



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

In 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 interested in application of HTA methods to medical devices, especially lung ventilation and cardiology, adjusting HTA methods for short lifespan of medical devices, and all aspects of medical technology management.

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

Minimum qualification:

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

Preferred qualification:

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

Salary and project duration:

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

The position is open starting 1 January 2014 with duration until 30 June 2015.

Deadline for applications:

Applications received by 2 December 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 the list of publications with impact factors), cover letter and a letter of recommendation (including the name, telephone number and e-mail address of the academic referee) to: Ms. Barbora Menclova at menclba1@fbmi.cvut.cz. Please send a copy of your application to roubik@fbmi.cvut.cz and rogalewicz@fbmi.cvut.cz. Please provide us with a proof of your English language skills by sending either a certificate of proficiency (CAE, TOEFL iBT score 80 or higher, or comparable) or equivalent) or your dissertation in English.

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

Prof. MUDr. Jozef Rosina, PhD.
Dean of the Faculty