

## CURRICULUM VITAE

### PERSONAL INFORMATION

Name	<b>Hana M. Broulíková</b> (née Smrčková)
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Nationality	Czech Republic
Born	1989
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### 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, University of Economics, Prague  
- supervisor Markéta Arltová  
- Czech Alzheimer Foundation Award (cena manželů Strmiskových)

#### **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)

**ACADEMIC POSITIONS,  
RESEARCH GRANTS AND  
PROJECTS**

**September 2012 – September 2015**

Master study program

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

**September 2009 – September 2012**

Bachelor study program

- Economics
- Faculty of Economics, University of Economics, Prague
- 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**

**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 (MERRPS project: <http://merrps.cz/domains/merrps.cz/?lang=en>)

- National Institute of Mental Health, Czech Republic
- 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

## PUBLICATIONS

### 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

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 Røynsdal, 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*. 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)

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 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)

Basic Pedagogics for University Lecturers

- University of Economics, Prague (February 2018)

## PERSONAL SKILLS

MOTHER TONGUE

**Czech**

OTHER LANGUAGES

**English**      Fluent

**Dutch**         Intermediate

**French**        Intermediate

SOCIAL AND ORGANIZATIONAL SKILLS

Communicative, empathetic, enthusiastic, determined, independent, organized

COMPUTER SKILLS AND COMPETENCIES

Microsoft Office, EndNote, R, Github, Amua, EViews, Stata, Simul8, Latex

ATHLETIC ACHIEVEMENTS

Medal positions, Czech Academic Games 2011 and 2012, summer biathlon