

DR. DANIELA ROHRBACH-SCHMIDT

Federal Institute for Vocational Education and Training
(BIBB)

Research Data Centre
Robert-Schuman-Platz 3

D - 53175 Bonn

Voice: +49 228 107 2032
Fax: +49 228 107 2020
E-mail: rohrbach@bibb.de
<http://www.bibb-fdz.de/>

EDUCATION

02/2008 Ph.D. (Dr. rer. pol.) in Sociology, Faculty of Management, Economics and Social Sciences, the University of Cologne, Germany (summa cum laude)
Thesis title: Wissensgesellschaft und soziale Ungleichheit im Zeit- und Ländervergleich (Knowledge society and inequality in longitudinal and cross-national perspective).
Supervisors: Prof. Dr. H. Meulemann, Prof. Dr. H.-J. Andress.

03/2004 M.A. in Sociology, Information Science, Media Science, Heinrich-Heine-Universität Düsseldorf.

06/1998 Abitur, Gymnasium August - Dicke - Schule, Solingen, Germany.

CURRENT PROJECTS

- Die Entwicklung qualifikatorischer Bildungsrenditen im Spiegel von Berufen, Tätigkeitsgebieten und Betrieben / Changes in the returns to vocational and higher general education in the contexts of occupations, job tasks and firms (together with Holger Alda and Anett Friedrich)
 - BIBB Supplemental Task Survey to the BIBB/BAuA Employment Survey 2012 (together with Holger Alda and Michael Tiemann)
 - Measuring between- and within occupational change in job tasks (together with Michael Tiemann)
 - Job tasks and mismatching in Germany (together with Michael Tiemann)
 - Determinanten vorzeitiger Auflösung von Ausbildungsverträgen (together with Alexandra Uhly)
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WORK EXPERIENCE

Since 4/2008 Research fellow at the Research Data Centre of the Federal Institute for Vocational Education and Training (BIBB), Bonn, Germany

04/2004 – 03/2008 Research fellow at the Research Institute for Sociology (FIS) (former Institute for Applied Social Research), Seminar for Sociology, University of Cologne, Germany

10/2002–03/2004 Research assistance for Prof. Heiner Meulemann. Literature searches, statistical analyses, preparation of lecture slides, University of Cologne, Germany

09/1999–03/2002 Research assistance at the Media Research Department, Deutschen Welle, Cologne, Germany

TEACHING EXPERIENCE

- Spring 2015* BA-Seminar (with Anett Friedrich): Occupation, Firm, and the Labour Market, University of Cologne
- Fall 2013/2014* BA-Seminar (with Anett Friedrich): Occupation, Firm, and the Labour Market, University of Cologne
- Spring 2013* BA-Seminar (with Anett Friedrich): Occupation, Firm, and the Labour Market, University of Cologne
- Fall 2012/2013* BA-Seminar (with Anett Friedrich): Occupation, Firm, and the Labour Market, University of Cologne
- Spring 2012* BA-Seminar (with Anett Friedrich): Occupation, Firm, and the Labour Market, University of Cologne
- Fall 2011/2012* BA-Seminar (with Anett Friedrich): Change in Vocational Education and Training, University of Cologne
- Spring 2011* BA-Seminar: Education and Occupation, University of Cologne
- Spring 2010* BA-Seminar: Education and Occupation, University of Cologne
- Fall 2009/2010* BA-Seminar: Education and Occupation, University of Cologne
- January 2009* Multilevel Analysis, one-day course at BIBB
- Fall 2007/2008* Seminar Knowledge Society, University of Cologne
- Spring 2007* Research Methodology (ebd.)
- Fall 2006/07* Course in Statistical Data Analysis on International Comparative Survey Analysis Using the International Social Survey Programme (ebd.)
- Spring 2006* Proseminar Knowledge Society (Reading course) (ebd.)
- Fall 2005/06* Course in Statistical Data Analysis 'Age of Professions?' Application-oriented analyses of knowledge societies (using SPSS and data from ISSP 1999) (ebd.)
- Spring 2005* Hauptseminar (with Prof. Dr. Heiner Meulemann) Education (ebd.)
- Fall 2004/05* Course in Statistical Data Analysis (with Tilo Beckers) International Comparative Survey Research (using SPSS and data from ISSP 1992 & 1994) (ebd.)
- Spring 2004* Proseminar Inequality in the Knowledge Society (ebd.)

PUBLICATIONS

Refereed articles (*SSCI)

ROHRBACH-SCHMIDT, Daniela (together with Michael TIEMANN), 2016: Educational (mis)match and skill utilization in Germany. *Journal for Labour Market Research* (Forthcoming).

*ROHRBACH-SCHMIDT, Daniela (together with Alexandra UHLY), 2015: Determinanten vorzeitiger Lösung von Ausbildungsverträgen und berufliche Segmentierung im dualen System. Eine Mehrebenenanalyse auf Basis der Berufsbildungsstatistik. *Kölner*

Zeitschrift für Soziologie und Sozialpsychologie 67(1), 105-134.

ROHRBACH-SCHMIDT, Daniela (together with Nicole TIEBEN), 2014: Die berufliche Höherqualifizierung in den Abschlussjahrgängen 1960-1999: Effekte der sozialen Herkunft und Folgen der Bildungsexpansion. *Sozialer Fortschritt* 63(4-5), April/Mai, 117-123.

ROHRBACH-SCHMIDT, Daniela (together with Michael TIEMANN), 2013: Changes in workplace tasks in Germany - evaluating skill and task measures. *Journal for Labour Market Research* 46 (3), 215-237.

ROHRBACH-SCHMIDT, Daniela, 2011: Guest editorial note. Introduction to the contributions of the thematic issue. *Empirical Research in Vocational Education and Training*, Vol. 1(3), 2011, 1-3.

ROHRBACH-SCHMIDT, Daniela (together with Michael TIEMANN), 2011: Mismatching and job tasks in Germany - rising over-qualification through polarization? . *Empirical Research in Vocational Education and Training*, Vol. 1(3), 2011, 39-53.

ROHRBACH-SCHMIDT, Daniela (together with Holger ALDA), 2010: New Data and Services for Vocational Education and Training Research - Research Data Centre of the Federal Institute of Vocational Education and Training (BIBB-FDZ). *Schmollers Jahrbuch* 130(2), 253-267.

ROHRBACH-SCHMIDT, Daniela (together with Michael TIEMANN), 2010: (Mis-)Matching in Deutschland Eine Analyse auf der Basis formaler Qualifikationen und Fähigkeiten von Erwerbstätigen. *Berufsbildung in Wissenschaft und Praxis*, 1, 2010, S. 34-38.

*ROHRBACH, Daniela, 2009: Sector Bias and Sector Dualism: The Knowledge Society and Inequality. *International Journal of Comparative Sociology* Vol 50, Nr. 5-6, Oktober - Dezember, S. 510-536.

ROHRBACH, Daniela, 2007: The development of knowledge societies in 19 OECD countries between 1970 and 2002. *Social Science Information* Vol. 46, No 4, December 2007, S. 655-689.

Monographs

ROHRBACH, Daniela, 2008: Wissensgesellschaft und soziale Ungleichheit. Ein Zeit- und Ländervergleich. Wiesbaden: VS Verlag für Sozialwissenschaften.

Articles in books

ROHRBACH-SCHMIDT, Daniela, 2010: The Knowledge Sector and Income Inequality. P. 93-122 in: Suter, Christian (Hrsg.): *Inequality beyond Globalization. Economic Changes, Social Transformations, and the Dynamics of Inequality*. Wien u.a. LIT Verlag.

ROHRBACH-SCHMIDT, Daniela, 2010: Leistung und Zuschreibung in der Wissensgesellschaft. P. 285-307 in: Beckers, T., Birkelbach, K. W., Hagenah, J., Rosar, U. (Hrsg.): *Komparative empirische Sozialforschung. Anwendungsfelder und aktuelle Methoden in Best Practice-Studien*. Wiesbaden: VS Verlag für Sozialwissenschaften.

ROHRBACH, Daniela, 2008: Die Entwicklung der Wissensgesellschaft im Zeit- und Ländervergleich. P. 87-101 in: Raabe, Johannes, Rudolf Stöber, Anna M. Theis-Berglmair,

und Kristina Wied (Hg.): Medien und Kommunikation in der Wissensgesellschaft. Konstanz: UVK (2008).

Current Conference Papers and Papers under Review

ROHRBACH-SCHMIDT, Daniela, UHLY, Alexandra, 2015: Betriebliches Vertragslösungs-geschehen in der dualen Berufsausbildung. Eine Analyse des BIBB-Betriebspanels zu Qualifizierung und Kompetenzentwicklung. Under review.

Rohrbach-Schmidt, Daniela, TIEMANN, Michael, 2015: Tasks, job change, and wages of German workers. Papier präsentiert auf der RC28 Frühjahrstagung, Tilburg University, 2015.

Rohrbach-Schmidt, Daniela, TIEMANN, Michael, 2015: Limited transferability of human capital across countries - the case of Germany. Papier präsentiert auf dem Swiss Forum for Migration and Population Studies (SFM), Workshop on Highly skilled migration in the European labour market: Brain waste or brain gain?, Neuchatel, 2015.

OTHER PUBLICATIONS

ROHRBACH-SCHMIDT, Daniela, 2015: Imputation of missing signs for changes in real working hours in the BIBB Supplementary Task Survey to the BIBB/BAuA Employment Survey 2012. BIBB-FDZ Daten- und Methodenbericht 1/2013. Bonn: BIBB-FDZ.

FRIEDRICH, Anett, ROHRBACH-SCHMIDT, Daniela, 2014: BIBB-Übergangsstudie 2011, BIBB-FDZ Daten- und Methodenberichte Nr. 3/2014. Bonn: BIBB.

ALDA, Holger, ROHRBACH-SCHMIDT, Daniela, TIEMANN, Michael, 2013: BIBB Task-Zusatzbefragung 2012 zur Haupterhebung der BIBB/BAuA-Erwerbstätigenbefragung 2012, BIBB-FDZ Daten- und Methodenberichte Nr. 4/2013. Bonn: BIBB.

ROHRBACH-SCHMIDT, Daniela, HALL, Anja, 2013: BIBB/BAuA-Erwerbstätigenbefragung 2012. BIBB-FDZ Daten- und Methodenbericht 1/2013. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>

ROHRBACH-SCHMIDT, Daniela, 2011: BIBB-Schulabgängerbefragungen 2008. BIBB-FDZ Daten- und Methodenbericht 5/2011. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>

ALDA, Holger, ROHRBACH-SCHMIDT, Daniela, 2011: Imputation fehlender Werte für die Einkommensvariable in der BIBB/BAuA-Erwerbstätigenbefragung 2006. BIBB-FDZ Daten- und Methodenbericht 2/2011. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>

FRIEDRICH, Anett, HOHN, Christine, ROHRBACH-SCHMIDT, Daniela, 2011: Ergebnisse der BIBB-FDZ-Onlineumfrage. BIBB-FDZ Daten- und Methodenbericht 1/2011. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>

ROHRBACH-SCHMIDT, Daniela, 2010: BIBB-Schulabgängerbefragungen 2004-2006. BIBB-FDZ Daten- und Methodenbericht 2/2010. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>.

ROHRBACH-SCHMIDT, Daniela, 2010: BIBB-Übergangsstudie 2006. BIBB-FDZ Daten- und Methodenbericht 1/2010. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>.

ROHRBACH, Daniela, 2009: The BIBB/IAB- and BIBB/BAuA Surveys of the Working Population on Qualification and Working Conditions in Germany. Data and methods manual. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>.

ROHRBACH, Daniela, 2009: BIBB-Schulabgängerbefragung 2006 Datenhandbuch. Bonn: BIBB-FDZ. URL: <http://www.bibb-fdz.de>.

AWARDS AND FELLOWSHIPS

06/2008 World Society Foundation (WSF) Award of Excellence Program for Research Papers on World Society 2008 at the Conference of the Research Committee on Economy and Society (RC02) of the International Sociological Association (ISA) in Neuchâtel, Switzerland (26.- 28.06.2008) on *Inequality Beyond Globalization: Economic Changes and the Dynamics of Inequality* for the paper *SSector Bias and Sector Dualism: The Knowledge Society and Inequality*".

06/2007 Funding of the European Science Foundation (ESF) for participating in the ESF-Programme "Quantitative Methods in the Social Sciences" QMSS-Conference 2007, Prague, Czech Republic

09/2006 Funding of the European Science Foundation (ESF) for participating in the the course on *Models for Longitudinal and Incomplete Data* (held by G. Molenberghs, G. Verbeke) of the ESF-Programme "Quantitative Methods in the Social Sciences" (QMSS), Hasselt, Belgium

10/2005–09/2007 Doctoral Fellowship, University of Cologne

CONFERENCE PRESENTATIONS (SELECTION)

7/2015 „Tasks, job change and wages of German workers“, *6th Conference of the European Survey Research Association (ESRA)*, University of Reykjavik, Island (together with Michael Tiemann)

5/2015 „Tasks, job change and wages of German workers“, International Sociological Association (ISA) Research Committee on Social Stratification and Mobility (RC28) conference on *Social Inequality, Cohesion and Solidarity*.

3/2015 „The Limited Transferability of Human Capital Across Countries. The Case of Germany“, *International Workshop: Highly-Skilled Migrants in the European Labour Market: Brain Waste or Brain Gain?*, University of Neuchâtel, Switzerland.

10/2014 „Tätigkeitsspezifisches Humankapital, Jobwechsel und Löhne“, *36. Kongress der Deutschen Gesellschaft für Soziologie*, 6.-10. Oktober 2014, Universität Trier, Germany.

04/2014 „Qualification and skill-based mismatching in Germany“, *ZEW Workshop on Skill mismatch: Microeconomic Evidence and Macroeconomic Relevance*, 11. April 2014, ZEW, Mannheim, Germany (together with Michael Tiemann)

10/2013 „Determinanten vorzeitiger Vertragslösungen in der dualen Berufsausbildung Ergebnisse einer logistischen Mehrebenenanalyse zur Vertragslösungswahrscheinlichkeit auf Basis der Berufsbildungsstatistik“, *Fachkonferenz Beratung als innovative Prävention von Ausbildungsabbrüchen*, 30 October 2013, Hochschule der Bundesagentur für Arbeit (HdBA), Mannheim, Deutschland (together with Alexandra Uhly).

- 10/2012 „Komplementaritäten von menschlicher Arbeitskraft und Computern, Beschäftigungspolarisierung und individuelle Arbeitsbelastungen“, *36. Kongresses der Deutschen Gesellschaft für Soziologie*, 1.-5. Oktober 2012, Ruhruniversität Bochum, TU Dortmund, Germany.
- 01/2012 „Measuring tasks at the firm-level - Results from an employer survey“, *Second international BIBB/IAB Workshop on T.A.S.K.S.*, 17-18 January 2012, BIBB, Bonn, Germany.
- 02/2012 „Changes in workplace tasks in Germany - evaluating skill and task measures“, *Second international BIBB/IAB Workshop on T.A.S.K.S.*, 17-18 January 2012, BIBB, Bonn, Germany.
- 07/2011 „German BIBB-Research Data Centre (BIBB-FDZ) and User Needs“, *4th Conference of the European Survey Research Association (ESRA)*, Lausanne, Schweiz, 18.-22. Juli 2011.
- 07/2011 „Changes in workplace tasks in Germany - evaluating skill and task measures“, *International Working Party on Labour Market Segmentation 32nd Annual Conference*, 11 - 13 Juli 2011, Bamberg, Germany.
- 03/2011 „Übergang von allgemeinbildenden Schulen in die Berufsausbildung - welche Daten stehen zur Verfügung und welches Potential haben sie?“, *Hochschultage Berufliche Bildung*, 23.03.-25.05.2011, University of Osnabrück, Germany.
- 05/2010 „Mismatching and job tasks in Germany - rising overqualification through polarization?“, *BIBB/IAB-Workshop T.A.K.S.K.S.*, 17.05.-18.05.2010, IAB Nuremberg, Germany.
- 10/2009 „Leistung und Zuschreibung in der Wissensgesellschaft“, *Symposium „Komparative empirische Sozialforschung“ aus Anlass des 65. Geburtstages von Univ.-Prof. Dr. Heiner Meulemann*, 29.10.-31.10.2009, University of Cologne, Germany.
- 07/2009 Marginal employment: Linking individuals with industries by firms, *European Survey Research Association (ESRA) Conference 2009*, 29. June -03. July 2009, Warsaw, Poland (with Holger Alda).
- 06/2009 Marginal employment: Skill requirements and competitive conditions in industries, *The Low Pay, Low Skill, and Low Income (LOPSI) Cross-cutting Workshop* organised by EQUALSOC Network of Excellence and LoWER Network, 26.-27. June 2009, Milan, Italy. (Together with Holger Alda).
- 03/2009 Knowledge Society and the returns to VET for individuals. A multilevel analysis of the German labor force, *Effectiveness of Learning and Efficiency in VET Systems. Interdisciplinary Congress on Research in Vocational Education and Training*, 25.-27. March 2009, Zollikofen, Switzerland
- 02/2009 German BIBB-IAB- and BIBB-BAuA Surveys on Qualifications and Working Conditions and FreQueNz, Invitation by Cedefop and OECD, International Seminar on Measuring Generic Work Skills Using the Job Requirements Approach (JRA), 12.-13. February 2009, Thessaloniki, Greece
- 11/2008 Der Aufbau eines BIBB-FDZ: Zugangswege, Dokumentationen und Arbeitshilfen (together with Holger Alda), Expert meeting at the Federal Institute for Vocational Education and Training, Research Data Centre (BIBB-FDZ), 25. November 2008, Bonn, Germany

- 08/2008 Knowledge Societies and Stratification: Education and Income in the Transition Process, International Sociological Association (ISA) Forum of Sociology *Sociological Research and Public Debate*, 05.-08. September 2008, Barcelona, Spain
- 06/2008 Sector Bias and Sector Dualism: The Knowledge Society and Inequality, International Sociological Association (ISA) Research Committee on Economy and Society (RC02) Conference on *Inequality beyond Globalization. Economic Changes and the Dynamics of Inequality*, 26.-28. June 2008, Neuchâtel, Switzerland
- 05/2008 Meritocratic Knowledge Societies? Returns to Education in Comparative Perspective, International Sociological Association (ISA) Research Committee on Social Stratification and Mobility (RC28) Conference on *Social Stratification and Insiders / Outsiders: Cross-national Comparisons within and between Countries*, 15.-16. May 2008, Florence, Italy
- 06/2007 Income Inequality Trends of Knowledge Societies: Evidence from 19 OECD Countries between 1970 and 2002, European Science Foundation (ESF) *Quantitative Methods in the Social Sciences (QMSS) Conference*, 20.-23. June 2007, Prague, Czech Republic
- 05/2007 Inequality Trends of Knowledge Societies. International Sociological Association (ISA) Research Committee on Social Stratification and Mobility (RC28) conference on *Social Inequality and Mobility in the Process of Social Transformation*, 24.-27. May 2007, Masaryk Universität, Brno, Czech Republic
- 05/2007 Die Entwicklung der Wissensgesellschaft in länder- und zeitvergleichender Perspektive, Jahrestagung der Deutschen Gesellschaft für Publizistik und Kommunikationswissenschaft (DGPK) *Medien und Kommunikation in der Wissensgesellschaft*, 17.05, May 2007, Universität Bamberg, Deutschland
- 08/2006 The development towards the knowledge society and its consequences for stratification, European Consortium for Sociological Research (ECSR) Summer School Integrating Sociological Theory and Research in Europe (ISTAIRE) on *Quality and Inequality in Education: Theory, Research, and Policy*, 25.-30. August 2006, Prague, Czech Republic
- 09/2005 Knowledge society and inequality in cross-national and longitudinal perspective, European Sociological Association (ESA) Ph.D. Workshop *Rethinking Inequalities* during the 7th ESA conference, 7.-8. September 2005, Torun, Poland
- 01/2005 Multinomiales Logit-Modell, consortium of *Statistical Methods in the Social Sciences*, 24. January 2005 Seminar of Sociology, Cologne, Germany

CONFERENCE
ORGANISATION

- „Bildung und Beruf“ - Gemeinsame Nutzertagung der Forschungsdatenzentren der Statistischen Ämter des Bundes und der Länder sowie des Forschungsdatenzentrums im Bundesinstitut für Berufsbildung, 3-4 November 2015, Bonn, Germany.
- Second international BIBB/IAB-Workshop „T.A.K.S.K.S.“, 17-18 January 2012, BIBB, Bonn, Germany.
First international BIBB/IAB-Workshop „T.A.K.S.K.S.“, 17-18 May 2010, IAB Nuremberg, Germany.

– Expertentagung im Bundesinstitut für Berufsbildung, Forschungsdatenzentrum (BIBB-FDZ), 25. November 2008, Bonn, Germany.

FURTHER
TRAINING IN
SOCIAL
RESEARCH
METHODS

- 12/2014 BIBB: Mehrebenenansätze für Strukturgleichungsmodelle (SEM) mit Mplus, Prof. Dr. Elmar Schlüter, Justus-Liebig-Universität Giessen
- 03/2012 BIBB: Maximum-Likelihood-Regressionen, Prof. Dr. Josef Brüderl, LMU München
- 11/2011 BIBB: Ereignisdatenanalyse (Event History Analysis), Prof. Dr. Johannes Kopp, TU Chemnitz
- 11/2011 BIBB: Academic Writing: Natalie Reid (Albuquerque, USA)
- 09/2011 BIBB: Auswahl und Gewichtung - Möglichkeiten und Herausforderungen (Sampling and Weighting), Dr. Matthias Ganninger, GESIS
- 06/2011 BIBB: Berufsbildungstatistik der statistischen Ämter des Bundes und der Länder: die Auszubildenden Daten im BIBB (Census on complete initial and continuing VET contracts and exams); Dr. Alexandra Uhly, Naomi Gericke, Lydia Lohmueller (BIBB)
- 09/2006 Cologne Short Program of Applied Economic and Social Research workshop: Multilevel Analysis, Prof. J. J. Hox
- 09/2006 ESA-QMSS Workshop: Theory and Practice in the Analysis of Longitudinal Data, Prof. Dr. G. Molenberghs, Prof. Dr. G. Verbeke
- 11/2004 ZUMA Workshop: Demographic Standards: Empirical grounds of social structure analysis, PD Dr. J. H.P. Hoffmeyer-Zlotnik, Mannheim, Germany
- 08-09./2004 ZHSF Seminar: Advanced training module: Multivariate regression models, Dipl.-Soz. Jürgen Sensch (ZA/ZHSF), Cologne, Germany
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REVIEWING

Kölner Zeitschrift für Soziologie und Sozialpsychologie (KZfSS)
Research in Social Stratification and Mobility (RSSM)
Economic Analysis and Policy (EAP),

MEMBERSHIPS

International Sociological Association (ISA) Research Committee on Social Stratification and Mobility (RC28) European Survey Research Association (ESRA)

January 2016