

## **Curriculum Vitae – Rasmus Hoffmann**

Titel/Name: Dr. rer. pol. Rasmus Hoffmann

Date and place of birth: 27.8.1971, Kiel, Germany

Nationality: German

Affiliation: Department of Public Health, Erasmus Medical Center Rotterdam, The Netherlands

### **EDUCATION**

5/2002 – 7/2006: University of Rostock, Ph.D. in Sociology. Doctoral thesis “Socioeconomic Differences in Old Age Mortality in Denmark and the USA - with Special Emphasis on the Impact of Unobserved Heterogeneity on the Change of Mortality Differences over Age”, awarded 12 July 2006, Graded magna cum laude, 0.7 on a scale from 0 (best) to 5 (worst).

2002 – 2004 International Max Planck Research School for Demography (IMPRSD), Rostock: 8 seminars on demography and advanced quantitative methods (event history analysis)

6/2002 – 7/2002: Summer School Program in quantitative methods in social sciences, Inter-University Consortium for Political and Social Research (ICPSR), Michigan, USA

6/1998 – 9/1999: University René Descartes, Sorbonne-Paris V, Bachelor in Sociology (granted after an Erasmus exchange programme)

10/1993 – 12/2000: University of Freiburg, Germany, Magister (Master) in Sociology (main subject), Biology and French, graded 1.1, on a scale from 1 (best) to 5 (worst)

### **PROFESSIONAL EXPERIENCE**

4/2009 - present: Senior researcher at the Department of Public Health, Erasmus Medical Center, Rotterdam

with a leading position in the following EU-projects:

1. The potential for reduction of health inequalities in Europe (EURO-GBD-SE)([www.euro-gbd-se.eu](http://www.euro-gbd-se.eu)), in cooperation with the Global Burden of Disease Study (GBD). I lead work package 4 that has recently developed a new methodology and a calculation tool to quantify the impact of risk factors to social inequality in health.
2. Avoidable mortality in the European Union: Towards better indicators for the effectiveness of health systems (AMIEHS)(<http://amiehs.lshtm.ac.uk>). I lead work package 5 that uses trend analysis with spline regressions to determine whether the introduction of innovations in health care coincided with declines in mortality from selected amenable causes.
3. Socioeconomic inequalities in mortality: evidence and policies in cities of Europe (INEQcities) ([www.ucl.ac.uk/ineqcities](http://www.ucl.ac.uk/ineqcities)). I am the principal investigator at Erasmus MC, leading work package 6 that estimates social differences in amenable causes of death on the

neighbourhood level in 15 European cities using Bayesian statistics, and relates this to the provision of health services.

9/2008 - 8/2009: Fellow, Max Weber Programme, European University Institute, Florence, Italy

5/2008 – 8/2008: Visiting Scientist, Rostock Center for the Study of Demographic Change, Rostock, Germany

12/2004 – 4/2008: University of Rostock, Germany, Researcher, lecturer for the chair of Empirical Social Research and Demography (Prof. Doblhammer) at the Institute of Sociology and Demography. Amongst others, working in the EU-Research project “Bridging the micro-macro gap in population forecasting” (MicMac).

9/2001 – 11/2004: Ph.D. fellow, Max Planck Institute for Demographic Research. First, working on the adult male mortality crisis in Eastern Europe; then, on my dissertation project on the socioeconomic determinants of old-age mortality in Denmark and the USA.

1/2001 – 8/2001: Scientist in the EU-Research project “Patientennavigation”, Medizinischer Dienst der Krankenversicherung (MDK, Medical Health Insurance Service)

## **TEACHING**

June 2011            The calculation tool from work package IV of the EURO-GBD-SE project. Invited seminar at the Scuola di Sanità Pubblica, Turin.

Dec 2010            Seminar on health impact assessment with the Population Attributable Fraction in Excel. Department for Public Health, Erasmus Medical Center, Rotterdam.

### **University of Rostock, Institute of Sociology and Demography**

2006 – 2008: 8 seminars and lectures on methods for empirical social research, social differences in health, survival analysis, aging research, methods of multivariate analysis, demography for medical students

2004 – 2005: 7 seminars on social structural analysis and methods in empirical social research

### **International Max Planck Research School for Demography, Rostock (IMPRSD)**

2006/07: Seminar for doctoral students: Social differences in health and mortality

2003/04: Lectures in a lecture series for doctoral students “New Directions in Mortality Research”

## **OTHER ACTIVITIES**

Reviewer for the Journals *Demographic Research*, *International Journal of Epidemiology*, *Demography*, *Experimental Gerontology*, *Population Health Metrics* and *Wiener Klinische Wochenschrift*

Member of the administrative committee of the doctoral curriculum “Demographic Change” at the University of Rostock (2007-2008)

Member of the Deutsche Gesellschaft für Soziologie (DGS):

- Section “Social inequality and social structural analysis“ <http://www.soziale-ungleichheit.de>
- Section “Age(ing) and Society“ <http://www.sektion-altern.de>
- Section “Medical Sociology and Health Sociology“ <http://dgsmedsoz.blogspot.com>

International Union for the Scientific Study of Population (IUSSP)

Population Association of America (PAA)

European Association for Population Studies (EAPS)

Association Internationale des Démographes de Langue Française (AIDELF)

Verein zur Förderung sozialmedizinischer Grundlagenforschung (VSG)

## **PAST GRANTS**

9/2008 – 8/2009: Max Weber scholarship by the European Commission through the European University Institute, Italy.

2005 – 2008: 4 travel grants for international conferences from the German Research Foundation (DFG)

## **PUBLICATIONS**

### Peer-reviewed articles in international journals

Rey G., Aouba A., Pavillon G., Hoffmann R., Plug I., Westerling R., Jouglu E., Mackenbach J. 2011 “Cause-specific mortality time series analysis: a general method to detect and correct for abrupt data production changes”. Accepted for publication at *Population Health Metrics*.

Hoffmann R. 2011 „Larger socioeconomic inequalities in old-age mortality in Denmark than in the USA“, *Social Science & Medicine*, 72:12, 1986-1992.

Hoffmann R. 2011 „Illness, not age, is the leveler of social mortality differences in old age“, *Journal of Gerontology: Social Sciences*, 66:5: 374-379.

Carlson E., Hoffmann R. 2010 „The State Socialist Mortality Syndrome“, *Population Research and Policy Review*, 30:3, 355-379.

Doblhammer G., Hoffmann R., Muth E., Westphal C., Kruse A. 2009 „A systematic literature review of studies analyzing the effects of sex, age, education, marital Status, obesity and smoking on health transitions”, *Demographic Research*, 20:5, 37-64.

Andreev E. M., Hoffmann R., Carlson E. D., Shkolnikov V. M., Kharkova T. L. 2009 „Concentration of Working-Age Male Mortality among Manual Workers in Urban Latvia and Russia, 1970-1989”, *European Societies*, 11:8, 161-185.

Doblhammer G., Hoffmann R. 2009 „Gender differences in trajectories of health limitations and subsequent mortality. A study based on the German Socio-Economic Panel 1995-2001 with a mortality follow up 2002-2005”, *Journal of Gerontology: Social Sciences*, 65:4, 482-491.

Hoffmann R. 2005 „Do socioeconomic mortality differences decrease with rising age?”, *Demographic Research*, 13:2, 35-62.

### Monographs

Hoffmann, R. 2008 „Socioeconomic Differences in Old Age Mortality”, Series „Demographic Methods and Population Analysis“, edited by Kenneth Land, Vol. 25, Springer, Dordrecht.

### Other publications

Hoffmann R. 2010 „Inégalités sociales devant la mort et en matière de santé aux Danemark et aux Etats-Unis“, in: „*Populations d'ici et d'ailleurs. Regards croisés*“, Editions de l'Université Paris-X, PUF-Flammarion (in press).

Doblhammer G., Hoffmann R., Muth E., Nusselder W. 2010 „The effect of Sex, Obesity and Smoking on health Transitions: A statistical meta-analysis”, in: *Aging, Care Need, and Quality of Life*, VS-Verlag, Wiesbaden.

Hoffmann R. 2008 „Arm oder reich? – Erst bei Krankheit bedeutungslos. Studie über soziale Sterblichkeitsunterschiede im Alter stärkt Präventionsgedanken”, *Demografische Forschung aus erster Hand*, Jg. 5, No. 3.

Hoffmann R. 2008 „Soziale Ungleichheit in der Altersmortalität in Dänemark und den USA – Faktoren und ihre Wirkungsweise“, in: *Health Inequalities – Erklärungsansätze gesundheitlicher Ungleichheit*, U. Bauer, U. Bittlingmayer, M. Richter (eds.), VS-Verlag, Wiesbaden.

Uriona V., Hoffmann R. 2007 „Rette sich wer kann! Jugend in Argentinien und Deutschland: ein ständiges déjà-vu“, in *Globale Jugend und Jugendkulturen. Aufwachsende im Zeitalter der Globalisierung*, D. Villányi, M. D. Witte, U. Sander (eds.), Juventa, Weinheim/München, 95-115.

Hoffmann R. 2006 „Nachhaltiger Konsum nur für Reiche? Der Zusammenhang von Wohlstandsniveau und Konsumverhalten“, in *Soziale Ungleichheit, Kulturelle Unterschiede*,

*Verhandlungen des 32. Kongresses der Deutschen Gesellschaft für Soziologie*, K.-S. Rehberg (ed.) Campus, Frankfurt, 2787-2801.

Hoffmann R. 2003 „Der Zusammenhang zwischen sozialen und ökologischen Problemen. Führt das Leitbild der Nachhaltigkeit zu trügerischer Harmonie?“, *Forum Recht*, 3/03, 76-79,

## **SELECTED CONFERENCE CONTRIBUTIOND**

- Chair of the session *Health and Education* at the Max Weber Lustrum Conference, European University Institute, Florence, June 2011.
- The state socialist mortality syndrome*. Chaire Quetelet 2010, Louvain-la-Neuve, November 2010.
- The AMIEHS-project. Avoidable Mortality in the European Union: towards better Indicators for the Effectiveness of Health Systems*. Invited speaker at the Meeting of OECD Health Data National Correspondents, Paris, November 2010.
- Gender Differences in Trajectories of Health Limitations in Germany between 1995 and 2001*. Annual Meeting of the Population Association of America (PAA), New Orleans, April 2008.
- Trends of SES mortality differences*, Expert-Meeting on Assumptions on Future Mortality and Morbidity Trends in Europe for the MicMac-Project, International Institute for Applied Systems Analysis (IIASA), Laxenburg, September 2007.
- The Effect of Age, Sex, Obesity and Smoking on Health Transitions: A Statistical Meta-Analysis Based on a Systematic Literature Review*, Conférence de REVES (Réseau Espérance de Vie en Santé), St. Petersburg, Florida, May 2007.
- Demography of Longevity*. Invited speaker, Congress of the German Neurological Association (DGN), Wiesbaden, September 2005.
- Socioeconomic Mortality Differentials in Old Age – Evidence from US Survey Data and Danish Register data*, World Congress of the International Institute of Sociology, Stockholm, July 2005.
- Does the socioeconomic mortality gradient interact with age? - Evidence from US survey data and Danish register data*, 25th International Population Conference, IUSSP, Tours, July 2005.
- Social Differences in Health and Mortality in Old Age - Evidence from US Survey Data and Danish Register Data*, Annual Meeting of the Population Association of America (PAA), Philadelphia, March 2005.
- Does the impact of the socioeconomic status on mortality decrease with age?*, Annual Meeting of the Population Association of America (PAA). Boston, April 2004.
- Decreasing influence of socio-economic status on mortality in old age?*, Annual Conference of the British Society for Population Studies (BSPS). Bristol, United Kingdom, September 2003.
- The impact of socio-economic status on health and mortality - decreasing in old age?*, Challenges for quality of life in the contemporary world. Fifth Conference of the International Society for Quality-of-Life Studies. University of Frankfurt/M., July 2003.
- The State Socialist Mortality Syndrome*, International Sociological Association (ISA) XVth World Congress of Sociology. Brisbane, Australia, July 2002.