

## **NIHES/ESP Fellowship 2021**

### **Erasmus Summer Programme 2021 3 Weeks in Quantitative Medical Research**

**August 9 – 27, 2021**

#### **Erasmus Summer Programme**

In order to give students worldwide the opportunity to get acquainted with cutting-edge knowledge in quantitative medical and health research and to exchange views and experiences with fellow students, faculty and colleagues, the Netherlands Institute for Health Sciences (NIHES) in cooperation with University Medical Center Rotterdam (Erasmus MC) initiated the international renowned Erasmus Summer Programme (ESP) in 1990.

The ESP consists of three consecutive one-week modules that focus on the principles and methods of applied quantitative research in medicine and health care. The key areas covered are: biostatistics, clinical research, epidemiology, health services research and public health research. In 2019, the ESP welcomed almost 450 participants from various disciplines and with different backgrounds from more than 65 countries.

#### **NIHES/ESP Fellowship 2021**

NIHES offers a number of young, talented and motivated students the opportunity to participate in the Erasmus Summer Programme, which will be provided in an online format from August 9 – 27, 2021. Six course packages have been carefully pre-designed in this framework to ensure the courses will seamlessly fit your academic needs:

- Research Training in Principles of Quantitative Research
- Research Training in Current topics in Epidemiology
- Research Training in Public and Global Health
- Research Training in Current topics in Biostatistics
- Research Training in Applied Epidemiology and Biostatistics
- Research Training in Clinical Research

*The fellowships are intended for promising young scientists who aspire to a successful research career, who are interested in obtaining a Master's degree in quantitative medicine or health sciences, and wish to undertake a PhD research project in the (near) future. The fellowship programme is not intended for participants who are currently in a PhD programme or have completed their PhD in the past.*

The NIHES/ESP Fellowships cover tuition fee.

#### **Participants' profile**

Applicants who meet each of the following requirements will be considered for a NIHES/ESP Fellowship:

- You have not attended the Erasmus Summer Programme, Erasmus Winter Programme or NIHES programme - with or without a NIHES fellowship – in the past.
- You do not have a permanent residence in The Netherlands.
- You aspire to a successful research career: you are interested in obtaining a Master's degree in quantitative medicine or health sciences and you wish to undertake a PhD research project in the (near) future.
- You are not currently in a PhD programme, or have completed one in the past.
- You have a good working command in English, both written and oral.
- Recipients of a ZonMw Gender in Research Fellowship are not eligible for a NIHES/ESP Fellowship.

### **Fellowship course packages**

As indicated above, there are six pre-designed course packages, that you may choose from. Please note that we will do our utmost best to place you in the preferred course package, but this is subject to availability. All courses are taught in English by leading international experts and will be taught online.

### **Course packages 2021**

#### **Research Training in Principles of Quantitative Research**

- Week 1 Principles of Research in Medicine and Epidemiology – ESP01  
Introduction to Global Public Health – ESP41  
Week 2 Methods of Public Health Research – ESP11  
Week 3 Practice of Epidemiologic Analysis – ESP65

#### **Research Training in Current Topics in Epidemiology**

- Week 1 Advances in Clinical Epidemiology – ESP77  
Week 2 Causal Inference – ESP48  
Week 3 Causal Mediation Analysis – ESP69

#### **Research Training in Public and Global Health**

- Week 1 Introduction to Global Public Health – ESP41  
Week 2 Methods of Public Health Research – ESP11  
Week 3 Gender and Health – ESP78  
Social Epidemiology – ESP61

#### **Research Training in Current topics in Biostatistics**

- Week 1 Logistic Regression – ESP66  
Week 2 Introduction to Bayesian Methods in Clinical Research – ESP68  
Week 3 Joint Models for Longitudinal and Survival Data – ESP72  
Data Science in Epidemiology – ESP80

#### **Research Training in Applied Epidemiology and Biostatistics**

- Week 1 Logistic Regression – ESP66  
Week 2 Regression Analysis – ESP09  
Week 3 Practice of Epidemiologic Analysis – ESP65  
Data Science in Epidemiology – ESP80

#### **Research Training in Clinical Research**

- Week 1 Advances in Clinical Epidemiology – ESP77  
Week 2 Fundamentals of Medical Decision Making – ESP70  
Week 3 Practice of Epidemiologic Analysis – ESP65

### **Application package**

To submit your application, you need to upload each of the following documents through a link provided on the website:

1. A letter of motivation (max. 400 words!), with a focus on academic excellence and ambitions to pursue a successful research career. Why should we choose you? Also make sure that you explain why you have a particular interest in quantitative research?
2. An extensive curriculum vitae (résumé), including:
  - a list of educational institutes attended + corresponding dates;
  - degree(s) obtained or expected to obtain;
  - work experience + corresponding dates of employment for each position held;
  - research experience + a complete list of publications.
3. A copy of official transcripts of diplomas and reports (lists of grades), translated into English with stamps and/or certification from the institute concerned.
4. Two recent letters of recommendation.
5. A copy of your passport.

**Please note that we only accept and assess complete application packages! We do not accept single documents.**

### **Application Procedure**

If you are interested in applying for the Erasmus Summer Programme – NIHES fellowship, please make sure you meet all the profile requirements. Also, make sure you prepare your application package. A link is provided on the Erasmus Summer Programme website to submit your application.

### **Application deadline**

Monday June 21, 2021

### **Selection procedure**

You will be informed about the outcome of the selection procedure by the second week of July the latest.