

PERSONAL
INFORMATION**Smilja Teodorović, PhD, Associate Professor**

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✉ smilja.teodorovic@kpu.edu.rs

Sex Female | Date of birth 1977 | Nationality Serbian

WORK EXPERIENCE

February 2016 - Present

Associate Professor (Genetics)

Department of Forensic Sciences, University of Criminal Investigation and Police Studies, Serbia

- Main courses taught or co-taught: Genetics and genetic engineering, Biotechnology, Biometric identifications, Bioterrorism
- Educational levels taught: bachelor's, master's and doctoral
- Head of the Genetics section -mentors undergraduate and graduate students throughout experimental and theoretical thesis work

January 2010 - January 2016

Assistant Professor

Department of Forensic Sciences, Academy of Criminalistic and Police Studies, Serbia

- Courses taught or co-taught: Biometric identifications, Forensic scientist and forensic laboratories, Bioterrorism
- Educational levels taught: bachelor's and master's
- Mentors graduate students throughout experimental and theoretical thesis work

January 2008 - January 2010

Consultant

SAP West Balkans d.o.o., Belgrade, Serbia

- Implementation of Hospital Information Systems with the focus on Patient Management
- Worked on large, international projects (Romanian Ministry of Health, Czech Republic, etc.)

February 2016- Present

Postdoctoral Fellow

Biology Department, Georgetown University, Washington DC, US

- Designated as a technical lead for the project to initiate, direct and execute studies on antisense transcription in the infectious disease agent *Giardia lamblia*.
- Research topics include the role of epigenetic mechanisms (DNA methylation) in antisense transcription and fate (localization, abundance, etc.) of antisense transcripts in *Giardia lamblia*.
- Responsible for supervising, designing, implementing, monitoring and evaluating all aspects of biomedical research pertinent to the human pathogen *Giardia lamblia*.
- Authors grant proposals and articles for publication in peer-reviewed scientific journals.
- Disseminate research findings in various public fora through participation in national and international conferences.
- Manage, supervise and mentor graduate and undergraduate students and laboratory staff.
- Oversee daily activities and ensure smooth running of the laboratory.

June 2006 – July 2006

Co-Instructor

Howard Hughes Summer Course, Biology Department, Georgetown University, Washington DC, US

Sept 2001 – Dec 2006

Graduate Researcher

Biology Department, Georgetown University, Washington DC, US

- Performed research on multidisciplinary projects, involving microbiology, molecular biology, bioinformatics and population genetics, to examine gene expression regulation and genetic diversity in *Giardia lamblia*.
- Demonstrated ability to publish manuscripts in peer-reviewed scientific journals and receive funding through writing grant proposals.
- Presented research findings at national and international conferences on biomedical research.
- Extensive experience in conducting literature searches, reviews and syntheses.
- Substantially employed informatics tools and quantitative analysis in studies of the human pathogen *Giardia lamblia*.
- Conceptually developed bioinformatics projects and collaborated with software developers to create algorithms for solving biological questions of interest:

September 2001- June 2003

Teaching Fellow

Biology Department, Georgetown University, Washington DC, US

- Courses taught: Genetics, Molecular biology, Microbiology

EDUCATION AND TRAINING

September 2001 – December 2006

Ph.D. in Biology with Distinction

Biology Department, Georgetown University, Washington DC, US

- Thesis Title: “Opposites Attract: Scarce Genetic Diversity and Abundant Transcription in the Early Diverging Protozoan Parasite *Giardia lamblia*”

September 1999 – June 2001 **Bachelor of Science in Biology (Cum laude)**
 Virginia Polytechnic Institute and State University, Blacksburg, VA, US
 ▪ Microbiology and Immunology Concentration

September 1996 – May 1999 **Medical Student**
 University of Belgrade, Belgrade, Serbia

PERSONAL SKILLS

Mother tongue(s) Serbian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

Communication skills

- Good oral communication skills gained through participation in large international scientific projects, consultancy experience in multi-national teams also involving client interaction, presentations at US and international scientific conferences.
- Good written communication skills gained through authoring grant proposals and articles for publication.

Organisational / managerial skills

- Leadership – Head of the Genetics Section: manages, supervises and mentors students, assigns projects and tasks, oversees daily activities and ensures smooth running of the laboratory.

Job-related skills

- Experience as an Editorial board member for a scientific journal (“Journal for Criminalistics and Law”)
- Experience as an Editorial board member for an international scientific conference (“Archibald Reiss Days”)
- Experience in reviewing scientific papers for an international journal/conference
- Annual guest lecturer for a course segment – Microbiology Department, Faculty of agriculture, University of Belgrade

Computer skills

- Microsoft Office
- Biologically relevant software (Sequencher, Clone Manager, DnaSP, MEGA, RDP, eBURST)
- Bioinformatics (Genomics and Transcriptomics)
- SAP modules for healthcare

Driving licence B

ADDITIONAL INFORMATION

Publications (max. 10 references)

1. **Teodorović, S.**, Mijović, D., Nenadić, U. R., & Savić, M. (2017). Attitudes regarding the national forensic DNA database: Survey data from the general public, prison inmates and prosecutors' offices in the Republic of Serbia. *Forensic Science International: Genetics*, 28, 44-51.
2. **Teodorović, S.**, Jović, B. & Raičević, V. (2017). The Role of Microorganisms as Crime-fighting Tools in Modern Day Forensic Science. In *proceedings of the International conference Archibald Reiss Days*, Belgrade, Serbia, pp. 329-339. (ISBN 978-86-7020-190-3)
3. Vujović, B., **Teodorović, S.**, Rudić, Ž., Božić, M., & Raičević, V. (2016). Phenotypic heterogeneity of *Pseudomonas aeruginosa* isolates in the protected nature park "Palić" (Serbia). *Water Science and Technology: Water Supply*, 16 (5): 1370-1377.
4. Hamidović, S., **Teodorović, S.**, Lalević, B., Jovičić-Petrović, J., Kiković, D. & Raičević, V. (2016). Bioremediation potential assessment of plant growth-promoting autochthonous bacteria: a lignite mine case study. *Pol J Environ Stud*, 25(1): 113-119
5. **Teodorović, S.**, Vujović, B. & Raičević, V. (2016). Microbial Environmental Forensics: Molecular Microbiology Approaches to Water Safety Issues in the Republic of Serbia. In *proceedings of the International conference Archibald Reiss Days*, Belgrade, Serbia, pp. 539-546. (ISBN 978-86-7020-358-7)
6. Vujović, B., Raičević, V., **Teodorović, S.** Molecular characterization of soil *Pseudomonas aeruginosa* populations from the Balkans and their putative role as biocontrol agents in agriculture. *State-of-the-Art Technologies: Challenge for the Research in Agricultural and Food Sciences*, Belgrade, Serbia, April, 2016
7. Vučurović, A., Vučurović, I., Stanković, I., Bulajić, A., Nikolić, D., **Teodorović, S.** & Krstić, B. (2015). First Report of Garlic common latent virus Infecting Garlic in Serbia. *Plant Disease*, 99(6): 894.
8. **Teodorović, S.** & Uzelac, B. (2015). Genetic basis of aggression: overview and implications for criminal proceedings. *Rom J Leg Med*, 23(3) 193-202.
9. **Teodorovic, S.**, Walls, C.D. & Elmendorf, H.G. (2007). Bidirectional transcription is an inherent feature of *Giardia lamblia* promoters throughout the genome. *Nucleic Acids Research*, 35(8):2544-2553.
10. **Teodorovic, S.**, Braverman, J.M. & Elmendorf, H.G. (2007). Unusually low levels of genetic variation among *Giardia lamblia* isolates. *Eukaryotic Cell*, 6(9):1421-1430.

Projects

2013-2016	<p>International</p> <p>Project: "Advancing Research in Agricultural and Food Sciences at Faculty of Agriculture University of Belgrade (AREA)"</p> <p>Role: Recruited as an experienced researcher from abroad in the area of molecular biology</p> <p>Awarded to: Professor Radmila Stikić, University of Belgrade</p> <p>Awarded by: Seventh Framework Programme (FP7), European Commission, Project no. 316004</p>
2001-2007	<p>Project: "Transcriptional Regulation in <i>Giardia lamblia</i>"</p> <p>Role: Team member</p> <p>Awarded to: Professor Heidi Elmendorf, Georgetown University</p> <p>Awarded by: National Institutes of Health, US, Project no. 1R01AI/GM48922</p>

National

- 2015-
Project: **“Forensic Science Methods in Criminalistics”**
Role: Team member
Awarded to: Academy of Criminalistic and Police Studies
Awarded by: Ministry of Interior of the Republic of Serbia
- 2012-2015
Project: **“Crime Scene Investigation”**
Role: Team member
Awarded to: Academy of Criminalistic and Police Studies
Awarded by: Ministry of Interior of the Republic of Serbia
- 01/2011-
Project: **“Innovations in Forensic Science Methods”**
Role: Team member
Awarded to: Academy of Criminalistic and Police Studies
Awarded by: Ministry of Education, Science and Technological Development
- 2010-2012
Project: **“Legal Aspects of Forensic Science Methods Applied in Criminalistics”**
Role: Team member
Awarded to: Academy of Criminalistic and Police Studies
Awarded by: Ministry of Interior of the Republic of Serbia

Grants

- 06/2005 **“Pilot Research Project Grant”** (with Professor Heidi Elmendorf), Georgetown University
- 06/2003 **“Grant-in-Aid of Research Fellowship”**, Sigma Xi

Honours and awards

- 12/2006 **Ph.D. Dissertation Defense with Distinction**, Georgetown University
- 02/2006 **American Society for Microbiology Student Presentation Award**, Center for Infectious Disease, Georgetown University
- 09/2005-06/2006 **Dissertation Fellowship Award**, Graduate School of Arts and Sciences, Georgetown University
- 06/2001 **Cum laude**, Virginia Polytechnic Institute and State University