Curriculum Vitae
István János PhD

PROFESSIONAL INFORMATION

Name	**Dr. István János**
Academic title	PhD
Year and institution of PhD obtained	2013, Faculty of Science and Technology, University of Debrecen
Address	Institute of Environmental Science, College of Nyíregyháza, H-4400 Nyíregyháza, Sóstói út 31/B
Phone	
E-mail	janosi2@zeus.nyf.hu
Personal web page	
Citizenship	Hungarian
Date and place of birth	August 18th 1982, Miskolc, Hungary

WORK EXPERIENCE

Date (from – until)	2006 – present
Institution	Department of Biology (former Institute of Biology), Institute of Environmental Science, College of Nyíregyháza
Position	assistant lecturer
Work field	physical anthropology, palaeodemography, bone chemistry (elemental analysis), lecturing

Date (from – until)	2008 – 2009
Institution	Department of Evolutionary Zoology and Human Biology, Faculty of Science and Technology, University of Debrecen
Position	lecturer as a PhD student
Work field	lecturing Human Biology and Anthropology practices

EDUCATION

Date	2013, PhD in biology thesis "Reconstruction studies on the 10th-13th century populations of the Tiszántúl from palaeodemographic and elemental analytical aspects"
Place	Debrecen, Hungary
Institution	Faculty of Science and Technology, University of Debrecen
Title of qualification awarded	**PhD in biology (physical anthropology)**
Date	2013, MSc in chemistry (teacher education)
Place	Nyíregyháza, Hungary
Institution	Faculty of Science and Informatics, College of Nyíregyháza
Title of qualification awarded	**MSc in teacher of chemistry**
Date	2012, MSc in biology (teacher education)
Place	Debrecen, Hungary
Institution	Faculty of Science and Technology, University of Debrecen
Title of qualification awarded	**MSc in teacher of biology**

Date	2001-2006, biology and ecology studies at University of Debrecen, Faculty of Science and Technology. Thesis: “Craniometrical analysis of the 12th-13th population of Hajdúdorog-Szállásföldek cemetery”
Place	Debrecen, Hungary
Institution	Faculty of Science and Technology, University of Debrecen
Title of qualification awarded	**MSc in biology – specialisation ecology**

LANGUAGES

Hungarian	Mother tongue
English	Independent user
Speaking	Good
Writing	Good
Reading	Good
German	Sufficient knowledge
Speaking	Satisfactory
Writing	Satisfactory
Reading	Good

RESEARCH ACTIVITY

My research focuses on anatomic, demographic changes of past populations (especially those from the 8th- 13th century AD in the Tiszántúl region, Hungary) from physical anthropological point of view. I also investigate how the structure of bones was affected via diagenetic processes postmortem in the soil. I am also trying to discover the main components of nourishment of 10th-century populations predominantly on the basis of the Zn and the Sr concentrations of bones.

2006 – present.

- Analysing 5th-17th-century human skeletal remains excavated in the Tiszántúl region, Hungary, from craniometrical, palaeodemographical and elemental analytical aspects.
- Comparisons between the 10th century pagan and the 11th-13th century mediaeval populations on the basis of the collected anthropological data by using statistical tests. Collaboration with researchers from the University of Debrecen (Debrecen, Hungary), College of Nyíregyháza and András Jósa Museum (Nyíregyháza, Hungary).

2013-2014.

- **Ányos Jedlik predoctoral fellowship** holder (Hungary, TÁMOP 4.2.4. A/2-11-1-2012-0001 „National Excellence Program”). The project was subsidized by the European Union and co-financed by the European Social Fund. Project title: “Biological reconstruction of the historical populations in the Tiszántúl”. The project involved analysing 8th-13th-century populations from physical anthropological (palaeodemography, craniometry) and analytical (X-ray fluorescent spectrometry, atomic adsorption spectrometry and near infrared spectroscopy) aspects.

Main activities:

- morphological sex and the age at death determination of human skeletal remains
- collecting metric data of skeletons (cranium and postcranial skeleton)
- craniometrical analysis
- sample preparation for analytical examination
- measuring with x-ray fluorescent spectrometer
- comparative statistical analysis by using, MS Excel, SPSS, Past and Sigma Plot software packages
- publication

TEACHING

2006 – present. Lecturing various courses (lectures and practices) in undergraduate programs (BSc in biology, BA in infant and early childhood educator, BA in social pedagogy) at College of Nyíregyháza, Hungary. The courses lectured are the followings: Human Biology, Animal Anatomy, Animal Physiology, Immunology.

2008-2009. Lecturing Anthropology and Human Biology practices in graduate programs (biology) at University of Debrecen.

MENTORSHIPS

Undergraduate thesis supervisor – Institute of Environmental Science, College of Nyíregyháza, Nyíregyháza, Hungary.

MEMBERSHIP IN SCIENCE ORGANIZATIONS

2010- present. European Anthropological Association

2007- present. Anthropological Section, Hungarian Biological Society

COMPUTER SKILLS

Competent with MS Office, PhotoScape, SPSS, Past and Sigma Plot software packages.

OTHER IMPORTANT SKILLS AND COMPETENCES

General skills in research project management and data analysis.

Writing papers and reports.

Basic knowledge in molecular biology.

Knowledge in physical anthropology (palaeodemography, craniometry, morphology).

Ability to work in team.

Willing to learn new techniques and procedures.

ADDITIONAL INFORMATION AND NOTES

2006 – present. Oral and poster presentations in numerous inland and international congresses. Publication in Hungarian and international scientific journals.

2005 – present. Participated in anthropological analysis of skeletal remains (more thousands of skeletons) derived from over 12, 5^{th}-17^{th}-century sites in Hungary.

KEY PUBLICATIONS

Molnar, M, **Janos, I**, Szűcs, L, Szathmáry, L (accepted for publication): Artificially deformed crania from the Hun-Germanic period (5th-6th century AD) in northeastern Hungary: historical and morphological analysis. *Neurosurgical Focus*, **IF: 2,487 (2012)**

János, I, Szathmáry, L, Lajos, Hüse (accepted for publication): Pagan-Christian Change in Northeastern Hungary in the 10th-13th Centuries AD - a Palaeodemographic Aspect. *Collegium Antropologicum* **IF: 0,61 (2012)**

János, I, Szathmáry, L, Nádas, E, Béni, Á, Dinya, Z, Máthé, E (2011): Evaluation of elemental status of ancient human bone samples from Northeastern Hungary dated to the 10th century AD by XRF. *Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms*. 269: 2593-2599. **IF: 1.211 (2011)**

János, I, Szathmáry, L, Hüse, L (2009): Demographic comparison of skeletal populations in Northeastern Hungary dated to the 10^{th}-13^{th} c. AD. *Vth International Congress of Ales Hrdlicka*, Praha, Humpolec, Czech Republic, September 2-5, 2009. Abstract