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Osobní informace (adresa, tel., email, konzultační hodiny)

Najdete [zde](#)

Konzultační hodiny

Dlouhodobý pracovní pobyt na University of Cambridge,
konzultace v ČR po individuální dohodě na stochl@centrum.cz

Profesní charakteristika

[CV](#)

Vyučované předměty

- Antropomotorika
- Základy antropomotoriky
- Testy a měření v antropomotorice
- Dissertation methodology

Odborné zaměření

Studium asymetrií lidské motoriky, motorika Parkinsonovy nemoci a jiných neurodegenerativních nemocí

Publikace

scientific monography in English

- Štochl, J. (2013). Effects of ignoring clustered data structures in factor analysis with applications to psychiatry. Saarbrücken: Lambert Academic Publishing.
- Štochl, J. (2012). Five essays on laterality. Saarbrücken: Lambert Academic Publishing.
- Štochl, J. (2008). Structure of motor symptoms of Parkinson's disease. Prague: Karolinum.

Book chapters

- Zvonař, M., Pavlík, J., Sebera, M., Vespalec, T., & Štochl, J. (2010). Vybrané kapitoly z antropomotoriky. Brno: Masarykova Univerzita.
Selected chapters on Anthropomotorics

In impacted journals

- Štochl, J., Jones, Perez, J., Khandaker, G.M., Böhnke, J.R., Croudace, T. J. (2015). Effects of ignoring clustered data structure in confirmatory factor analysis of ordered polytomous items: a simulation study based on PANSS. Paper accepted for publication in International Journal of methods in Psychiatric Research.
Impact factor: 3.421, number of citations: 0 (Web of science), 0 (Scopus)
- Russo, D., Štochl, J., Painter, M., Jones, P., Perez, J. (2014). Substance use in people at clinical high-risk for psychosis. Paper accepted for publication in BMC Psychiatry.
Impact factor: 2.240, number of citations: 0 (Web of science), 0 (Scopus)
- Kirkbride, J., Štochl, J., Zimbron, J., Crane, C., Metastasio, A., Aguilar, E., Webster, R., Theegala, S., Kabacs, N., Jones, P., Perez, J. (2014). Social and spatial heterogeneity in psychosis proneness in a multilevel case-prodrome-control study. Paper accepted for publication in Acta Psychiatrica Scandinavica.
Impact factor: 5.545, number of citations: 0 (Web of science), 0 (Scopus)
- Morcillo, C., Štochl, J., Russo, D., Zambrana, A., Ratnayake, N., Jones, P., Perez, J. (2014). First-Rank Symptoms and Premorbid Adjustment in Young Individuals at Increased Risk of Developing Psychosis. Paper accepted for publication in Psychopathology.
Impact factor: 1.557, number of citations: 0 (Web of science), 0 (Scopus)
- Khandaker, G., Štochl, J., Zammit, S., Lewis, G., Jones, P., (2014). A population-based Prospective Birth Cohort Study of Childhood Neurocognitive and Psychological Functioning in Healthy Survivors of Early Life Meningitis. Paper accepted for publication in Annals of Epidemiology.
Impact factor: 2.145, number of citations: 0 (Web of science), 0 (Scopus)
- Štochl, J., Khandaker, G., Lewis, G., Goodyer, I.M., Zammit, S., Sullivan, S., Croudace, T.J., Perez, J., Jones, P., (2014). Mood, Anxiety and Psychotic Phenomena Measure a Common Psychopathological Factor. Paper accepted for publication in Psychological Medicine.

- Impact factor: 5.428, number of citations: 0 (Web of science), 0 (Scopus)
- Russo, D., Štochl, J., Painter, M., Jones, P., Perez, J. (2014). Trauma history characteristics associated with mental states at clinical high risk for psychosis. Paper accepted for publication in *Psychiatric Research*.
Impact factor: 2.682, number of citations: 0 (Web of science), 0 (Scopus)
 - Sullivan, S., Wiles, N., Kounali, D., Lewis, G., Heron, J., Cannon, M., Mahedy, L., Jones, P., Štochl, J., Zammit, S. (2014). The longitudinal associations between psychotic experiences and depressive symptoms in adolescents from a population sample. Paper accepted for publication in *PLOS ONE*.
Impact factor: 3.730, number of citations: 0 (Web of science), 0 (Scopus)
 - Khandaker, G., Štochl, J., Zammit, S., Lewis, G., Jones, P. (2014). Childhood Epstein Barr Virus Infection and Subsequent Risk of Psychotic in Adolescence: a population-based prospective serological study Paper accepted for publication in *Schizophrenia Research*.
Impact factor: 4.590, number of citations: 0 (Web of science), 0 (Scopus)
 - Bezdíček, O., Nikolai, T., Hoskovcová, M., Štochl, J., Brožová, H., Dušek, P., Zárubová, K., Jech, R., Růžička, E. (2014). Grooved pegboard predicates more of cognitive than motor involvement in Parkinson's Disease. *Assessment*, 21(6), 723-730
Impact factor: 3.286, number of citations: 0 (Web of science), 0 (Scopus)
 - Kounali, D., Zammit, S., Wiles, N., Sullivan, S., Cannon, M., Štochl, J., Jones, P., Mahedy, L., Gage, S.H., Heron, J., Lewis, G., (2014). Common and psychopathology-specific risk factors for psychotic experiences and depression during adolescence. Paper accepted for publication in *Psychological Medicine*, 44(15), 3229-3238.
Impact factor: 5.587, number of citations: 0 (Web of science), 1 (Scopus)
 - Štochl, J., Jones, P.B., Plaistow, J., Reininghaus, U., Priebe, S., Perez, J., Croudace, T.J. (2014). Multilevel ordinal factor analysis of the Positive and Negative Syndrome Scale (PANSS). *International Journal of Methods in Psychiatric Research*. 23(1), 25-35.
Impact factor: 2.462, number of citations: 0 (Web of science), 0 (Scopus)
 - Khandaker, G.M., Štochl, J., Zammit, S., Lewis, G., Jones, P. (2013). A Population-based Longitudinal Study of Childhood Neurodevelopmental Disorders, IQ and Subsequent Risk of Psychotic Experiences in Adolescence. *Psychological Medicine*.
Impact factor: 5.587, number of citations: 0 (Web of science), 0 (Scopus)
 - Amone-P'Olak, K., Štochl, J., Ovuga, E., Abbott, R., Meiser-Steadman, R., Croudace, T., Jones, P. (2013). Post-war Environment and Long-Term Mental Health Problems in Former Child Soldiers in Northern Uganda: The WAYS Study. *Journal of Epidemiology & Community Health*, 68(5), 425-430.
Impact factor: 3.192, number of citations: 2 (Web of science), 1 (Scopus)
 - Ersche, K. D., Štochl, J., Woodward, J. M., & Fletcher, P. C. (2013). The skinny on cocaine: Insights into eating behavior and body weight in cocaine-dependent men. *Appetite*, 71C, 75-80.
Impact factor: 2.541, number of citations: 2 (Web of science), 3 (Scopus)
 - Perez, J., Russo, D., Štochl, J., Byford, S., Zimbron, J., Graffy, J.P., Painter, M., Croudace, T., Jones, P. (2013). Comparison of high and low intensity contact between secondary and primary care to detect people at ultra-high risk for psychosis: Study protocol for a theory-based, cluster randomised controlled trial. *Trials*, 14(1).
Impact factor: 2.210, number of citations: 0 (Web of science), 0 (Scopus)
 - Hui, Ch., Morcillo, C., Russo, D., Štochl, J., Shelley, G., Painter, M., Jones, P., Perez, J. (2013). Psychiatric Morbidity, Functioning and Quality of Life in Young People at Clinical High Risk for Psychosis). *Schizophrenia Research*, 148(1-3), 175-180.
Impact factor: 4.747, number of citations: 4 (Web of science), 3 (Scopus)
 - Zimbrón, J., de Azúa, S. R., Khandaker, G., Gandamaneni, P. K., Crane, C. González-Pinto, A., Štochl, J., Jones, P. B. and Pérez, J. (2013). Clinical and Sociodemographic Comparison of People at High-Risk for Psychosis and with First-Episode Psychosis. *Acta Psychiatrica Scandinavica*, 127(3), 210-216.
Impact factor: 4.220, number of citations: 2 (Web of science), 6 (Scopus)
 - Štochl, J., Croudace, T., Perez, J., Birchwood, M., Lester, H., Marshall, M., et al. (2013). Usefulness of EQ-5D for evaluation of health related quality of life in young adults with first episode psychosis. *Quality of Life Research*, 22(5), 1055-1063.
Impact factor: 1.958, number of citations: 2 (Web of science), 2 (Scopus)
 - Štochl, J., Croudace, T. (2013) Predictors of human rotation. *Laterality*, 18(3), 265-281.
Impact factor: 1.384, number of citations: 0 (Web of science), 0 (Scopus)
 - Štochl, J., Jones, P., Croudace, T. (2012) Mokken scale analysis of mental health and well-being questionnaire item responses: a non-parametric IRT method in empirical research for applied health researchers *BMC Medical Research Methodology*, 12(1):74.
Impact factor: 2.670, number of citations: 10 (Web of science), 10 (Scopus)
 - Štochl, J., Croudace, T., Brožová, H., Klempíř, J., Roth, J., & Růžička, E. (2012) Changes of hand preference in Parkinson's disease. *Journal of Neural Transmission*, 119(6), 693-696. Impact factor: 2.597, number of citations: 0 (Web of science), 0 (Scopus)
 - Russo, D., Štochl, J., Croudace, T.J., Graffy, J.P., Jouens, J., Jones, P.B., Perez, J. (2012). Use of the Theory of Planned Behaviour to assess factors influencing the identification of individuals at ultra high-risk for psychosis in Primary Care. *Early intervention in psychiatry*, 6(3), 265-275.

- Impact factor: 1.169, number of citations: 1 (Web of science), 1 (Scopus)
- Štochl, J., Klempíř, J., & Roth, J. (2011). Reply: CAG repeat size in the normal HTT allele and age of onset in Huntington's disease. [Letter]. *Movement disorders*, 26(13), 2451-2451.
Impact factor: 4.505, number of citations: 0 (Web of science), 0 (Scopus)
 - Hulejová, H., Levitová, A., Kuklová, M., Štochl, J., Haluzík, M., Pavelka, K., (2011). No effect of physiotherapy on the serum levels of adipocytokines in patients with ankylosing spondylitis. *Clinical Rheumatology*, 31(1), 67-71.
Impact factor: 1.996, number of citations: 7 (Web of science), 7 (Scopus)
 - Kabacs, N., Memon, A., Obinwa, T., Štochl, J., & Perez, J. (2011). Lithium in drinking water and suicide rates across the East of England. *The British Journal of Psychiatry*, 198(5), 406-407.
Impact factor: 6.619, number of citations: 10 (Web of science), 13 (Scopus)
 - Brožová, H., Štochl, J., Klempíř, J., Kuchařík, M., Růžička, E., & Roth, J. (2011). A sensitivity comparison of clinical tests for postural instability in patients with Huntington's disease. *Gait&Posture*. 34(2), 245-247.
Impact factor: 2.123, number of citations: 2 (Web of science), 1 (Scopus)
 - Klempíř, J., Židovská, J., Štochl, J., Kebrdlová, V., Uhrová, T., & Roth, J. (2011). The number of CAG repeats within the normal allele does not influence the age of onset in Huntington's disease. *Movement Disorders*, 26(1), 125-129.
Impact factor: 4.505, number of citations: 8 (Web of science), 9 (Scopus)
 - Říčan, P. R., Lukavský, J., Janošová, P., & Štochl, J. (2010). Spirituality of American and Czech students – a cross-cultural comparison. *Studia Psychologica*, 52(3), 243-251.
Impact factor: 0.175, number of citations: 0 (Web of science), 0 (Scopus), 1 (other)
 - Bezdíček, O., Balabánová, P., Havránková, P., Štochl, J., Roth, J., & Růžička, E. (2010). A Comparison of the Montreal Cognitive Assessment - Czech Version to the Mini Mental State in Identifying Cognitive Deficits in Parkinson's Disease. *Ceska a Slovenska Neurologie a Neurochirurgie*, 73(2), 150-156.
Impact factor: 0.319, number of citations: 6 (Web of science), 9 (Scopus)
 - Brožová, H., Štochl, J., Roth, J., & Růžička, E. (2009). Fear of Falling Has Greater Influence Than Other Aspects of Gait Disorders on Quality of Life in Patients with Parkinson's Disease. *Neuroendocrinology Letters*, 30(4), 453-457.
Impact factor: 1.359, number of citations: 13 (Web of science), 15 (Scopus)
 - Klempíř, J., Klempířová, O., Štochl, J., Špačková, N., & Roth, J. (2009). The relationship between impairment of voluntary movements and cognitive impairment in Huntington's disease. *Journal of Neurology*, 256(10), 1629-1633.
Impact factor: 2.477, number of citations: 6 (Web of science), 7 (Scopus)
 - Štochl, J., Hagtvet, K. A., Brožová, H., Klempíř, J., Roth, J., & Růžička, E. (2009). Handedness does not predict side of onset of motor symptoms in Parkinson's disease. *Movement Disorders*, 24(12), 1836-1839.
Impact factor: 4.014, number of citations: 9 (Web of science), 8 (Scopus)
 - Štochl, J., Boomsma, A., van Duijn, M., Růžička, E., & Brožová, H. (2008). Mokken scale analysis of the UPDRS: Dimensionality of the Motor Section revisited. *Neuroendocrinology Letters*, 29(1), 151-158.
Impact factor: 1.359, number of citations: 1 (Web of science), 1 (Scopus), 4 (other)
 - Štochl, J., Boomsma, A., Růžička, E., Brožová, H., & Blahuš, P. (2008). On the Structure of Motor Symptoms of Parkinson's Disease. *Movement Disorders*, 23(9), 1307-1312.
Impact factor: 3.898, number of citations: 17 (Web of science), 17 (Scopus)

Abstracts in impacted journals

- Růžička, E., Hoskocová, M., Brožová, H., Dušek, P., Bezdíček, O., Jech, R., Zárubová, K., Štochl, J., Roth, J. (2012). Prediction of falls in advanced Parkinson's disease: quantitative analysis of gait and balance is not helpful. *European Journal of Neurology*, 19, 699-699.
Impact factor: 3.692
- Turton, A., Štochl, J., Croudace, T., & Ersche, K. D. (2011). Measuring control beliefs in drug addiction. *European Neuropsychopharmacology*, 21, S586-S586.
Impact factor: 4.201
- Brožová, H., Barnaure, I., Růžička, E., Štochl, J., Alterman, R., & Tagliati, M. (2010). Short and long-term effects of DBS on gait and other symptoms of Parkinson's disease. *Movement Disorders*, 25(7), 768.
Impact factor: 4.014
- Klempíř, J., Vymazal, J., Jech, R., Židovská, J., Syka, M., Keller, J., Kuchařík, M., Štochl, J., Roth, J. (2010). The iron content in brains in Huntington's disease. *Movement Disorders*, 25(7), S273-S273.
Impact factor: 4.014
- Brožová, H., Štochl, J., Roth, J., & Růžička, E. (2009, Jun 07-11). Fear of falling has a greater influence than other aspects of gait disorders on quality of life in patients with Parkinson's disease, Paris, FRANCE.
Impact factor: 3.898
- Štochl, J., Hagtvet, K. A., Brožová, H., Klempíř, J., Roth, J., & Růžička, E. (2009, Jun 07-11). Side of onset of motor symptoms cannot be predicted from premorbid handedness of patients with Parkinson's disease, Paris, FRANCE.
Impact factor: 3.898
- Klempíř, J., Klempířová, O., Štochl, J., Špačková, N., & Roth, J. (2008). Relationship between impairment of voluntary movements and short-term memory in Huntington's disease. *Movement Disorders*, 23(1), S185-S186
Impact factor: 3.898
- Brožová, H., Kuchařík, M., Štochl, J., Klempíř, J., Růžička, E., & Roth, J. (2008). A sensitivity comparison of clinical tests of postural instability in patients with Huntington's disease. *Movement Disorders*, 23(1), S189-S189.

Impact factor: 3.898

- Klempíř, J., Klempířová, O., Štochl, J., Špačková, N., & Roth, J. (2008). Relationship between impairment of voluntary movements and short-term memory in Huntington's disease. [Meeting Abstract]. *Journal of Neurology Neurosurgery and Psychiatry*, 79, A14-A14.

Impact factor: 4.622

- Brožová, H., Kuchařík, M., Štochl, J., Klempíř, J., Růžička, E., & Roth, J. (2008). A sensitivity comparison of clinical tests of postural instability in patients with Huntington's disease. [Meeting Abstract]. *Journal of Neurology Neurosurgery and Psychiatry*, 79, A16-A16.

Impact factor: 4.622

- Brožová, H., Štochl, J., & Růžička, E. (2008). Gait disorders substantially influence the quality of life in patients with Parkinson's disease. *Parkinsonism & Related Disorders*, 14, S45-S45

Impact factor: 1.907

In international reviewed journals

- Štochl, J., Croudace, T. (2013). Mokken Scaling analysis of Revised Clinical Interview Schedule (CIS-R) psychiatric status rating scales in a nationally representative sample: the 2007 Adult Psychiatric Morbidity Survey of England. Paper accepted for publication in *Journal of Addiction Medicine & Therapy*.
number of citations:0

- Ersche, K., Turton, A., Croudace, T., Štochl, J. (2012). Who do you think is in control in addiction? - A pilot study on drug-related Locus of Control beliefs. *Addictive Disorders & Their Treatment*, 11(4), 195-205.

- Štochl, J., Boomsma A., Tomešová, E., Kovář, K. (2006). Structural equation model of motor symptoms of Parkinson's disease. *Studies in Physical Culture and Tourism*, 13(Supplement), 99-103.

In Czech reviewed journal

- Štochl, J., Croudace, T. (2012). On the measurement level of handedness scores. *Acta Universitatis Carolinae Kinanthropologicae*, 48(2), 179-188.
number of citations:0

- Štochl, J., Croudace, T. (2012). On the number of handedness groups. *Acta Universitatis Carolinae Kinanthropologicae*, 48(2), 164-178.
number of citations:0

- Štochl, J., Zhu, W. (2011). Influence of Categorisation on Internal Structure of Exercise Barrier Inventory. *Acta Universitatis Carolinae Kinanthropologicae*, 47(1), 5-15.
number of citations:0

- Musálek, M., Štochl, J., (2010). A means of field diagnostics of motor manifestation of laterality and its flaws *Acta Universitatis Carolinae Kinanthropologicae*, 46(2), 85-92.
number of citations: 1

- Štochl, J., Musálek, M. (2009). A practical guide to pilot standardization of tests. *Acta Universitatis Carolinae Kinanthropologicae*, 45(2), 5-15.
number of citations:1

- Pecha, O., Štochl, J., Hagtvet K.A., Čechovská, I. (2009). Generalizability of assessing fundamental aquatic skills in preschool children: a three facet design. *Acta Universitatis Carolinae Kinanthropologicae*. 45(2), 119-131.
number of citations:0

- Šmídová, J., Hátlová, B., & Štochl, J. (2008). Global self-esteem in older adults participating in regular motor activities. *Acta Universitatis Palackianae Olomouensis*, 38(4), 31-37.
number of citations:2

- Koudelková, A., Štochl, J. (2008). Ověření faktorové struktury dimenzí kvality života pomocí metody strukturálního modelování. *Česká Kinantropologie*, 12(1), 49-62.
number of citations: 1

- Štochl, J. (2007). Evaluating Model Invariance In Several Populations: The Example Of Multi-Sample Factor Analysis For Polytomous Data. *Acta Universitatis Carolinae Kinanthropologica*. 42(2), 5-15.
number of citations: 0

- Štochl, J. (2007). Nonparametric extension of item response theory models and its usefulness for assessment of dimensionality of motor tests. *Acta Universitatis Carolinae Kinanthropologica*. 42(1), 75-94.
number of citations: 0

- Tomešová, E., Štochl, J. (2007). Cross-Cultural Validity and Reliability of the Czech version of Physical Self-Perception Profile. *Acta Universitatis Carolinae Kinanthropologica*. 42(1), 55-62.
number of citations: 0

- Štochl, J., Čechovská, I., & Pavelková, V. (2005). Evaluation of the scale of swimming skills for preschool children. *Acta Universitatis Carolinae Kinanthropologica*, 41(1), 87-98.
number of citations: 0

Conference papers

- Štochl, J. (2005). The Unified Parkinson's Disease Rating Scale: Factor structure of the Motor Section during the „on“state. In: *Mladí Evropané ve vědě*.

- Čechovská, I., Soukup, D., Štochl, J. (2004). Vazba mezi nespecifickými testy a plaveckým výkonem: In: *Problematika plavání a plaveckých sportů*, ed. Čechovská, I. Prague: Karolinum.

Relationship between nonspecific tests and swimming performance.

- Štochl, J. (2003) Příspěvek ke standardizaci škály hodnotící stupeň adaptace na vodní prostředí u předškolních dětí: In: Problematika plavání a plaveckých sportů, ed. Čechovská, I. Praha: Karolinum.
Contribution to standardisation of the scale for assessment of adaptation for water environment.
- Štochl, J. (2002). Ke standardizaci škály určené pro plavání předškolních dětí. Tělesná výchova a sport mládeže, 68, 23-28.
Evaluation of the scale used for swimming of preschool children.
- Štochl, J. (2002). Příspěvek ke standardizaci škály pro hodnocení plaveckých dovedností předškolních dětí. In: Tělesná výchova a sport - Euroregion NISA, Liberec.
Contribution to the standardisation of the scale of swimming skills for preschool children
- Štochl, J. (2002). Zhodnocení objektivitu a reliability škály hodnotící stupeň adaptace na vodní prostředí u předškolních dětí: In: Online sborník studentské vědecké konference UK FTVS "I mladí vědci mají své dny." Praha. <http://www.ftvs.cuni.cz/pds/konference2/Sekce%203/index.htm>, cit.30.9.2004.
Preliminary assessment of objectivity and reliability of the scale used for evaluation of adaptation to water environment in preschool children.
- Štochl, J. (2002). Orientační zhodnocení objektivitu a reliability škály hodnotící stupeň adaptace na vodní prostředí u předškolních dětí: In: Sborník univerzitní studentské vědecké konference UK. Praha.
Preliminary assessment of objectivity and reliability of the scale used for evaluation of adaptation to water environment in preschool children.

Other publications

- Štochl, J. (2013). Five essays on laterality. Unpublished Associate professor thesis, Charles University, Prague, CZ.
- Štochl, J. (2012). Effects of ignoring clustered data structures in factor analysis with applications to psychiatry. Unpublished MPhil thesis, University of Cambridge, Cambridge, UK.
- Štochl, J. (2005). Structure of motor symptoms of Parkinson's Disease. Unpublished doctoral thesis, Charles University, Prague, CZ
- Štochl, J. (2002). Škály pro hodnocení plavecké úrovně předškolních dětí. Unpublished diploma thesis, Charles University, Prague, CZ