



evropský
sociální
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EVROPSKÁ UNIE



MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY



OP Vzdělávání
pro konkurenceschopnost

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

Czech Technical University in Prague

Project „Support of research teams of CTU“

CZ.1.07/2.3.00/30.0034

Postdoctoral position at the Faculty of Biomedical Engineering, Czech Technical University in Prague

Health technology assessment applied to medical devices

Karel Roubík, PhD, assoc. prof. of biomedical engineering

At the Department of Biomedical Technology, Czech Technical University in Prague, there are, among others, research teams interested in all aspects of mechanical ventilation and in health technology assessment. The Non-conventional ventilatory team (NVT) focuses on theoretical analyses, modeling, design of respiratory care equipment, animal experiments, and clinical trials, especially in High Frequency Oscillatory Ventilation (HFOV), Electrical Impedance Tomography (EIT) and heliox administration in respiratory care. The CzechHTA team is focusing on application of HTA methods to medical devices, especially in lung ventilation and cardiology, adjusting HTA methods for short lifespan of medical devices, and all aspects of medical devices management.

We seek a full-time postdoctoral researcher to join our teams who will contribute to our ongoing projects on economic and clinical effectiveness of devices used in lung ventilation and urgent care medicine, and will develop new research directions. The work will involve metaanalyses, design of clinical experiments, collection of cost data, development of mathematical economic models for assessment the effectiveness of new technologies, and preparation of HTA reports. The successful candidate is also expected to write journal and conference papers and mentor graduate and undergraduate students.

Minimum qualifications:

Ph.D. in engineering, medical sciences or economy completed after March 29, 2008. At least one published paper indexed in Web of Science. Excellent English communication skills.

Preferred qualifications:

Strong publication record. Background in one or more of the following areas: health technology assessment, health care management, cost effectiveness, clinical tests design.

Salary and project duration:

56 000 CZK, i.e. approx. 2200 EUR, per month

The position is open starting September 1, 2013 with duration until June 30, 2015.

Deadline for applications:

Applications received by June 26, 2013 will be assured full consideration. Late applications will be considered continuously until the position is filled.

To apply:

Please send your Ph.D. diploma, structured curriculum vitae (including list of publications with impact factors), cover letter and a letter of recommendation (including a name, telephone number and email address of an academic reference) to: Ms. Tereza Trousilova at trousilova@fbmi.cvut.cz. Please send a copy of your application to roubik@fbmi.cvut.cz. Please provide us with a proof of your English language skills by sending either a certificate of proficiency (CAE, TOEFL or equivalent) or your dissertation in English.

For more information about CzechHTA please see <http://www.czechhta.cz>. For more information about the NVT and Karel Roubik please see <http://www.ventilation.cz>. The complete information on the admission process can be found at <http://www.fbmi.cvut.cz/fakulta/uredni-deska>.

