







## PERSONAL INFORMATION

## Jasmin Suljagic



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 jasmin.suljagic@untz.ba  
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Sex Male | Date of birth 25/05/1981 | Nationality Bosnian-Herzegovinian

## WORK EXPERIENCE

## Present Assistant professor / Docent / PhD

University of Tuzla, Faculty of Technology  
University Street 8., 75 000 Tuzla (Bosnia and Herzegovina)  
[http://www.tf.untz.ba/naucne\\_oblasti/naucna\\_oblast\\_OH.htm](http://www.tf.untz.ba/naucne_oblasti/naucna_oblast_OH.htm)

- preparation and performing of lectures and exercises
- preparation process and professional guiding the teaching laboratory and computation analysis for students (Organic Chemistry, Chemistry of Natural compounds, Macromolecular Chemistry, Biochemistry, Stereochemistry)
- preparing scientific-teaching process
- participating in maintenance of teaching in accordance with the syllabus
- working on personal professional development
- participation in the committees and expert's bodies of the faculty and of the University

Business or sector Education / Department of Organic Chemistry

## 17/03/2009–03/09/2014 Senior Research Assistant

University of Tuzla, Faculty of Technology  
University Street 8. BA-75 000 Tuzla (Bosnia and Herzegovina)  
[http://www.tf.untz.ba/naucne\\_oblasti/naucna\\_oblast\\_OH.htm](http://www.tf.untz.ba/naucne_oblasti/naucna_oblast_OH.htm)

- preparation and performing of exercises under the professional supervision of teachers
- preparation process and professional guiding the teaching laboratory and computational analysis for students (Organic Chemistry, Chemistry of Natural compounds, Macromolecular Chemistry, Biochemistry, Stereochemistry)
- assisting teachers in preparing scientific-teaching process
- participating in maintenance of teaching in accordance with the syllabus
- working on personal professional development
- participation in the committees and expert's bodies of the faculty and of the University

Business or sector Education / Department of Organic Chemistry

## 21/09/2005–16/03/2009 Resrach Assistant

University of Tuzla, Faculty of Technology  
University Street 8. BA-75 000 Tuzla (Bosnia and Herzegovina)  
[http://www.tf.untz.ba/naucne\\_oblasti/naucna\\_oblast\\_OH.htm](http://www.tf.untz.ba/naucne_oblasti/naucna_oblast_OH.htm)

- preparation and performing of exercises under the professional supervision of teachers

- preparation process and professional guiding the teaching laboratory and computational analysis for students (Organic Chemistry, Chemistry of Natural compounds, Macromolecular Chemistry, Biochemistry, Stereochemistry)
- assisting teachers in preparing scientific-teaching process
- participating in maintenance of teaching in accordance with the syllabus
- working on personal professional development
- participation in the committees and expert's bodies of the faculty and of the University

Business or sector Education / Department of Organic Chemistry

## EDUCATION AND TRAINING

03/09/2008–06/05/2013

### PhD

University of Tuzla, Tuzla (Bosnia and Herzegovina)

01/10/2005–10/07/2008

### Master of Natural Science in Chemistry

EQF level 8

University of Tuzla, Tuzla (Bosnia and Herzegovina)

Thesis title "Electrostatic Contribution to Stability and Synergism in Binary Surfactant's Systems"

Physical chemistry, Biochemistry, Environmental chemistry, Organic and Inorganic chemistry, Instrumental analysing, Mathematics, English language, Office programs, Radiochemistry, Analytical chemistry, Spectroscopic methods, Laboratory practice

01/10/2000–13/01/2005

### Bachelor of Natural Science in Chemistry

EQF level 6

University of Tuzla, Faculty of Science, Tuzla (Bosnia and Herzegovina)

Physical chemistry, Biochemistry, Environmental chemistry, Organic and Inorganic chemistry, Instrumental analysing, Mathematics, English language, Office programs, Radiochemistry, Analytical chemistry, Spectroscopic methods, Laboratory practice

01/09/1996–25/05/2000

### Graduation of General High School

EQF level 5 / ISCED 4

General High School Tuzla (General High School) Muharema M. Fizovic 1., 75 0, Tuzla (Bosnia and Herzegovina)

All the principal subjects (mathematics, languages, chemistry, physics, biology, history, geography, art, sports, etc.)

01/09/1988–25/05/1996

### Graduation from Primary School

EQF level 4 / ISCED 3

Primary School Banovici (Primary School) Omladinskih radnih brigada bb, Banovici (Bosnia and Herzegovina)

All the principal subjects (mathematics, languages, chemistry, physics, biology, history, geography, art, sports, etc.)

## PERSONAL SKILLS

Mother tongue(s)

Bosnian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
German	A2	A2	A2	A2	A2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user  
[Common European Framework of Reference for Languages](#)

**Organisational / managerial skills** A team player who is able to contribute to project objectives while at the same time making a strong individual contribution, having the ability to analyse and improve key processes.

#### Computer skills

Operating systems: MS-Windows (2000, XP, Vista, Windows 7)  
 Software: MS-Office 2010, Corel Draw x3, Microsoft Visio, Network, Web design, etc.

**Other skills** Team spirit and work; Mediating skills; Intercultural skills. Communication; Creativity; Accuracy; Reliability; Capacity of Organization; Leadership, Dynamism, Personal trust; Honesty and responsibility; Proactive; Dedication and work ethics in the conduct of business.

Experimental techniques, Safety Training, Pedagogue and Education Training  
 Operating systems: MS-Windows (2000, XP, Vista, Windows 7)  
 Software: MS-Office 2010, Corel Draw x3, Microsoft Visio, Network, Web design, etc.  
 Music and movie. Basketball (15 years of active, successful training and playing with great results)  
 Training in special scientific topics, postgraduate study, scientific research  
 Working on a doctoral dissertation

**Driving licence** B1, B, BE

#### ADDITIONAL INFORMATION

**Citations** Name: **Postdoctoral grant**  
 Period: January – October 2016  
 Place: Bologna, Italy  
 Institution: Department of Chemistry at Alma Mater University of Bologna  
 Title: Postdoctoral researcher, **Group of Professor Marco Bandini**

Name: **Postdoctoral grant**  
 Period: January – November 2014  
 Place: Ljubljana, Slovenia  
 Institution: Department of Chemistry and Chemical Engineering at University of Ljubljana  
 Title: Postdoctoral researcher, **Group of Professor Marijan Kocevar**

Name: **OeAD Austrian scholarship**  
 Period: August – September 2013  
 Place: Graz, Austria

Institution: University of Graz (USF), Department of Chemistry  
Title: Visiting Research Scientist at Organic Division, **Group of Professor Oliver Kappe**

Name: **Fulbright Foreign Program – The J. William Fulbright Foreign Scholarship Board**  
Period: January 3<sup>rd</sup> – June 2<sup>nd</sup> 2012  
Place: Gainesville, Florida, United States of America  
Institution: University of Florida (USF), Department of Chemistry  
Title: Visiting Research Scientist at Organic Division, **Group of Professor Lisa McElwee-White**

Name- **Doctoral grant**  
Period: June 2011 – December 2011; June 2012 – November 2012  
Place: Groningen, Netherland  
Institution: University of Groningen Department of Chemistry and Chemical Engineering at the Faculty  
**of Mathematics and Natural Sciences, Rijksuniversiteit Groningen**  
Title: Exchange PhD Research Scientist at **Group of Professor Adriaan Minnaard**

Name: **The Queen Jadwiga Fund scholarship**  
Period: October 1<sup>st</sup>- October 31<sup>st</sup> 2010  
Place: Krakow, Poland  
Institution: Jagiellonian University  
Title: Visiting Research Scientist at Department of Chemistry, **Group of Professor Maria Nowakowska**

Name: **Netherlands and Western Balkans Environmental Network; Environmental Monitoring Assessment Summer School - Workshop**  
Period: July 4<sup>th</sup>- July 13<sup>th</sup> 2010  
Place: The Ecological Education Center at Skadar Lake, Virpazar, Montenegro  
Institution: IVM Institute for Environmental Studies  
Name: **XXI. Croatian Meeting of Chemist and Chemical Engineers**  
Period: April 19<sup>th</sup> - April 22<sup>nd</sup> 2009  
Place: Trogir, Split, Croatia  
Institution: Croatian Chemical Society/Croatian Society of Chemical Engineers

## Publications

1. M. Salihović, M. Pazalja, I. Mahmutović-Dizdarević, A. Jerković-Mujkić, **J.Suljagić**, S.Špirtović-Halilović, A. Šapčanin: Synthesis, DFT study and antimicrobial activity of Schiff bases derived from benzaldehydes and amino acids, *Rasayan Journal of Chemistry*, ISSN: 0974-1496, Vol. 11 (3), str. 1074-1083 (2018) ( Scopus, CAB Abstracts, Chemical abstracts services, Global health, Indian science abstracts, CSA illumina natural sciences, Pollution abstracts, Nanotechnology abstracts)
2. M.Suljkanović, **J.Suljagić**: Study of Competitive Behavior of Cd(II) and Pb(II) ions Through a Bulk Liquid Membrane, *Chemical Science International Journal*, ISSN: 2456-706X, Vol. 22 (3), str. 1-7 (2018) (Index Copernicus, NAAS Score of scientific journals)
3. M. Suljkanović, E. Nurković, **J. Suljagić**: Influence of Nonionic Surfactants as Competitive Carriers in Bulk Liquid Membrane Transport of Metal Cations Using Macrocyclic Ligands, *Journal of Chemical, Biological and Physical Sciences*, ISSN 2249 –1929, Vol. 8, str. 77-89, (2018) (Chemical Abstracts, , EBSCO, Genemics, Index Copernicus, Open J gate, Open Academic Journals Index, Serials Solutions, Cite Factor, Ulrichs Web, ISI.) Impact factor 1,310
4. Z. Ademović, S. Hodžić, Z.H. Zahirović, D.Husejnagić, J.Džananović, B.Š. Kundalić, **J.Suljagić**: Phenolic compounds, antioxidant and antimicrobial properties of the wild cherry

- (Prunus avium L.) Stem, Acta Periodica Technologica, ISSN 1450-7188, Vol. 48, str. 1-13, (2017) (Chemical Abstracts, Columbus, Khimija, VINITI, SCOPUS.)
5. Z. Ademović, **J. Suljagić**, J. Zulić: Influence of physical properties on thermal conductivity of polystyrene insulation materials, Contemporary Materials, ISSN 1986-8669, Vol. 8 Broj 1, str. 42-47, (2017) (WorldCat, DOAJ)
  6. Z. Ademović, H. Keran, **J. Suljagić**: Monitoring of physical and chemical parameters of sulfuric water in Tuzla canton, Bosnia and Herzegovina, 4th International Symposium of Environmental Management – Towards Circular Economy, 07–09. Decembar, 2016. Zbornik sažetaka.
  7. **J. Suljagić**, Z. Ademović, J. Zulić: Ispitivanje fizičko-mehaničkih osobina termoizolacionih materijala na bazi polistirena, XVI. Ružičkinci dani Vukovar, 21–23. Septembar, 2016. Zbornik sažetaka.
  8. Z. Ademović, J. Mehić, **J. Suljagić**, M. Jašić, N. Juul: Influence of processing technology on bioactive components of sour cherry, Tehnologica Acta, Journal of Science Professional from Chemistry and Technology - Faculty of Technology, University of Tuzla, ISSN 2232-7568, Vol. 10 Broj 1, str. 5-13, Tuzla, juni 2017. Godine, (CAB Abstracts, COBISS, Index Copernicus Journal Master List, EBSCO)
  9. **J. Suljagić**, A. Juranović, M. Krivec, K. Kranjc, M. Kočevar: Chloranil as an Efficient Oxidant of the Cyclohexadiene Intermediates Formed by a Cycloaddition of Substituted 2H-Pyran-2-ones and Styrenes En Route to the Boscalid Derivatives, Journal of Heterocyclic Chemistry, (2016) (EBSCO, ChemInform, Embase, VINITI) Impact factor 0,837
  10. **J. Suljagić**, M. Suljkanović, M. Tupajić, M. Ivanović, R. Alagić: Uticaj temperature i strukture tenzida u smjesi na micelizaciju, Zbornik radova, Poljoprivredna proizvodnja i zaštita okoliša u funkciji razvoja ruralnih područja, Tuzla, juni 2015. godine (EBSCO)
  11. Z. Ademović, **J. Suljagić**, Z. Iličković, Biocompatibility of polymer implants, 4th Scientific symposium with international participation "Environmental resources, sustainable development and food production" OPORPH–2015, Tuzla 12-13 November 2015. Book of abstracts.
  12. M. Suljkanović, R. Kubiček, **J. Suljagić**: Influence of ligand structure on the efficiency of pb and cd ions transport through liquid organic membranes, Tehnologica Acta, Journal of Science Professional from Chemistry and Technology - Faculty of Technology, University of Tuzla, ISSN 2232-7568, Vol. 7 Broj 2, str. 25-33, Tuzla, decembar 2014. Godine, (CAB Abstracts, COBISS, Index Copernicus Journal Master List, EBSCO)
  13. **J. Suljagić**: Sinteza i primjena diiminskih liganada u oksidativnoj Heckovoj reakciji, Glasnik hemičara, tehnologa i ekologa RS, Univerzitet u Banja Luci, Tehnološki fakultet, ISSN 2232-755X, decembar 2014. Godine (EBSCO)
  14. M. Tupajić, **J. Suljagić**: Uticaj strukture polioksietilenskog lanca na efikasnost neionskih tenzida u vodenim rastvorima; X Savjetovanje hemičara i tehnologa RS, Zbornik radova str. 82, Univerzitet u Banja Luci, Tehnološki fakultet, ISSN 2232-755X, Banja Luka, novembar 2013. godine (EBSCO)
  15. A. L. Gottumukkala, **J. Suljagic**, K. Matcha, J. G. de Vries, A. J. Minnaard, Efficient Formation of Benzylic Quaternary Centers via Palladium Catalysis, 2013 Chemsuschem.1636-16394 p. Impact factor 7,657 ( Current Contents/Physical, Chemical & Earth Sciences, Chemical Abstracts Service, Science Citation Index, ChemInform, Scopus, Index Medicus/MEDLINE/PubMed, VINITI Database RAS)
  16. **J. Suljagić**: Primjena Pd(OAcF<sub>3</sub>)<sub>2</sub> bipiridin kompleksa u formiranju kvaternih ugljikovih centara; 3. Međunarodni simpozij „Okolišni potencijali, održivi razvoj i proizvodnja hrane“, Zbornik sažetaka, Novembar 2013. godine (CAB Abstracts, COBISS, Index Copernicus Journal Master List, EBSCO)
  17. R. Kubiček, J. Budimir, M. Suljkanović, **J. Suljagić**, Utjecaj Triton X-100 i TTAB tenzida na uvjete spektrometrijskog određivanja Cd(II)-ditizonata, Tehnologica Acta 1 (3), 29-40. ISSN 1840-0426 (CAB Abstracts, COBISS, Index Copernicus Journal Master List, EBSCO)
  18. J. Budimir, R. Kubiček, M. Suljkanović, **J. Suljagić**, Investigation of complexation mechanisms in some cation solutions, 13th International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology“ TMT Proceedings (2009) 817-820, Hammamet, Tunisia. ISSN 1840-4944 (EBSCO)
  19. J. Budimir, M. Nuhanović, R. Kubiček, Božo Banjanin, **J. Suljagić**, M. Suljkanović, Effect of acid amlodipine salt on crystalsize distribution during crystallization from methanol and

ethanol, TechnologicaActa2 (4), 9-18. ISSN 1840-0426 (CAB Abstracts, COBISS, Index Copernicus Journal Master List, EBSCO)

20. J.Budimir, R.Kubiček, **J.Suljagić**, Micelizacija smjese nonaoksietilen monododeciletera i nekih n-alkiltrimetilamonijevih bromida u vodi, Zbornik radova, VIII Savjetovanje hemičara i tehnologa RS, (2008) 23-30. ISSN 978-99938-54-27-2 (EBSCO)
21. J.Budimir, R.Kubiček, **J.Suljagić**, M.Suljkanović, Utjecaj temperature i množinskog udjela tenzida u smjesi na micelizaciju, Book of abstract, XXI Hrvatski skup kemičara i kemijskih inženjera, 2009.
22. R.Kubiček, J.Budimir, M.Suljkanović, **J.Suljagić**, Primjena nekih tenzida u spektrometrijskom određivanju Cd(II)-ditizonata, XII Ružičkine dani, Zbornik radova i sažetaka, (2008).
23. **J.Suljagić**, Sinteza i primjena organskih azotnih liganada u oksidativnoj Heckovoj reakciji, Doktorska disertacija, (2013).
24. J.Budimir, R.Kubiček, **J.Suljagić**, Krunasti eteri kao ligandi za Fe(III) ione, Skup mladih kemičara i kemijskih tehnologa, Zagreb 2006

## Memberships

Member of the board for quality assurance at the Faculty of Technology, University of Tuzla

Member of organization and technical board of Scientific-Professional Congress of food production and processing with international participation, agroTECH 2007, 2008, 2009, 2010, 2011, 2012, 2013

[www.agro-tech.org](http://www.agro-tech.org)

Creation and updates of the WEB page of Faculty of Technology, University of Tuzla, [www.tf.untz.ba](http://www.tf.untz.ba)

## References

Supervisor Prof. dr. Jozo Budimir, Department of Organic Chemistry

Prof. dr. Ranka Kubiček, Department of Analytical Chemistry

Prof. dr. Snjezana Maric, Department of Organic Chemistry

## Participating in Teaching Process

**Participation in teaching process /Assistant Professor, Senior Research Assistant, Assistant/**

**Subjects in the scientific field:**

Organic Chemistry I, Organic Chemistry II, Selected topics in Organic Chemistry

Nomenclature of Organic Compounds

The Chemistry of Natural Compounds

Stereochemistry, Stereochemistry of Drugs

Biochemistry

Macromolecular Chemistry

Mechanisms of Chemical Reactions

Alkaloids and Steroids

Food Chemistry

Design and Synthesis of Biologically Active Compounds.

Polymeric Materials

Documentation and Information Science

Application Software Packages

Conferences

ANNEXES

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