



## Summer School of Biological Anthropology SSBA2019



### Research Methods in Human Biology From the Field to the Lab

The European Anthropological Association and Faculty of Biology at the Adam Mickiewicz University in Poznań, Poland are delighted to offer a ten-day summer school on

#### Research Methods in Human Biology From the Field to the Lab

#### Course aim and description

The aim of this summer intensive course is twofold: to provide self-motivated international students and young researchers who are studying human biology with conceptual understandings of various methods and the practical skills to put those methods into their own research work both in the field and the laboratory.

The main objectives of the course are:

- to provide a solid learning and research background for school participants through in depth knowledge and skills on methodology in various human biology areas of research
- to provide full cycle of quantitative and qualitative research projects from choosing a research problem to study, putting proposals for research funds, planning the study, data collection and analysis, reporting and disseminating the study results, learning about research and publication ethics
- to foster an exchange between participants from all over Europe through a mutual interactions among them.

The school will combine two different sets of activities: academic lectures and a practical guide into different research tools and software, individual exercises, and cases. The newly gained competences may then be used to improve school participants' own research effectiveness. School participants are encouraged to use data from their own study.

The programme is divided into 8 days of intensive teaching and work in small groups (6-7 hours per day).

In addition to the academic programme, there will also be plenty of opportunities for social activities. These will include a welcome reception and a farewell celebration, informal meeting, and a visit to local attractions.

Previous editions of the summer school were hosted by Charles University in Prague (the 1st EAA Summer School: Intensive Course in Biological Anthropology, 16-30 June, 2007) and Adam Mickiewicz University, Faculty of Biology (the 2nd EAA Summer School SSBA2017, 12-22 July, 2017).

#### Some of the proposed topics

- The biology of growth and maturation
- Developmental origins of health and disease: critical periods
- Human growth as an indicator of social and economic change
- Research problems and questions
- Study design: observational, cross-sectional, longitudinal, time-lag, case study
- Anthropological measurements and biological samples
- Data management
- Statistical applications
- Research and publication ethics

#### Course outcomes

After completing the course, participants will:

- know and be able to describe variation in normal patterns of human growth
- identify abnormal growth patterns
- understand the mechanisms and physiological pathways that translate growth

- to health outcomes
- be able to put research question arising in the context of the human biology
- be able to use scientific methods in solving research questions
- be able to contribute critically to the implementation of human auxological approach to health outcomes when needed
- be able to implement newly gained knowledge and skills to improve own research effectiveness.

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| <b>Key-note lecturers</b>     | Professors Noël Cameron (Loughborough University, UK) and Nicholas C.G. Mascie-Taylor (Cambridge University, UK), Dr. Irena Martinović Klarić (Institute for Migration and Ethnic Studies, Zagreb, Croatia)   |
| <b>Language</b>               | English   |
| <b>Date</b>                   | From 3rd to 13th July, 2019   |
| <b>Venue</b>                  | Collegium Biologicum, Adam Mickiewicz University, Poznań, Poland  |
| <b>Course duration</b>        | 10 days   |
| <b>Credits</b>                | 3 ECTS  |
| <b>Target group</b>           | Young scholars, graduate, postgraduate, PhD students, and young post-doctoral researchers in human biology, all who are self-motivated and feel the need to refresh, deepen and widen their methodological knowledge and skills in various areas of human biology research can apply for this summer course.  |
| <b>Fee info</b>               | <p><b>EAA members</b><br/>Free of charge (supported by the EAA)</p> <p><b>Non-EAA members</b><br/>250 € (two hundred and fifty EUROS)<br/>Fee includes tuition, course materials, social programme activities and trips, accommodation and full board (breakfast, lunch and coffee breaks)</p> <p><b>Method of payment:</b> Only bank payment<br/>Europejska Asocjacja Antropologiczna, Poznan, Poland<br/>SWIFT: WBKPPLPP<br/>IBAN: PL76 1090 2255 0000 0005 8000 3448<br/>Deadline: May 30, 2019</p> <p><b>Participants are responsible for organizing and paying their own travel costs to the venue of the SSBA</b></p> |
| <b>How to apply</b>           | <p>Three steps of application are as follow:</p> <ol style="list-style-type: none"> <li>1. To fill Application Form. It is available at the EAA website <a href="http://www.eaa.elte.hu">www.eaa.elte.hu</a> a navigation bar SSBA2019.</li> <li>2. To ask the supervisor/professor for recommendation letter.</li> <li>3. To email both pdf documents to prof. Maria Kaczmarek <a href="mailto:makac@amu.edu.pl">makac@amu.edu.pl</a></li> </ol>   |
| <b>Schedule and Deadlines</b> | <p>Call for the SSBA2019 application will be open on 10th March 2019 and close on April 30th 2019.</p> <p>Notification of acceptance to the SSBA2019 will be sent on May 1st 2019.</p> <p>The SSBA2019 fee should be paid to May 31, 2019.</p> <p>Summer School of Biological Anthropology will be held from 3rd July to 13th July 2019.</p>  |
| <b>Course leader</b>          | For any further information please contact prof. Maria Kaczmarek by e-mail: <a href="mailto:makac@amu.edu.pl">makac@amu.edu.pl</a>  |