

Masaryk University	
Faculty	Faculty of Science
Procedure field	Environmental Health Sciences
Applicant	Mgr. Hynek Pikhart, PhD
Applicant's home unit, institution	Faculty of Science, Masaryk University
Board members	
Chair	prof. RNDr. Jana Klánová, Ph.D. <i>Faculty of Science, Masaryk University</i>
Members	prof. RNDr. Dagmar Dzúrová, CSc. <i>Department of Social Geography and Regional Development, Faculty of Science, Charles University</i> prof. Ing. Mgr. Martin Dlouhý, Dr., MSc <i>Department of Econometrics, Faculty of Informatics and Statistics, Prague University of Economics and Business</i> Prof. Johannes Siegrist, Ph.D. <i>Institute of Medical Sociology, Centre for Health and Society, Faculty of Medicine, Heinrich-Heine-Universität Düsseldorf, Germany</i> Prof. Nicole Probst-Hensch, PhD <i>Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Switzerland</i>

Evaluation of the applicant's scholarly/artistic qualifications

The applicant, Hynek Pikhart, has a broad and strong scientific background in statistics, epidemiology, and social as well as environmental epidemiology. His research achievements are very impressive, starting with the development of the landmark HAPIEE study in Central and Eastern Europe, and continuing with several innovative European-wide research consortia on population health.

This strong expertise is reflected in an impactful scientific track record (publications as well as grants) on broad topics ranging from psychosocial and socioeconomic as well as occupational determinants of health to environmental health determinants. The candidate's publications have also focused on a broad range of health outcomes, including on the evaluation of the efficiency of the health care system.

His scientific productivity in terms of continuity, quantity, and quality is excellent. He is the author or co-author of a large number of scientific publications of various types, including many articles in prestigious professional journals. His research is world-class and widely cited. The applicant had well-balanced and different roles in the publications, ranging from first to senior and co-authorship. This points to the important combination of expertise and leadership, but also willingness to collaborate and bring his expertise into different research groups and consortia. This collaborative spirit and expertise is furthermore reflected by the candidate's serving on several international scientific committees.

The overall evaluation of the candidate is that he is a broad, dedicated and highly intelligent as well as impactful chronic disease epidemiologist. He is an expert with a broad overview and expertise of greatest value to the national and international cohort community investigating NCDs and their background in full complexity. There is therefore no doubt that he meets the requirements for appointment as a professor.

Conclusion: The applicant's scholarly/artistic capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Environmental Health Sciences.

Evaluation of the applicant's pedagogical experience

Hynek Pikhart has many years of teaching experience at several universities in the Czech Republic and United Kingdom and has been the supervisor of many dissertations, master's and bachelor's theses. He demonstrated ability to manage both, a high teaching load and a high scientific output.

His pedagogical experience and output reflect his broad expertise, as he is teaching and supervising students in different domains in different countries and contexts. During more than two decades, he initiated and promoted a highly successful novel teaching program in social epidemiology, thus instructing a new generation of young researchers with his outstanding devotion and skills of education. As a gifted teacher, he supervised many master and PhD students and served in prominent academic offices.

The excellent pedagogical approach to students, the scope, content and assessment of Hynek Pikhart's teaching activities fully correspond to the requirements for the award of the title of professor.

Conclusion: The applicant's pedagogical capabilities **meet** the requirements expected of applicants participating in a professor appointment procedure in the field of Environmental Health Sciences.

Evaluation of the applicant as a respected and recognized scholarly or artistic figure in a given field

The applicant is a well-known, highly respected researcher with a far-reaching impact of his substantial scientific findings on socio-environmental determinants of health and health inequalities. He is an internationally leading figure in comparative research across Europe, enriching the field with new insights and strengthening scientific collaboration through extensive research grants. He consistently publishes high-quality articles in highly prestigious scientific journals. The results of his research work are of professional quality and internationally acclaimed, as evidenced by their high citation response.

Through his scientific activities and through his application of stringent biostatistical approaches he has considerably improved chronic disease understanding. His scholarly recognition is fully evidenced by his involvement in the international research projects and the grant agency committees, in his awards including the ERA chair appointment, and in his extensive research collaboration in different countries and on different projects.

Conclusion: The applicant **is** a respected and recognized scholarly figure in his/her field. The applicant **has** made a significant contribution to the development of his/her field. The applicant **constitutes** a leading figure in his/her field of scholarship or research.

Secret vote results

Voting took place: electronically

Number of board members	5
Number of votes cast	5
of which	5
in favour	5
against	0

Board decision

Based on the outcome of the secret vote and following an evaluation of the applicant's scholarly or artistic qualifications, pedagogical experience and role as a respected and recognized scholarly or artistic figure, the board hereby submits a proposal to the Scientific Board of the Faculty of Science of Masaryk University to **appoint the applicant professor** of Environmental Health Sciences.

In Brno on 17.04.2024

prof. RNDr. Jana Klánová, Ph.D.