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Research Interests

As a physical anthropologist my broad research field is prehistoric bioarchaeology of the Balkans, and exploring social, biological and environmental influences to human anatomy. More specifically, I want to understand biocultural causes for human demographic success during prehistory, paradox of our species with dangerous and risky delivery. I'm exploring skeletal paleoobstetric evidences, neonatal growth and development, role of macro and micronutrients in reproductive success and health, but also possible archaeological indicators of community concern for birthing and baby care. By connecting different scientific fields I would like to create a new research field bioarchaeology of fertility in order to investigate biological and cultural mechanisms connected to fertility rate. Bioarchaeology investigates human past, however I am motivated to transform it to a discipline which will employ the huge potential of ancient skeletal heritage in the study of biological phenomena relevant to modern people – e.g. the study of fertility and foetal development. Ancient skeletal remains await on this new horizon as a vast unread library and as valuable biological heritage of ancient humans. If we change the way we perceive and study our biological heritage, and shift the focus of study from reconstructing the past to resolving current biological issues, our research may lead to new knowledge of utmost significance for present humanity.

• EDUCATION

2006 PhD in Physical Anthropology

Interdisciplinary Board of Anthropology, Faculty of Philosophy, University of Belgrade, Serbia

2000 MSc in Physical Anthropology

Interdisciplinary Board of Anthropology, Faculty of Philosophy, University of Belgrade, Serbia

1995 BA in Archaeology

Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

- **POSITIONS**

2012 – to present Associate Professor

Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

2011 – to present Affiliated Professor

Faculty of Geography, Department of Demography, University of Belgrade, Serbia

2007 – 2012 Assistant Professor

Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

2002 – 2007 Research Assistant

Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

1997 – 2002 Teaching Assistant

Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

1996 – 1997 Research Assistant

Institute for Architecture and Urbanism, Belgrade, Serbia

- **FELLOWSHIPS**

2007 Post-doctoral Fellowship, Ministry of Science and Technological Development, Serbia

St John's College, McDonald Institute for Archaeological Research, University of Cambridge

2001 – 2002 Alexander von Humboldt Foundation PhD fellowship

Institute for Prehistory and Early History, Heidelberg University, Germany

1995 – 1997 Ministry of Science and Environmental Protection, Serbia, MSc Scholarship

- **SUPERVISION OF GRADUATE AND POSTGRADUATE STUDENTS**

2007 – 2014 Supervision of 23 BA students

Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

2008 – 2011 Member of 17 PhD, Msc and MA degree committees

2009 – 2013 MA Supervisor: Marija Radović (2009), Ilija Mikić (2009), Jelena Jovanović (2011), Dragana Vulović (2011). Current: Ružica Arsić, Marija Krečković, Marija Marin

2009 – 2014 PhD Supervisor: Marija Radović (2012). Current: Jelena Jovanović, Camille de Becdelievre (Marie Curie ITN Fellow), Lidija Milašinović, Bojana Mihailović, Dragana Vulović

- **TEACHING ACTIVITIES**

1997 – 2014 Undergraduate and postgraduate courses: Physical Anthropology, Bioarchaeology, Human Evolution, Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

2011 – 2014 Undergraduate course in Anthropology, Department of Demography, Faculty of Geography, University of Belgrade, Serbia

- **ORGANIZATION OF SCIENTIFIC MEETINGS**

2013 – 2015 Member of the organization committee for *The Ninth International Conference on the Mesolithic in Europe*, MESO2015, Serbia (meso2015.com)

2014 Session organizer, 20th Annual Meeting of the European Association of Archaeologists, session *Bioarchaeology of Fertility: a new approach in the understanding of population growth during prehistory*, Turkey

2013 Workshop organizer, *Understanding fertility during the Mesolithic-Neolithic in the Danube Gorges –Bioarchaeological approach*, PERFET project workshop, Serbia

2012 Workshop organizer, *A short walk from Anatolia to the Balkans*, BEAN project Kickoff Meeting, Serbia

- **INSTITUTIONAL RESPONSABILITIES**

2010 – 2014 Head of the MA study program, Department of Archaeology, Faculty of Philosophy, University of Belgrade, Serbia

2009 – 2012 First ECTS Coordinator of the Faculty of Philosophy, setting the rules for ECTS transfer

2009 – 2012 President of the Faculty Commission for Science

- **COMMISSIONS OF TRUST**

2013 – 2014 Member of UISPP (International Union for prehistoric and protohistoric sciences) Scientific Commission – *Holocene hunter-gatherers in southern Europe and the Mediterranean basin*

2012 Member of the Heritage Assessment Interministerial Group for Serbian Heritage Assessment Report (HAR), Council of Europe

2012 – 2014 President of the Board of the University Foundation Veselin Lučić

2008 – 2010 Consultant for cultural heritage, Rio Tinto in Serbia

- **PROJECTS** (ongoing)

2011–2014 *Bioarchaeology of Ancient Europe: people, animals and plants in the prehistory of Serbia*, Principal Investigator (Ministry of Education, Science and Technological development, Serbia, project IDIII47001)

2012 –2015 *BEAN: Bridging the European and Anatolian Neolithic: Demography, migration, and lifestyle at the advent of civilisation*, Principal Investigator of the Serbian team (Marie Curie ITN, project ID 289966).

2013–2014 *PERFET Prehistoric fertility: duration of lactation during the Mesolithic and Neolithic in the South Eastern Europe*, Principal Investigator of the Serbian team (bilateral project-CNRS and Ministry of Education, Science and Technological development, Serbia)

- **SCIENCE AND SOCIETY**

PROJECTS 2003 – 2006 Initiator and board member of the project *Kikinda Mammoth* (RSEDP, Regional Socio-Economic Development Programme), which transformed a mammoth skeleton into a quality tourist offer and made the National museum of Kikinda one of the leading museum institutions in Serbia; 2003 – 2005 *Archaeology as a teaching tool for the development of scientific literacy in children* (project leader, Ministry of Science and Environmental Protection, Serbia); 2010 – 2012 *Archaeological trench for children*(Faculty of Philosophy, Serbia);

EXHIBITIONS: *What Do Ancient Bones Tell Us* (Museum Night, Belgrade 2011), *A Day in the Life of a Prehistoric Person* (Center for Promotion of Science, Ministry of Culture, Science Festival, Belgrade 2012);

MEDIA: work in the field of physical anthropology was presented in two archaeology documentary movies, *Back to Vlasac* (2009) and *Asleep in time* (2011)

BIBLIOGRAPHY

Monographs

Stefanović, S. 2012. *Syphilis controversy : treponemal infection in European prehistory* (in Serbian). Belgrade: Faculty of Philosophy.

Stefanović, S. 2008. *Labour, gender and status in the Bronze Age: skeletal evidence of physical activities from the Mokrin necropolis* (in Serbian). Belgrade: Faculty of Philosophy.

International peer-reviewed journals

Borić, D., French, C.A.I., Stefanović, S., Dimitrijević, V., Cristiani, E., Gurova, M., Antonović, D., Allué, E.A., and Filipović, D. 2014. The Mesolithic life and death at Vlasac (Serbia). *Journal of Field Archaeology* 39.1: 4-31.

Stefanović, S., Porčić, M. 2013. Between-group Differences in the Patterning of Musculo-skeletal Stress Markers: Avoiding Confounding Factors by Focusing on Qualitative Aspects of Physical Activity. *International Journal of Osteoarchaeology* 23: 94-105.

Radović, M., Stefanović, S. 2013. The bioarchaeology of the Neolithic transition: evidence of dental pathologies at Lepenski Vir (Serbia) *Documenta Praehistorica* XL: 75-83.

Nehlich, O. Borić, D., Stefanović, S., Richards, M. 2010. Sulphur isotope evidence for freshwater fish consumption: a case study from the Danube Gorges, SE Europe. *Journal of Archaeological Science* 37: 1131-1139.

Porčić, M., Stefanović, S. 2009. Physical activity and social status in Early Bronze Age society: The Mokrin necropolis. *Journal of Anthropological Archaeology* 28: 259-273.

Borić, D., Raičević, J. Stefanović, S. 2009. Mesolithic cremations as elements of secondary mortuary rites at Vlasac (Serbia). *Documenta Praehistorica* XXXVI: 247-282.

Stefanović, S. 2006. The Domestication of human birth. *Documenta Praehistorica* XXXIII: 574-581.

Borić, D., Stefanović, S. 2004. Birth and death: infant burials from Vlasac and Lepenski Vir. *Antiquity* 78:582-601.

Book chapters

Borić, D., Radović, M., Stefanović, S. 2012. Mesolithic-Neolithic Transformations: The Populations of the Danube Gorges. In: *Sickness, Hunger, War, and Religion: Multidisciplinary Perspectives*. Eds. M. Harbeck, K. von Heyking, and H. Schwarzberg, RCC Perspectives, Issue 3, Munich 2012, p.25-40.

Pinhasi, R., Stefanović, S., Papathanasiou, A., & Stock, J.T. 2011. Variability in long bone growth patterns and limb proportions within and among Mesolithic and Neolithic populations from southeast Europe. In Pinhasi, R., & Stock, J.T. eds. *Human Bioarchaeology of the Transition to Agriculture*. Wiley-Liss. p. 177-202.

Stefanović, S. 2008. Late Neolithic Boys at the Gomolava Cemetery (Serbia). In *Babies Reborn: Infant/child burials in pre- and protohistory*, ed. By K. Bacvarov. B.A.R. International Series, Oxford.

Stefanović, S., Borić, D. 2008. The newborn infant burials from Lepenski Vir: In pursuit of contextual meanings, in C. Bonsall et al. (eds.) *The Iron Gates in Prehistory: New perspectives* (BAR Int. Ser.1893): pp. 131-169. Oxford: Archaeopress.

Čuljkovic, B. Stefanović, S., & Romac, S, 2008. DNA-based sex identification of the infant remains from Lepenski Vir, in C. Bonsall et al. (eds.) *The Iron Gates in Prehistory: New perspectives* (BAR Int. Ser. 1893): pp. 170-174. Oxford: Archaeopress.

Stefanović, S. 2006. Animal canines as possible symbol of rank in Early Bronze Age Mokrin, in: *Structural and Semiotic Investigations in Archaeology*, ed. A. V. Yevglevsky. Donetsk: Donetsk University Press. pp.488-494.

Articles in Serbian

Стефановић, С. 2012. Скелетни остаци древних људи на Ђердапу. У Б. Михаиловић (ур.) Водич кроз културу Лепенски вир. Народни музеј у Београду, Београд, 151-157.

Stefanović, S., Jovanović, J. 2013. Skeletni pokazatelji napornog fizičkog rada na antičkoj nekropoli u Remesijani. U: D. Nikolić, A. Đorđević I M. Todorović (Ur.) *Zbornik radova 1700 godina Milanskog edikta*. Pravni fakultet Univerziteta u Nišu, Niš. 825-844.

Tripković, B., Tripković, A. Stefanović, S. Dimitrijević, V. 2010. Context A.C.21. at the site Crkvine (on Serbian). *Kolubara* 5:251-259.

Stefanović, S., Dimitrijević, V. 2007. Grave 196 at the necropolis in Mokrin: a woman buried with a pig's head (on Serbian). *Glasnik Srpskog Arheološkog društva* 23: 417-428.

- Stefanović, S. 2007. Belgrade Neanderthal (?): A fossil skull from 1890 (on Serbian), *Zbornik radova Odeljenja društvenih nauka* 62, Valjevo: Istraživačka stanica Petnica., 58-65.
- Stefanović, S. 2006. Human rib as a pendant at the Early Bronze Age necropolis in Mokrin. *Glasnik Srpskog Arheološkog društva* 22: 243-251.
- Stefanović, S. 2006. Anthropological analysis of skeletal remains from late antique tomb in Remesiana. *Glasnik Srpskog Arheološkog društva* 22: 391-408.
- Stefanović, S. 2005. Cremated human bones from Šarkamen, In: *Šarkamen (Eastern Serbia) : a tetrarchic imperial palace - the memorial complex*. Archaeological Institute: Belgrade.,pp. 99-105.
- Stefanović, S., Miladinović, N., Dimoski, N. 2005. Analysis of dental material from Singidunum necropolis: caries during the period of Great migration (on Serbian), *Singidunum* 4: 147-169.
- Stefanović, S. 2003. Importance of bipedalism in human evolution (on Serbian). *Zbornik radova naučnog skupa Put i putovanje u umetnosti kulturi*. Filološki fakultet Beograd: 221-228.
- Stefanović, S. 2002. Necropolis of Great Migration from Singidunum: anthropological analysis, *Singidunum* III: 159-178.
- Čuljković, B., Stefanović, S., i Romac, S. 2002. Molecular anthropology: possibility of PCR application (on Serbian), *Glasnik Srpskog Arheološkog društva* 18:249-262.
- Čuljković, B., Stefanović, S., Romac, S. 2002. PCR in physical anthropology-determination of sex (on Serbian). *Zbornik radova sa I simpozijuma antropologa Republike Srbije*, Banja Luka, st.56-67.
- Đurić-Srejić, M., Stefanović, S. 1999. Bericht zur anthropologischen analyse eines eisenze skeletts an der fundestelle Jaša Tomić, *Starinar* XLIX: 39-50.
- Stefanović, S. 1999. Infant skeletons in paleodemographic research (on Serbian), *Glasnik Srpskog Arheološkog društva* 15: 307-317.
- Đurić-Srejić, M., Stefanović, S. 1998. Dental paleopathology in medieval population from Gračanica near Valjevo (on Serbian), *Srpski arhiv za celokupno lekarstvo* 126: 430-436.
- Đurić-Srejić, M., Nikolić, V., Stefanović, S., Kelečević, J., Đonić, D. 1997. Anthropological study of skeletal remains from necropolis Gračanica, *Glasnik Srpskog Arheološkog društva* 13:232-240.
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Conference presentations

Stefanović, S. 2013. Treponemal infections in the Danube Gorges (9500-5500BC)- evidence from newborns. *Abstract book of 150th anniversary of the discovery of the Mesolithic shellmiddens "Muge 150th"*, 40-41.

Radović, M., and Stefanović, S. 2013 Non-masticatory Use of Teeth and Musculoskeletal Stress during Mesolithic-Neolithic Transition at Lepenski Vir (Serbia). *Abstract book of 150th anniversary of the discovery of the Mesolithic shellmiddens "Muge 150th"*, 40-41.

de Becdelievre, C. Stefanović, S. Jovanović, J. 2013. Mobility during the Mesolithic and the Neolithic in the Danube Gorges (Balkans, 9500-5500). *Abstract book of 150th anniversary of the discovery of the Mesolithic shellmiddens "Muge 150th"*, 40-41.

Stefanović, S., de Becdelievre, C. Porčić, M., Jovanović, J. 2013. Bioarchaeology of Fertility: A New Approach in Understanding of Population Increase in Prehistory, *20th Neolithic Seminar: Changing Paradigms for Interpreting the Transition to Neolithic in Eurasia*, Ljubljana, 8-9. November 2013.

de Becdelievre, C., Jovanović, J. Porčić, M., Stefanović, S. 2013. Paleodemography of the Danube Gorges Mesolithic-Neolithic: comparing skeletal evidence and summed radiocarbon probability distributions, *19th EAA Annual Meeting*, Pilsen, 4-8 September, 2013.

Stefanović, S., Jovanović, J. 2013. *Međunarodni naučni skup „1700 godina Milanskog edikta“*, 16 – 17. maj 2013. godine, Niš, Srbija. Zbornik sažetaka: 57.

Christiani, E., Radović, M., and Stefanović, S. 2013. Mesolithic – Early Neolithic gender-related tasks at Lepenski Vir revealed by use-wear traces and non-masticatory wear on human teeth. *20th Neolithic Seminar "Changing Paradigms for Interpreting the Transition to Neolithic in Euroasia"*, Friday 8th – Saturday 9th November 2013, Ljubljana, Slovenia. Abstract book: 15.

Stefanović, S., Jovanović, J. 2013. Rerum rusticarum-skeletni pokazatelji napornog fizičkog rada na antičkoj Remesijani. *Naučni skup 1700 godina Milanskog edikta*. Niš, 16.-19.05.2013. Zbornik sažetaka: 57.

Stefanović, S. 2012. Cultural Heritage: A Driving Force for the Western Balkans? *How does Higher Education Remain Relevant in a Changing World?* European Commission, TAIEX Dubrovnik 20-21. November 2012.

Stefanović, S. 2011. Treponemal infection: Possible cases from the Mesolithic and Neolithic at the Danube Gorges. *Sickness, Hunger, War, and Religion*, Society for Anthropology's Working Group for Paleoanthropology and Prehistoric Anthropology, Munich, 2011.

- Radović, M., Pajević, T., Stefanović, S., Glišić, B. 2010. Teeth as Tools in the Danube Gorges Mesolithic: Evidence From Abrasion of Teeth. *Abstract book of The Eighth International Conference on the Mesolithic in Europe*, 5-6.
- Stefanović, S. 2010. Work ethic in prehistory: physical activities of Mesolithic children at the Danube Gorges. *8th international conference on the Mesolithic in Europe*, Santander 2010.
- Stefanović, S., Porčić, M. 2009. Muscles in transition- changing bodily activities from the Mesolithic to the Neolithic in the Danube Gorges. *Body Histories Conference*, Department of Archaeology, University of Cambridge
- B. Tripković, A. Živanović, S. Stefanović, V. Dimitrijević. 2009. Jama AC 2.1 na lokalitetu Crkvine-Mali Borak: stratigrafija, nalazi i značaj, *32. godišnji skup Srpskog arheološkog društva*, Zrenjanin 2009.
- Stefanović, S. 2006. Late Neolithic Boys at Gomolava Necropolis (Serbia). *UISPP XV Congress Book of Abstracts: Lisbon*, pp. 6.
- Stefanović, S. 2005. Domestication of human birth, *13th Neolithic Seminar*, Ljubljana, November 2005.
- Stefanović S. 2001. Trepanned individuals from the Early Bronze Age Mokrin. 2001. *7th Annual meeting of the European Association of Archaeologists*, Esslingen, 2001.
- Čuljković B, Stefanović S, Romac S. 2000. DNA-based sex identification of the infant remains from Lepenski Vir. International conference at the Department of Archaeology, University of Edinburgh, 31 March-2 April 2000.
- Stefanović S, Borić D. 2000. New-borns' burials underneath house floors at Lepenski Vir: in pursuit of a contextual meaning. International conference at the Department of Archaeology, University of Edinburgh, 31 March-2 April 2000.
- Čuljković B, Stefanović S, Romac S. 2000. Upotreba PCR-a u fizičkoj antropologiji-utvrđivanje pola, *Simpozijum antropologa Republike Srpske*, Teslić, 2000.
- Stojković O, Čuljković B, Major T, Stefanović S, Romac S. 1998. Molekularna arheologija-nov pristup rekonstrukciji prošlosti. Kotor 4-7 Jun 1998.
- Čuljković B, Stojković O, Major T, Stefanović S, Romac S. 1998. Analiza DNK molekula u arheološkim uzorcima. *Godišnji skup Srpskog arheološkog društva*. Subotica 2-4 Jun 1998.
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Stefanović S. 1998. Antropološka analiza srednjovekovne nekropole Horgoš-Crkvine. Godišnji skup Srpskog arheološkog društva. Subotica 2-4. jun 1998.

Čuljković B, Stojković O, Vojvodić N, Kostić V, Stefanović S, Romac S. 1998. Komparativna analiza CAG tripleta u genu za Huntingtonovu bolest u populacijama na tlu Jugoslavije pre 600 godina i danas". *Stremljenja i novine u medicini. XXVII Simpozijum*. Medicinski Fakultet u Beogradu 7-11. decembar 1998.
