


PERSONAL INFORMATION

Nina Bijedic



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Sex f | Date of birth 02/11/1968 | Nationality Bosnia, Serbia

SCHOLARSHIP APPLIED FOR

FIT CV

WORK EXPERIENCE

05/2012 to present

**Vice-rector for international cooperation**

Dzemal Bijedic University of Mostar, Bosnia and Herzegovina  
 Associate professor for Applied mathematics and formal methods, Faculty of Information Technologies  
 Business or sector Higher education

EDUCATION AND TRAINING

10/2006-05/2010

**Doctor of Information Science**

Replace with EQF (or other) level if relevant

**PhD awarded at:** Dzemal Bijedic University of Mostar, Faculty of Information Technologies

**Scientific area:** Applied Mathematics

**Thesis title:** *Research on classical and Bayesian meta-analysis; applicability in BiH*

10/2002-05/2006

**Master of Information Science**

Replace with EQF (or other) level if relevant

**MSc awarded at:** Dzemal Bijedic University of Mostar, Faculty of Information Technologies

**Scientific area:** Applied Mathematics

**Thesis title:** *Contemporary mathematical models in information technologies: Scale-free topology of FIT forum*

10/1987-02/1996

**Bachelor in mathematical sciences**

**MSc awarded at:** Dzemal Bijedic University of Mostar, Faculty of Information Technologies

**Scientific area:** Mathematics

**Qualification title:** Graduate mathematician for probability theory and mathematical statistics

PERSONAL SKILLS

Mother tongue(s) Serbian/Bosnian/Croatian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C1
	Replace with name of language certificate. Enter level if known.				
Spanish	A1	A1	-	-	-
	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 communication skills gained through my experience as teacher and vice-rector

Organisational / managerial skills ▪ leadership (currently responsible for IR office, and management of international cooperation at my University)  
▪ project management (team leader for BIHTEK, ICT-WEB-PROMS)

Job-related skills ▪ good command of quality assurance processes (currently responsible for quality assurance of international cooperation)  
▪ Qualification framework (Member of Intersectional committee for Qualification framework action plan development in B&H, certified trainer)  
▪ Mathematical Modeling  
▪ Statistical Modeling  
▪ Data Structures and Algorithms  
▪ Social Network Analysis  
▪ Bayesian Modeling  
▪ Biostatistics

Computer skills ▪ good command of Microsoft Office™ tools  
▪ Programming SAS, R, WinBUGS, MATLAB, some C++

Other skills ▪ Sport games (handball, volleyball, badminton, table tennis)

Driving licence ▪ B

ADDITIONAL INFORMATION

Publications  
 Presentations  
 Projects  
 Conferences  
 Seminars  
 Honours and awards  
 Memberships  
 References

### Publications

N. Bijedic, J. Gimbert, J. M. Miret, M. Valls (2007). Elements of Discrete Mathematical Structures for Computer Science, Univerzitetna knjiga, Mostar & University of Lleida, Spain, 2007  
 N. Bijedić, D. Radosav, Lj. Đuretanović. (2004). Data structures and algorithms, Textbook, Univerzitetna knjiga, Mostar, 2004, second edition  
 Estimated glomerular filtration rate (eGFR) values as predictor of renal insufficiency in advanced stages of liver diseases with different etiology. *Medical Archives* 06/2014; 68(3):159-62.  
 Sensitivity of EUS and ERCP Endoscopic Procedures in the Detection of Pancreatic Cancer During Preoperative Staging Correlated with CT and CT Angiography Imaging Methods. *Acta Informatica Medica* 06/2014; 22(3):160-3.  
 Sensitivity of Symptomatology Versus Diagnostic Procedures and Concentration of CEA and CA19-9 in the Early Detection of Colorectal Cancer. *Acta Informatica Medica* 04/2014; 22(2):89-93.  
 Analysis of a social network. 12th International Symposium on Applied Machine Intelligence and Informatics (SAMII), 2014 IEEE, Herl'any, Slovakia; 01/2014  
 Decision tree based students' grades analysis. 12th International Symposium on Applied Machine Intelligence and Informatics (SAMII), 2014 IEEE, Herl'any, Slovakia; 01/2014  
 Cancer Antigens (CEA and CA 19-9) as Markers of Advanced Stage of Colorectal Carcinoma, *Med Arh.* 12/2013; 67(6):397-401.  
 A model for optimization of Higher Education process with Data Envelopment Analysis, ITRO 2013, Zrenjanin, Serbia; 07/2013  
 Bijedic, N., Hamulic, I., Vukobrat-Bijedic, Z., Husic-Slimovic, A. (2102) Bayesian Network Model of HCV Treatment Response Prediction in FBiH. *SISY* 2012.  
 Hamulic, I., Bijedic, N., Radosav, D., Junuz, E. (2102) Modeling SNA Result with Bayesian Network. Conference proceedings ITRO 2012.  
 Bijedic, N., Hamulic, I., Maksumic, I., Junuz, E. Radosav, D.. (2012) Modeling SNA Result to Improve Learning Community. Accepted paper at IETC 2012  
 Husić-Selimović A, Vukobrat-Bijedić Z, Bijedić N, Mesihović R, Gogov. (2011) B.Efficacy of antiviral therapy in patients with chronic hepatitis C in relation to genotype of virus; *Bosnian Journal of Basic Medical Science*, 2011, volume 11, supplement 1, p-ISSN 1512-8601; e-ISSN: 1840-4812, S28-S32.  
 Vukobrat-Bijedić Z, Husić-Selimović A, Radović S, Gogov B, Bijedić N, Bjelogrić I. (2011) Impact of Pegylated Interferon A2a (40) kDa to histological findings of liver in patients suffering from chronic hepatitis C of viral etiology treated during 24-48 weeks, confirmed with repeated biopsy; *Bosnian Journal of Basic Medical Science*, 2011, volume 11, supplement 1, p-ISSN 1512-8601; e-ISSN: 1840-4812, S90-S93.  
 N. Bijedić, I. Hamulić. (2011) SNA based inference, Invited paper at International Conference on Information Technologies and Development of Education – ITRO 2011 proceedings awards, memberships, references. Remove headings not relevant in the left column.

### • Projects and specializations

09/2015 Staff mobility to University of Balearic Islands, department for mathematics, Research on big data in social networks, EUROWEB+; development of curriculum for Big data master course.  
 2014-15 "Strategic development of higher education and qualification standards", joint project of EU and EC in B&H – training for trainers on Qualification standards development, certified trainer.  
 2014-15 CEEPUS network national evaluator  
 02/14- Tempus project BHQFHE, Team member, certified expert on Qualification framework development  
 10/12- Tempus project BIHTEK, University consortium member and team leader  
 06/2011 Lecturer at and organizer of „Statistical Methods for the Service Quality Measurement“ 2nd international summer school, University Dzemal Bijedic, B&H  
 06/2011 Invited lecturer at „Statistical Methods for the Service Quality Measurement“ Summer school, University Nigde, Turkey  
 1/09 to 12/10 FP7 ICT-WEB-PROMS, Promoting ICT cooperation opportunities and policy dialogue with the Western Balkan countries. Team leader  
 7/08 Participation at VI Jornadas de Matematica Discreta y Algoritmica, Lleida, Spain  
 07-08/2007 Tempus IMG BIH 3015 University of Lleida, Department for mathematics; Curriculum development Discrete mathematics, completion of textbook with staff from University of Lleida

**Membership:** AAAS, National Geographic since 2013

### Referees

- University of Lleida, Spain, Josep Maria Miret Biosca [miret@matematica.udl.cat](mailto:miret@matematica.udl.cat)
- University Dzemal Bijedic of Mostar, Sead Pasic, Rector, [sead.pasic@nmo.ba](mailto:sead.pasic@nmo.ba)
- University of Zenica, Dzevad Zecic, Rector, PhD thesis supervisor, [dzevad.zecic@unze.ba](mailto:dzevad.zecic@unze.ba)