

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name	<b>Hana M. Broulíková</b> (née Smrčková)
Address	De Boelelaan 1105, 1081 HV Amsterdam
Telephone	+420 607 920 481
E-mail	h.m.broulikova@vu.nl
Website	hana.broulik.cz
Nationality	Czech Republic
Born	1989
ORCID	0000-0002-1662-3005

### ACADEMIC POSITIONS AND EDUCATION

#### **November 2019 – now**

Postdoctoral researcher  
- Health Technology Assessment Section, Vrije Universiteit Amsterdam  
- supervisor: Judith Bosmans

#### **September 2015 – December 2019**

Doctoral study program  
- Economics and Statistics  
- Faculty of Informatics and Statistics, Prague University of Economics and Business  
- supervisor Markéta Arltová  
- Czech Alzheimer Foundation Award (cena manželů Strmiskových)  
- Czech Demographic Society Award  
- Dean's Award

#### **September 2018 – December 2018**

Visiting PhD student stay  
- Department of Biostatistics, Mailman School of Public Health, Columbia University  
- "Cost-Effectiveness of Alzheimer's Disease Early Detection in the Czech Republic: Decision Analytic Modeling"

#### **January 2018 – December 2018**

Visiting PhD student stay  
- Wagner School of Public Service, New York University

#### **February 2016 – June 2016**

Visiting PhD student stay  
- Tilburg School of Economics and Management, Tilburg University

#### **February 2015 – February 2016**

Master study program  
- Economics (specialization: Competition and Regulation)  
- Tilburg School of Economics and Management, Tilburg University  
- graduated with distinction  
- certificate of additional training (Tilburg Law and Economics Center)

**RESEARCH GRANTS AND  
PROJECTS**

**September 2012 – September 2015**

Master study program

- Economic Analysis (minor specialization: Economics & Psychology)
- Faculty of Economics, Prague University of Economics and Business

**September 2009 – September 2012**

Bachelor study program

- Economics
- Faculty of Economics, Prague University of Economics and Business
- University Award for Excellent Thesis

**January 2019 – March 2020**

The National Action Plan for Alzheimer's Disease and Related Illnesses

- Project Leader
- Ministry of Health of the Czech Republic, National Institute of Mental Health
- collaboration with the World Health Organization

**September – December 2018**

Fulbright Commission

- stay at Columbia University

**March 2017 – December 2018**

Internal Grant Agency, University of Economics, Prague

- "Cost-Effectiveness of Alzheimer's Disease Early Detection and Intervention"
- Project Leader

**OTHER ACADEMIC AND  
POLICY EXPERIENCE**

**January 2021 – now**

Associate Editor at the Journal of Alzheimer's Disease

**April 2020 – now**

Advisor at the Ministry of Health of the Czech Republic

**January 2019 – September 2019**

Lecturer

- Department of Economics, Faculty of Law, Charles University, Prague

**September 2018 – now**

Researcher

- The Role of Attitudes Towards Aging in Subjective Cognitive Decline
- Taub Institute for Research on Alzheimer's Disease and the Aging Brain, Columbia University

**August 2016 – now**

Researcher

- National Institute of Mental Health, Czech Republic
- MERRPS project (<http://merrps.cz/domains/merrps.cz/?lang=en>)
- PARAFILIK project (<https://www.projektparafilik.cz/>)
- producing economic evidence for a reform of Czech psychiatric care
- assessing cost-effectiveness of mental illness interventions

### **September 2015 – December 2017**

Researcher

- “After the Curtain: Empirical Studies of Migration in Transition Economies”
- Mendel University in Brno

### **February 2016 – June 2016**

Research Assistant

- “Faithful Strategies: How Religion Shapes Nonprofit Management”
- Tilburg Law and Economics Center

### **May 2016**

Experimental Economics Laboratory Assistant

- “Endogenous Preference Formation in Different Social Environments”
- Tilburg University

### **Spring 2014**

Lecturer

- Summer School on Behavioral Economics and Psychology

Reviewer

- Neuropsychiatric Disease and Treatment
- PLOS ONE

## **PUBLICATIONS**

Hospitalizations and Mortality of Individuals with Dementia: Evidence from Czech National Registers. *Journal of Alzheimer's Disease*. 2020, vol. 75(3), pp. 1017-1027. (with Marketa Arltova, Marie Kuklova, Tomas Formanek, Pavla Cermakova)

Five-year cost-effectiveness analysis of the European Fans in Training (EuroFIT) physical activity intervention for men versus no intervention. *International Journal of Behavioral Nutrition and Physical Activity*. 2020, vol. 17(1), pp. 1-13. (with Spyros Kolovos, Spyros Kolovos, Aureliano P Finch, Hidde P van der Ploeg, Femke van Nassau, Hana M Broulikova, Agni Baka, Shaun Treweek, Cindy M Gray, Judith G M Jelsma, Christopher Bunn, Glyn C Roberts, Marlene N Silva, Jason M R Gill, Øystein Røynesdal, Willem van Mechelen, Eivind Andersen, Kate Hunt, Sally Wyke, Judith E Bosmans).

Ekonomické hodnocení ve zdravotnictví: Zaměřeno na duševní zdraví. Nakladatelství NUDZ, 2020. (with Martin Dlouhý, Petr Winkler)

Expenditures on Mental Health Care in the Czech Republic in 2015. *Psychiatric Quarterly*. 2020, vol. 91, pp. 113–125. (with Martin Dlouhý, Petr Winkler)

Costs of mental health services in Czechia. *Applied Health Economics and Health Policy*. 2020, vol. 18, pp. 287–298. (with Petr Winkler, Lucie Kondrátová, Marek Páv)

Homeownership, mobility, and unemployment: evidence from housing privatization. *Journal of Housing Economics*. 2020, vol. 50. (with Peter Huber, Josef Montag, Petr Sunega)

Housing Privatization in Transition Countries: Institutional Features and Outcomes. *Review of Economic Perspectives*. 2020, vol. 20(1), pp. 51-71. (with Josef Montag)

The Potential Impact of Alzheimer's Disease Early Treatment on Societal Costs of Care in Czechia: A Simulation Approach. *The Journal of Mental Health Policy and Economics*. 2018, vol. 28, pp. 147-161. (with Václav Sládek, Markéta Arltová, Jakub Černý)

An economic rationale for mental health care reform in the Czech Republic: cost-effectiveness of care for people with psychosis in the community and psychiatric hospitals. *The Lancet Psychiatry*. 2018, vol. 5(12), pp. 1023-31. (with Petr Winkler, Leonardo Koeser, Lucie Kondrátová, Marek Páv, Lucie Kališová, Barbara Barrett, Paul McCrone)

Value of schizophrenia treatment II: Decision modelling for developing early detection and early intervention services in the Czech Republic. *European Psychiatry*. 2018, vol. 53, pp. 116-122. (with Petr Winkler, Lucie Kondrátová, Martin Knapp, Paul Arteel, Patrice Boyer, Silvana Galderisi, Hikka Karkkainen, Aagje Ieven, Pavel Mohr, Danuta Wasserman, A-La Park, Michella Tinelli, Wolfgang Gaebel)

Costs of Alzheimer's disease in Czechia. In: *The 12th International Days of Statistics and Economics, Prague 2018*. (conference proceedings, with Václav Sládek, Markéta Arltová, Pavla Čermáková)

Economic Impact of Alzheimer's Disease Early Detection in Czechia. *The 11th International Days of Statistics and Economics, Prague*. 2017. (conference proceedings, with Václav Sládek, Markéta Arltová, Jakub Černý)

Use of Simulation Methods for Evaluation of Alzheimer's disease early detection in Czechia. *35th International Conference on Mathematical Methods in Economics, Hradec Králové*. 2017. (conference proceedings, with Václav Sládek, Markéta Arltová, Jakub Černý)

Ekonomická efektivnost ve dvou vybraných rozhodnutích českých soudů. *Časopis pro právní vědu a praxi*. 2015, vol. 23, no. 3, pp. 240-246 (with Jan Broulík)

## **ADDITIONAL ACADEMIC TRAINING**

### **Advanced Simulation Methods**

- School of Health and Related Research, University of Sheffield (October 2019)

### **Advanced Topics in Decision-making in Medicine**

- Netherlands Institute for Health Sciences, Erasmus MC (January 2019)

### **Using R for Decision Modeling in Health Technology Assessment**

- Netherlands Institute for Health Sciences, Erasmus MC (February 2019)

### **Bayesian Analysis - Overview and Applications**

- ISPOR, Barcelona (October 2018)

### **Analysis of Longitudinal Data: Fixed and Random Effects Models**

- ISPOR, Barcelona (October 2018)

### **Advanced Methods for Cost-Effectiveness Analysis: Meeting Decision Makers' Requirements.**

- University of York (June 2018)

### **Decision Analytic Modelling for Economic Evaluation**

- University of York (April 2018)

## **PERSONAL SKILLS**

### **MOTHER TONGUE**

**Czech**

OTHER LANGUAGES	<p><b>English</b>      Fluent</p> <p><b>Dutch</b>        Intermediate</p> <p><b>French</b>        Intermediate</p>
SKILLS QUALIFICATION AND TRAINING	<p>University teaching program (BKO certification) - Vrije Universiteit Amsterdam (in progress, expected graduation March 2021)</p> <p>Leadership in Science -Vrije Universiteit Amsterdam (December 2020)</p> <p>Time management for scientists -Vrije Universiteit Amsterdam (November 2020)</p> <p>Scientific project management -Vrije Universiteit Amsterdam (May 2020)</p> <p>Basic Pedagogics for University Lecturers - University of Economics, Prague (February 2018)</p>
SOCIAL AND ORGANIZATIONAL SKILLS	<p>Communicative, empathetic, enthusiastic, determined, independent, organized</p>
COMPUTER SKILLS AND COMPETENCIES	<p>Microsoft Office, EndNote, R, Github, Amua, EViews, Stata, Simul8, Latex</p>
ATHLETIC ACHIEVEMENTS	<p>Medal positions, Czech Academic Games 2011 and 2012, summer biathlon</p>