

PERSONAL INFORMATION

Christian Ernst Heinrich Boehler, PhD, MSc

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WORK EXPERIENCE

Since 15/02/2017

Researcher

European Centre for Social Welfare Policy and Research, Vienna, Austria

Acquiring funding for health economic research, including overall coordination of a collaborative H2020 application; coordination and participation in research projects related to economic evaluation of healthcare technologies; active and healthy ageing, and the use of ICT in healthcare.

01/08/2016–31/01/2017

Health EconomistMain Association of Austrian Social Security Institutions, Vienna, Austria
Department of Pharmaceutical Affairs

Critically appraising health economic evidence submitted by manufacturers; preparing evidence in support of pharmaceutical pricing and reimbursement decisions in Austria; negotiating prices with manufacturers; participation in a Horizon 2020 call application.

15/09/2013–30/04/2016

Postdoctoral Research Fellow / Scientific Officer: economics of e-Health

European Commission, Joint Research Centre (DG-JRC), Institute for Prospective Technological Studies (IPTS), Seville (Spain)

Research focus: principal investigator of the 'Monitoring and Assessment Framework for the European Innovation Partnership on Active and Healthy Ageing' (MAFEIP) project with the aim of monitoring the EIP on AHA process, identifying suitable outcome indicators, and developing a web-based decision support tool based on a generic Markov model for assessing health and economic impact of the activities carried out within the EIP on AHA.

01/11/2012–30/06/2013

Senior Health Economist

Syreon Research Institute (SRI), Budapest (Hungary)

Main duties: acquiring research funding from private and public organisations, including EU funding; providing leadership in research projects relating to economic evaluation of healthcare technologies, pharmaceutical pricing and health policy

01/05/2012–30/09/2012

Freelancer / Research Associate II

United Biosource Corporation (UBC, now Evidera), Budapest (Hungary)

Main duties: health economic analysis; statistical analysis; participation in economic modelling projects

01/10/2007–30/09/2008

Research Fellow

Health Economics Research Group (HERG), Brunel University, London (United Kingdom)

Research focus: prioritisation of clinical preventive services and economic evaluation of a physical activity intervention in primary care

01/08/2005–06/09/2006

Social Health Insurance Professional

Bahn-BKK - Health Insurance of the German Railway, Frankfurt (Germany)

Main duties: client counselling; approval of services and benefits; calculation of social insurance contributions; creation and amendment of customer records

01/08/2001–31/07/2005 **Traineeship in a Social Health Insurance Fund**
Bahn-BKK - Health Insurance of the German Railway, Frankfurt (Germany)
Trainee-programme for the state approved profession of a social health insurance employee (special field: general health insurance)

01/09/1999–30/06/2000 **Military service**
German/French Bi-National Brigade, Müllheim (Germany)

EDUCATION AND TRAINING

01/10/2008–13/01/2013 **PhD in Health Economics** EQF level 8 (PhD)
Brunel University, London, UK Health Economics Research Group (HERG), London (United Kingdom)

Research focus: geographic transferability of economic evaluation in health
Use of multilevel statistical modelling to assess variability in, and adjust results of, published cost-effectiveness studies conducted across different geographic locations
Supervisors: Joanne Lord & Martin J. Buxton

01/10/2006–30/09/2007 **MSc in Health Economics** EQF level 7 (MSc)
University of York; Department of Economics and Related Studies, York (United Kingdom)
Main modules: health economics; economic evaluation in health; clinical decision analysis; cost benefit analysis; applied microeconomics; quantitative analysis

01/10/2002–31/08/2006 **German Diploma (BSc-equivalent) in Health Economics** EQF level 6 (Diploma)
University of Applied Sciences Ludwigshafen, Ludwigshafen (Germany)
Main modules: health economics; health systems research; management in healthcare companies; marketing in the health care sector; controlling; human resources management; quality management; law; maths; statistics

04/2014 **Advanced Methods in Decision Analytic Modelling for Economic Evaluation in Health**
University of York, Centre for Health Economics (CHE), York (United Kingdom)

01/2014 **Introduction to R SQL**
European Commission, DG-JRC / IPTS, Seville (Spain)

09/2010 **Introduction to Multilevel Modelling in STATA**
Royal Statistical Society, London (United Kingdom)

04/2010 **Introduction to Multilevel Modelling in MLwiN**
University of Bristol, Centre for Multilevel Modelling, Bristol (United Kingdom)

PERSONAL SKILLS

Mother tongue(s) German

Other language(s)

| | UNDERSTANDING | | SPEAKING | | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
| | Listening | Reading | Spoken interaction | Spoken production | |
| English | C2 | C2 | C2 | C2 | C2 |
| Spanish | A1 | A1 | A1 | A1 | A1 |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

ADDITIONAL INFORMATION

Publications

Papers in peer-reviewed journals

Helter T.M., Boehler C. (2016) Developing attributes for Discrete Choice Experiments in health - a systematic review of the literature and a case study of alcohol misuse interventions. *Journal of Substance Use*, DOI: 10.3109/14659891.2015.1118563

Boehler C., de Graaf G., Steuten L., Yang Y., Abadie F. (2015): Development of a web-based framework for the assessment of health and economic outcomes of the European Innovation Partnership on Active and Healthy Ageing (EIP on AHA). *BMC Medical Informatics and Decision Making*, Sept 2015, 15(suppl. 3): S4

Boehler C., Lord J. (2015) Mind the Gap! A multilevel analysis of factors related to variation in published cost-effectiveness estimates within and between countries. *Medical Decision Making*, Online first: 15, 2015, doi: 10.1177/0272989X15579173. JRC93431

Kalo, Z., Vitezic, D., Inotai, A., Boehler C (2013) Implementation of evidence-based health policy for pharmaceutical coverage decisions in lower income European economies, *ISPOR Central & Eastern Europe Network Newsletter*, vol. 1, No. 1, pp 3-5.

Boehler C., Milton K., Bull F.C., Fox-Rushby J.A. (2011) The cost of changing physical activity behaviour: evidence from a "physical activity pathway" in the primary care setting, *BMC Public Health*, 11:370.

Book Chapters

Boehler C., Helter T., Kholilul I., Kucsera C., Abadie F. Preference-based weights for the Active Ageing Index (AAI): proposal for a Discrete Choice Experiment (DCE). In: Zaidi, A., Harper, S., Hastrup, B., Howse, K., Lamura, G., Perek-Bialas J. (Eds.) *Active Ageing Index and its Potential*. Book chapter accepted for publication in October 2015

Boehler C., Gerber A., Meindl T., Piechotta P.L. (2012) Struktur von Gesundheitswesen und Krankenhaussystem. In: *Survival-Guide Chirurgie: Die ersten 100 Tage*; Schröder W., Krones C. (Edt.). Springer, Berlin

Monographs

Boehler C. (2013) Mind the Gap! – Geographic transferability of economic evaluations in health. Thesis submitted for the Degree of Doctor of Philosophy. Health Economics Research Group (HERG), Brunel University, London.

NICE Technology Appraisals

Cooper K, Harris P, Frampton G, Boehler C, Shepherd J. Cobimetinib in combination with vemurafenib for treating advanced (unresectable or metastatic) BRAF V600 mutation-positive melanoma: A Single Technology Appraisal. Southampton Health Technology Assessments Centre (SHTAC), 2016

Cooper K, Harris P, Rose M, Boehler C, Chorozoglou M, Shepherd J, Frampton G. Migalastat for Fabry Disease: A Highly Specialised Technology Evaluation. Southampton Health Technology Assessments Centre (SHTAC), expected publication date: 01/2017

Peer reviewed European Commission reports

Boehler C., Abadie F (in press). Monitoring and Assessment Framework for the European Innovation Partnership on Active and Healthy Ageing (MAFEIP). *Gap analysis*. European Commission, Joint Research Centre (JRC), Institute for Prospective Technological Studies (IPTS), Seville, Spain.

Boehler C., Abadie F (2015). Monitoring and Assessment Framework for the European Innovation Partnership on Active and Healthy Ageing (MAFEIP). *Conceptual description of the monitoring framework for the EIP on AHA*. European Commission, Joint Research Centre (JRC), Institute for Prospective Technological Studies (IPTS), Seville, Spain. JRC96205

Boehler C., Abadie F., Sabes-Figuera R., (2015). Monitoring and Assessment Framework for the European Innovation Partnership on Active and Healthy Ageing (MAFEIP). *Second report on outcome indicators*. European Commission, Joint Research Centre (JRC), Institute for Prospective Technological Studies (IPTS), Seville, Spain.

Abadie F., Boehler C., Lluch M., Sabes-Figuera R., Zamora Talaya M.B. (2014). Monitoring and Assessment Framework for the European Innovation Partnership on Active and Healthy Ageing (MAFEIP). *Second update of the process indicators*, European Commission, Joint Research Centre (JRC), Institute for Prospective Technological Studies (IPTS), Seville, Spain; JRC91174.

Abadie F., Boehler C., Lluch M., Sabes-Figuera R. (2014). Monitoring and Assessment Framework for the European Innovation Partnership on Active and Healthy Ageing (MAFEIP). *First report on outcome indicators*. European Commission, Joint Research Centre (JRC), Institute for Prospective Technological Studies (IPTS), Seville, Spain; JRC91162.

Other technical and policy reports

Boehler C. Trueman P. Longworth L. (2010) Organs for transplants - review of the evidence on the costs and cost-effectiveness of heart transplantation; report to the West Midlands Specialist Commissioning Team

Bull F.C., Milton K. & Boehler C. (2008) Report of the evaluation of the physical activity care pathway London feasibility pilot – final technical report. BHFNC, SSES, Loughborough University, December, 2008. Available online from the BHF National Centre for Physical Activity and Health.

Fox-Rushby J., Boehler C., Hanney S., Roberts I., Beresford P., Buxton M. (2008), Prioritisation of prevention services: determining the applicability of research from the US to the English context; Final Report commissioned for Health England by the DH Policy Research Programme

Posters and working papers

Yang Y., Kosterink S., Boehler C. (2016) Mapping from SF12 to EQ5D: Application and comparison of published and empirically estimated algorithms. Paper submitted to the 88th UK Health Economists Study Group (HESG) meeting, 6th – 8th January, Manchester, UK

De Graaf G., Steuten L., Pecchia L., Boehler C. (2015) Early Health Economic Assessment in Innovation Partnerships: Lessons from the European Innovation Partnership on Active and Healthy Ageing. *Value in Health*, vol. 18 No. 7, A726. doi: 10.1016/j.jval.2015.09.2762.

Boehler C., Lord J. Value for money for healthcare in Europe - economic evaluation without borders? European Health Forum, Gastein, Austria, August 2014.

Boehler C., Merész G., Kalo Z.. (2013) Pharmaceutical spending levels across Europe – consequences of current international pricing policies for lower income countries. *Value in Health*, 16:3, pp A255.

Boehler C., Lord J., Buxton M.J. (2012) Mind the Gap! – Geographic transferability of economic evaluations in health. *Value in Health*, vol. 15 No. 7, p.A374

Boehler C., Lord J., Buxton M.J. (2012) Mind the Gap – Geographic Transferability of Economic Evaluation in Health. Poster presented at the Multidisciplinary Assessment of Technology Centre for Healthcare (MATCH) Partner Conference, Solihull, UK, June 2012. (*Awarded best conference poster*)

Boehler C., Lord J., Buxton M.J. (2011) Mind the Gap! – Geographic transferability of economic evaluations in health. Paper presented at the Conference of the Health Economists Study Group (HESG), York, January 2011