatial Information for Predicting and Weighting Survey Nonresponse. *SocArXiv*. osf.io/preprints/socarxiv/kdr7h
- Under review Zangger, C. 2022. Help thy neighbor: Neighborhood relations, subjective well-being, and trust during the COVID-19 pandemic. *Social Science Research*.
- Revise & Resubmit Zangger, C., S. Gilgen & N. Moser 2022. Is it the school of fish or the size of the pond that matters? An experimental examination of reference group effects in secondary school. *Sociology of Education*.
- Revise & Resubmit Roethlisberger, M., B. Juska-Bacher & C. Zangger. 2022. The Role of Vocabulary Components in Second Language Learner's Early Reading Comprehension. *Journal of Research in Reading*.
- 2022 Juska-Bacher, B., C. Zangger & M. Roethlisberger. 2022. Methoden zur differenzierten Auswertung von Wortschatzkompetenzen und ihrer Bedeutung für das frühe Lesen. In Philipp, M. & S. Jambor-Fahlen (Hrsg.). *Lesen: Prozess- und Produktperspektiven von der Wortebene bis zu multiplen Texten*. Beltz Juventa.
- 2021 Zangger, C. 2021. Choosing the right place? An experimental examination of ethnic preferences in housing decisions. *Housing Studies*, Online First.
- 2021 Juska-Bacher, B., M. Röthlisberger, L. Brugger & C. Zangger. 2021. Lesen im 1. Schuljahr: Die Bedeutung von phonologischer Bewusstheit, Benennungsgeschwindigkeit und Wortschatz. In S. Gailberger & C. Sappok (Eds.): *Weiterführende Grundlagenforschung in Lesedidaktik und Leseförderung. Theorie – Empirie – Anwendung*, p. 11–26. Bochum: Universitätsbibliothek der Ruhr Universität Bochum.
- 2021 Juska-Bacher, B., L. Brugger & C. Zangger. 2021. Definitionskompetenzen von Erst- und Zweitklässlern. Mit einem Ausblick auf die weitere Entwicklung. *Muttersprache*, Vol. 131 (2): 117–137.
- 2021 Zangger, C., J. Widmer & S. Gilgen. 2021. Work, childcare, or both? Experimental evidence on the efficacy of childcare subsidies in raising parental labor supply. *Journal of Family and Economic Issues*, Online First.
- 2020 Zangger, C. & J. Widmer. Choosing What is Best for One's Children? Experimental Evidence on People's Responsiveness to Childcare Subsidies and the Choice between Different Childcare Arrangements. *Early Childhood Research Quarterly*, Vol. 51: 110–123.

- 2019 Glauser, D., C. Zangger & R. Becker. 2019. The signal and the noise: The Impact of the Bologna Process on Swiss Graduates' Monetary Returns to Higher Education. *Social Inclusion*, Vol. 7 (3): 154–176.
- 2019 Zangger, C. & R. Becker. 2019. Experiments in Sociology of Education—Causal Inference and estimating causal effects in sociological research on education. In R. Becker (Ed.): *Research Handbook on the Sociology of Education*. Cheltenham: Edward Elgar Publishing.
- 2019 Zangger, C. 2019. Making a place for space. Using spatial econometrics to model social mechanisms in neighborhood effect studies. *Journal of Urban Affairs*, Vol. 41 (8): 1055–1080.
- 2019 Glauser, D., C. Zangger & R. Becker. 2019. Bachelor, Master und Doktorat in der Schweiz: Die Entwicklung von Zugängen, Abschlüssen und Renditen in der Schweizer Hochschullandschaft. In M. Lörz & H. Quast (Eds.): *Determinanten, Herausforderungen und Konsequenzen eines Masterstudiums*. Wiesbaden: Springer VS.
- 2018 Zangger, C. 2018. Bringing Space into the Equation: Modelling Social and Spatial Interdependence in Neighborhood Effect Studies. *Research in Social Stratification and Mobility*, Vol. 55: 63-74.
- 2018 Zangger, C., D. Glauser & R. Becker. 2018. The impact of modernization and labor market conditions on the school-to-work transition in Switzerland: A dynamic analysis of the period from 1946 to 2002. In R. Tillmann, M. Voorpostel & P. Farago (Eds.): *Social Dynamics in Swiss Society*. Volume 9 of Life Course Research and Social Policies.
- 2017 Zangger, C. 2017. *Contexts of Inequality*. Dissertation, University of Bern.
- 2017 Wise, R. & C. Zangger. Marital Sorting and Inter-Couple Income Inequality: Linking Demographic and Socio-Economic Consequences of Educational Expansion in Germany and Switzerland. *Swiss Journal of Sociology*, Vol. 43(3): 587-610.
- 2017 Widmer J. & C. Zangger. 2017. Schlussbericht: Ursachen und Folgen von Segregation [Final Report: Causes and Consequences of Segregation]. *Technical Report, University of Bern*.
- 2016 Zangger, C. & R. Becker. 2016. Die Bildungsexpansion in der Schweiz. Eine Reanalyse unter besonderer Berücksichtigung des Geschlechts [Educational Expansion in Switzerland – A Reanalysis with Special Consideration of Gender]. *Swiss Journal of Sociology*, Vol. 42(3):429-441.
- 2016 Zangger, C. J. Widmer, O. Gebhard Ludwig, S. Gempeler, A. Lázár & F. Uebelhart. 2016. Schlussbericht: Nutzen und Nutzung vorschulischer Betreuungsangebote [Final Report: Use and Benefits of Extrafamilial Childcare]. *Technical Report, University of Bern*.
- 2016 Zangger C. & Widmer J. 2016. Wird familienergänzende Betreuung zu einem sozial selektiven Gut? *Schweizerische Zeitschrift für Heilpädagogik*, Vol. 21(3): 34-40.

- 2016 Zangger, C. & Gilgen S. 2016. Systematisch benachteiligt? Bildungsbeteiligung und -erfolg von Jugendlichen mit Migrationshintergrund. *Schweizerische Zeitschrift für Heilpädagogik*, Vol. 22(1): 13-19.
- 2015 Zangger, C. 2015. The Social Geography of Education: Neighborhood, Class Composition, and the Educational Achievement of Elementary Students in Zurich, Switzerland. *Zeitschrift für Soziologie*, Vol. 44(4): 292-310.
- 2015 Becker, R. & C. Zangger. 2015. Experimentelle Bildungsforschung. Beiträge experimenteller Forschung zur Bildungssoziologie und -ökonomie. In Keuschnigg, M. & T. Wolbring (Eds.): *Experimente in den Sozialwissenschaften. Sonderband 22 der Sozialen Welt*. Baden-Baden: Nomos.
- 2013 Becker, R. & C. Zangger. 2013. Die Bildungsexpansion in der Schweiz und ihre Folgen. *Kölner Zeitschrift für Soziologie*, Vol. 65(3): 423-440.

Grants & Awards

- 2022–2024 **SNSF Flexibility Grant**. CHF 56,666.- (≈ \$60,500)
Supplementary grant for SNSF Ambizione project *The Neighborhood in the Cloud*
- 2022 **SAGW Travel Grant**. CHF 1,000.- (≈ \$1,075)
Grant for a presentation at the 77th Annual Conference of the American Association for Public Opinion Research (AAPOR) in Chicago.
- 2022–2026 **SNSF Ambizione Grant**. CHF 943,385.- (≈ \$1,013,000)
Project: *The Neighborhood in the Cloud: How on- and offline location-based networks shape individual life chances*
- 2020 **Young Researcher Award**. EUR 200.- (≈ \$230)
Best paper award, RN 21 “Quantitative Methods” of the European Sociological Association (Paper: Is Non-response Contagious? the Use of Spatial Information for Predicting and Weighting Survey Nonresponse. osf.io/preprints/socarxiv/kdr7h)
- 2020 **SNSF Agora Grant**. CHF 8,284.- (≈ \$8,900)
Project: *Socio-spatial contexts of individual life chances in Switzerland* (prolongation of project).
- 2019 **Eduard Adolf Stein Preis**. CHF 2,500.- (≈ \$2,685)
Outstanding dissertation award.
- 2019–2020 **SNSF Agora Grant**. CHF 46,485.- (≈ \$50,000)
Project: *Socio-spatial contexts of individual life chances in Switzerland*.
- 2018–2020 **UZH Grants Office**. CHF 65,509.- (≈ \$70,330)
Project: *Socio-spatial contexts of individual life chances in Switzerland*.
- 2018 **GRC Travel Grant**. CHF 2,800.- (≈ \$3,005)
Grant supporting a research visit to the University of Michigan.
- 2018 **SAGW Travel Grant**. CHF 1,000.- (≈ \$1,075)
Grant supporting a research visit to the University of Michigan.
- 2017 **ESRA Early Career Researcher Award** (best paper). EUR 500.- (≈ \$580)
Lisbon, 7th Conference of the European Survey Research Association.

- 2016–2017 **Burgergemeinde Bern.** CHF 3,000.- (≈ \$3,230)
Project: *Causes and Consequences of Segregation* (www.ufos.unibe.ch).
- 2016 **Excellent Teaching Award.**
Faculty of Human Science, University of Bern
- 2015–2016 **Burgergemeinde Bern.** CHF 2,500.- (≈ \$2,685)
Project: *Use and Benefits of Childcare Voucher in the City of Bern* in cooperation with the Youth Welfare Office of the city of Bern.
- 2015–2016 **Youth Welfare Office of the City of Bern.** CHF 2,500.- (≈ \$2,685)
Project: *Use and Benefits of Childcare Voucher in the City of Bern* in cooperation with the Youth Welfare Office of the city of Bern.

Conference Presentations & Invited Talks*

- 05/2022 **Proseminar Bildungssoziologie, Bern.* Experimente & Bildungsevaluation.
- 05/2022 *AAPOR Annual Conference, Chicago.* The Geography of Nonresponse. Can spatial econometric techniques improve survey weights for nonresponse?.
- 05/2022 *Digitalization, Neighborhood Change, and Social Integration, Köln.* Help thy neighbour. Neighbourhood relations, subjective well-being and trust during the COVID-19 pandemic.
- 04/2022 *RC28 Spring Meeting, London.* Disentangling people's fairness of earnings evaluations using distributional survey experiments (with S. Gilgen).
- 04/2022 *BSA Annual Meeting, Online.* Help thy neighbour. Neighbourhood relations, subjective well-being and trust during the COVID-19 pandemic.
- 12/2021 **CAS Strategic Management, Bern.* Nutzung und Nutzen familienergänzender Betreuungsangebote.
- 11/2021 *Analytical Sociology: Theory and Empirical Applications, Venice.* Is it the school of the fish or the size of the pond that matters? An experimental examination of reference group effects in secondary school (with S. Gilgen & N. Moser).
- 07/2021 *ESRA, Online.* Is non-response contagious? The use of spatial information for predicting and weighting survey nonresponse.
- 01/2021 *CitSciHelvetia, Zurich.* The Geography of Opportunity of Contemporary Switzerland.
- 11/2020 *Heterogeneity and Inequality, Bern.* Stepping stones & stumbling blocks. How spatial opportunity structures shape heterogeneous educational aspirations and decisions.
- 10/2020 *RN 21 Midterm Meeting, Lucerne.* Is non-response contagious? The use of spatial information for predicting and weighting survey nonresponse.
- 09/2020 *DGS 2020, Berlin.* Signal und Rauschen: Der Einfluss der Bologna-Reform auf monetäre Erträge von AbsolventInnen universitärer Hochschulen in der Schweiz.
- 06/2020 *Understanding Inequalities, Edinburgh.* Choosing the right place? An experimental examination of ethnic preferences in housing decisions (with D. Glauser & R. Becker).
- 09/2019 **CHESS Workshop, Bern.* The signal and the noise. Returns to Swiss university degrees after Bologna (with D. Glauser & R. Becker).

- 08/2019 *ENHR, Athens*. Choosing the right place. An experimental examination of ethnic preferences in housing decisions.
- 07/2019 *ESRA, Zagreb*. Missing(s) in Space: Monte Carlo Simulations and a Bayesian Approach to Missing Data in Spatial Econometric Models.
- 06/2019 *Immigrants' Integration: Educational Opportunities & Life Chances, Ascona*. Stepping stones and stumbling blocks. Does the regional opportunity structure explain ethnic penalties in education?
- 05/2019 *Int. DZHW User Conference, Hannover*. Should I stay or should I go? Income disparities by university degree in Switzerland (with D. Glauser & R. Becker).
- 04/2019 *UAA Annual Meeting, Los Angeles*. Choosing the right place. An experimental examination of ethnic preferences in housing decisions.
- 03/2019 *RC28 Spring Meeting, Frankfurt*. Is it the School of Fish or the Size of the Pond? An Experimental Examination of Reference Group Effects in Secondary Schools (with S. Gilgen & N. Moser).
- 09/2018 *1st Forum Higher Education and the Labour Market, Nuremberg*. Who studies for a Master's degree and is it worthwhile? Student success and returns to higher education in Switzerland (with D. Glauser & R. Becker).
- 09/2018 **Wissenschaftscafé Thun*. 4-jährig – jetzt geht es los!
- 08/2018 *Annual Meeting of the American Sociological Association, Philadelphia*. Is it the School of Fish or the Size of the Pond? An Experimental Examination of Reference Group Effects in Secondary Schools (with S. Gilgen).
- 07/2018 *ISA World Congress of Sociology, Toronto*. Missing(s) in Space: Monte Carlo Simulations and a Bayesian Approach to Missing Data in Spatial Econometric Models.
- 06/2018 *ESA RN13 Interim Meeting, Kuopio*. Childcare Subsidies and Labor Supply Decisions: Evidence from Experimental Data (with J. Widmer & S. Gilgen).
- 05/2018 **Wissenschaftscafé Bern*. 4-jährig – jetzt geht es los!
- 04/2018 *Akademie für Soziologie, München*. Is it the School of Fish or the Size of the Pond? An Experimental Examination of Reference Group Effects in Secondary Schools (with S. Gilgen).
- 09/2017 *ABC 2017, Bamberg*. Missing(s) in Space: Monte Carlo Simulations and a Bayesian Approach to Missing Data in Spatial Econometric Models.
- 09/2017 *ABC 2017, Bamberg*. Childcare Subsidies and Labor Supply Decisions: Evidence from Experimental Data (with S. Gilgen & J. Widmer).
- 09/2017 *Pathways 2017, Hannover*. Who studies for a Master's degree and is it worthwhile? A short history of student success and returns to higher education in Switzerland (with D. Glauser & R. Becker).
- 07/2017 *ESRA 2017, Lisbon*. Bringing Space into the Equation: Modeling social and spatial interdependence in neighborhood effect studies.
- 06/2017 *INAS 2017, Oslo*. Bringing Space into the Equation: Modeling social and spatial interdependence in neighborhood effect studies.

- 06/2017 *9th Conference of Panel Data Users, Lausanne*. The impact of modernization and labor market conditions on the school-to-work transition in Switzerland.
- 03/2017 *DIW, Berlin*. Choosing what is right for one's children? Childcare subsidies and the choice between different childcare arrangements in Switzerland: Evidence from experimental data (with J. Widmer).
- 10/2016 *DGS 2016, Bamberg*. Bringing Space into the Equation. Modeling Spatial and Social Interdependence in Neighborhood Effect Studies.
- 09/2016 *RC33 2016 – 9th International Conference on Social Science Methodology, Leicester*. Bringing Space into the Equation. Using Spatial Econometrics to Untangle Neighborhood Effects on Educational Outcomes.
- 07/2016 *ISA 2016, Vienna*. Spatializing Educational Inequalities: Spatial Econometric Models of Neighborhood Effects on Elementary Students' Educational Achievement.
- 06/2016 *ENHR 2016, Belfast*. Bringing Space into the Equation. Modeling Spatial and Social Interdependence in Neighborhood Effect Studies.
- 11/2015 **City of Bern*. Nutzen und Nutzung familienergänzender Betreuungsangebote.
- 09/2015 *ECER 2015, Budapest*. The Spatial Structure of Educational Achievement. Using Spatial Econometrics to Untangle the Social Mechanisms Behind Neighborhood Effects.
- 08/2015 *ESA 2015, Prague*. The Social Geography of Educational Achievement. Untangling the Spatial Structure of Inequality Using Spatial Econometrics.
- 08/2015 *Monte Verita 2015, Ascona*. With a Little Help of my Classmates' Parents? Social Capital and Secondary Effects at the First Transition.
- 06/2015 *8th Conference of Panel Data Users 2015, Lausanne*. Contextualizing Participation: The Political Significance of Neighbors – Using Spatial Econometrics to Untangle th Spatial Structure of Participation.
- 03/2014 **City of Baden*. Der öffentliche Raum und seine gesellschaftliche Bedeutung. Ein Versuch der Integration von Makro- und Mikroperspektive.
- 11/2013 *NEPS, Bamberg*. Das Quartier als konstitutive Größe des Bildungserfolgs. Eine kontrafaktische Analyse am Beispiel der Stadt Zürich.

Media appearances

- 10/2020 *Engadinerpost*. «Ich nehme die Jugend als kritisch und engagiert wahr».
- 06/2020 *Deutschlandfunk Nova*. Jugend in der Schweiz.
- 03/2020 *Tsüri Fokus: Bildung*. Bildungssoziologe Christoph Zangger: «Die Schweiz selektioniert früh».
- 02/2020 *Tsüri.ch*. Bildungssoziologe Christoph Zangger: «Die Schweiz selektioniert früh».

Teaching

- Winter 21/22 Seminar: *An introduction to simulation studies for social scientists* [Bachelor; LMU Munich]

- Spring 21 Seminar: *Theory and analysis of intergenerational social mobility* [Bachelor & Master]
- Spring 20 Research seminar: *Design and analysis of factorial surveys and choice experiments* [Bachelor & Master]
- Spring 19 Exercise group: *An introduction to simulation studies for social scientists* [Bachelor & Master]
- Spring 19 Research seminar (with K. Preisner): *Applied social research II* [Bachelor]
- Fall 18 Exercise group: *Social class, mobility, and social conflicts* [Bachelor & Master]
- Fall 17 Lecture & Seminar: *Youth and society* [Bachelor]
- Spring 17 Seminar (with R. Becker): *Introduction to survival and event history analysis* [Master]
- Spring 17 Research Seminar: *Causes and consequences of segregation II* [Master]
- Fall 16 Research Seminar: *Causes and consequences of segregation I* [Master]
- Spring 16 Workshop: *Introduction to spatial econometrics* [Master & PhD]
- Spring 16 Seminar (with R. Becker): *From the hills of happiness to the valleys of sadness. Cumulative risks and opportunities in the life course* [Master]
- Spring 16 Research Seminar: *Use and benefits of child care vouchers II* [Master]
- Fall 15 Research Seminar: *Use and benefits of child care vouchers I* [Master]
- Fall 15 Seminar (with D. Griga): *Social status* [Master]
- Spring 15 Seminar (with R. Becker): *Beyond PISA – Education policies and their analysis* [Master]
- Fall 14 Seminar (with R. Becker): *Current research in Sociology of Education* [Master]
- Fall 14 Lecture: *Statistics I* [Bachelor]
- Fall 14 Lecture (with A. Hollenstein): *Statistics III* [Bachelor]
- Spring 14 Lecture (with A. Hollenstein): *Statistics II* [Bachelor]
- Spring 14 Research Seminar (with R. Becker): *Contexts of education – Classroom, school, neighbourhood II* [Master]
- Fall 13 Research Seminar (with R. Becker): *Contexts of education – Classroom, school, neighbourhood I* [Master]
- Fall 13 Lecture (with A. Hollenstein): *Statistics I* [Bachelor]
- 2008–2012 Different supplementary courses for BA students in Sociology at the University of Zurich (mainly in statistics & sociological theory)

Supervision of Dissertations

- 2020 Robin Benz [Master]
- 2019 Vera Hofer [Master], Antonia Velicu [Master], Johanna Nöbauer [Master]
- 2018 Roger Muntwyler [Master], Tom Philipps [Master]
- 2016 Oriana Gebhard [Master], Sabrina Gempeler [Master], Anna Gruber [Bachelor], Elena Klahre [Bachelor], Lisa Waldmeier [Bachelor]

2015 Ramona Ensmenger [Bachelor], Adrienn Làzàr [Bachelor]

Professional Services

Mandates Steering committee “Progressive Provinz Zurzibiet: Digitalisierung als neue Lagequalität nutzen”, 2020–2023.

Statistical consultant, University of Teacher Education Bern, 2018–2021, Project: EnWoLe (funded by the Swiss National Science Foundation).

Statistical consultant, Historic Museum Thurgau, 2019, Project: Wie tickt der Thurgau?

Statistical consultant, University of Zurich, 2017, Evaluation of the PhD Program ‘Biomedical Ethics and Law’.

Statistical consultant, University of Teacher Education Bern, 2015–2016, Project: Die parallele Verwendung von Lehrmitteln in verschiedenen Fachbereichen in der Primarstufe.

Conference organization ESRA 2021. Session on Survey Design and Nonresponse.

Reviewer for Swiss National Science Foundation (SNSF), PlosOne, European Sociological Review, Social Science Research, Gender & Society, Social Problems, Housing Studies, Research in Social Stratification & Mobility, European Societies, Heliyon, Journal of Family and Economic Issues, Swiss Journal of Sociology, Education Sciences, Swiss Journal of Educational Research, International Journal of Early Years Education, Soziale Welt, Zeitschrift für Grundschulforschung, Research Handbook on the Sociology of Education

Computation

Programming Stata (strong), R (strong), WinBUGS & OpenBUGS (strong), JAGS (strong), STAN(intermediate), SPSS (intermediate), SAS (basics – mainly for choice & survey experiments), ArcGIS/QGIS/GeoDa (intermediate), MATLAB (intermediate), Python (mostly for Data Science), L^AT_EX(strong)

Membership in Scientific Societies

Since 2022 American Association for Public Opinion Research

Since 2019 European Survey Research Association

Since 2018 International Sociological Association (RC28: Social Stratification, RC21: Urban & Regional Development)

Since 2015 American Sociological Association (Rationality & Society; Methodology)