



INTERNATIONAL UNIVERSITY OF SARAJEVO
INTERNACIONALNI UNIVERZITET U SARAJEVU

International University of Sarajevo			
PRIMLJENO-ARHIVE 17.03.2026.			
OR.JED.	K.L.O.Z.	R.B.	B.PR.
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COMMITTEE FOR PREPARATION OF PROPOSAL FOR APPOINTMENT INTO THE SCIENTIFIC-TEACHING TITLE OF ASSISTANT PROFESSOR FOR THE SCIENTIFIC AREA OF "MEDICAL AND HEALTH SCIENCES", SCIENTIFIC FIELD OF "DENTAL MEDICINE", SCIENTIFIC BRANCHES: "ENDODONTICS AND RESTORATIVE DENTAL MEDICINE" AND "MORPHOLOGY OF THE STOMATOGNATHIC SYSTEM"/KOMISIJA ZA PRIPREMANJE PRIJEDLOGA ZA IZBOR AKADEMSKOG OSOBLJA U NAUČNONASTAVNO ZVANJE DOCENTA ZA NAUČNU OBLAST "MEDICINSKE I ZDRAVSTVENE NAUKE", NAUČNO POLJE "DENTALNA MEDICINA", NAUČNE GRANE: „ENDODONCIJA I RESTAURATIVNA DENTALNA MEDICINA“ I „MORFOLOGIJA STOMATOGNATNOG SISTEMA“.

**TO THE FACULTY COUNCIL OF THE FACULTY OF MEDICAL SCIENCES/
VIJEĆU FAKULTETA MEDICINSKIH NAUKA**

Pursuant the Article 121 of the Law on Higher Education ("Official Gazette of Sarajevo Canton", No.: 36/22 and 28/25), Article 141 of the Statute of IUS – revised text, no. IUS-SENAT-11-3326/24 dated October 22nd, 2024, and Proposal of the Faculty Council, no. IUS-FMS-17-258/26 dated January 29th, 2026, upon the consent provided by the Senate of the International University of Sarajevo, no. IUS-SENAT-11-285/26 dated January 30th, 2026, the Faculty of Medical Sciences published the announcement for the appointment of one professor (Assistant Professor) for the scientific area of "Medical and Health Sciences", the scientific field "Dental Medicine", scientific branches: "Endodontics and restorative dental medicine" and "Morphology of the stomatognathic system".

Na osnovu člana 121. Zakona o visokom obrazovanju Kantona Sarajevo ("Službene novine Kantona Sarajevo", broj: 36/22 i 28/25), člana 141. Statuta Internacionalnog univerziteta u Sarajevu – prečišćen tekst, broj: IUS-SENAT-11-3326/24 od 22.10.2024. godine, te prijedloga Vijeća Fakulteta medicinskih nauka, broj: IUS-FMS-17-258/26 od 29.01.2026. godine i Saglasnosti Senata, broj: IUS-SENAT-11-285/26 od 30.01.2026. godine, raspisan je Konkurs za izbor akademskog osoblja u naučnonastavno zvanje docenta za naučnu oblast „Medicinske i zdravstvene nauke“, naučno polje „Dentalna medicina medicina“, naučne grane: „Endodoncija i restaurativna dentalna medicina“ i „Morfolologija stomatognatnog sistema“ za jednog izvršioca.

Pursuant the Article 124 paragraph (1) of the Law on Higher Education, the Council of the Faculty of Medical Sciences, by the Decision, No. IUS-FMS-17-660/26 dated February 26th,

2026, appointed the following professors as the members of the Committee for preparation of the proposal for appointment into the scientific-teaching title of Assistant Professor for the scientific area of "Medical and Health Sciences", the scientific field "Dental Medicine", scientific branches: Endodontics and restorative dental medicine" and "Morphology of the stomatognathic system":

Na osnovu člana 124. stav (1) Zakona o visokom obrazovanju, Vijeće Fakulteta medicinskih nauka je Odlukom, broj: IUS-FMS-17-660/26 od 26.02.2026. godine, imenovalo Komisiju za pripremanje prijedloga za izbor člana akademskog osoblja u naučnonastavno zvanje docenta za naučnu oblast „Medicinske i zdravstvene nauke“, naučno polje „Dentalna medicina“, naučne grane: „Endodoncija i restaurativna dentalna medicina“ i „Morfolologija stomatognatnog sistema“ za jednog izvršioca, u sljedećem sastavu:

- 1. Prof. Dr. Amra Ahmić**, Full Professor appointed in the scientific area "Tooth Morphology with Dental Anthropology and Forensics" at the Faculty of Dentistry, University of Sarajevo (Chair)/*redovna profesorica izabrana za naučnu oblast „Morfolologija zuba sa sa dentalnom antropologijom i forenzikom“ na Stomatološkom fakultetu Univerziteta u Sarajevu (predsjednik);*
- 2. Prof. Dr. Aida Selmanagić**, Associate Professor appointed in the scientific area "Tooth Morphology with Dental Anthropology and Forensics" at the Faculty of Dentistry, University of Sarajevo (Member)/*vanredna profesorica izabrana za naučnu oblast „Morfolologija zuba sa dentalnom antropologijom i forenzikom“ na Stomatološkom fakultetu Univerziteta u Sarajevu (član);*
- 3. Prof. Dr. Alma Konjhodžić**, Full Professor appointed in the scientific area "Dental Pathology with Endodontics" at the Faculty of Dentistry, University of Sarajevo (Member)/*redovna profesorica izabrana za naučnu oblast „Dentalna patologija s endodoncijom“ na Stomatološkom fakultetu Univerziteta u Sarajevu (član)*

In accordance with all said above, the Committee hereby submits the following:

Shodno svemu navedenom, Komisija podnosi sljedeći:

R E P O R T / I Z V J E Š T A J

The following candidate applied for the vacancy announcement for the appointment of one Assistant Professor for the scientific area of "Medical and Health Sciences", the scientific field "Dental Medicine", scientific branches: "Endodontics and restorative dental medicine" and "Morphology of the stomatognathic system", that was published on February 4th, 2026 in the newspaper "Nezavisne novine" and on the IUS website:

Na konkurs objavljen 04.02.2026. godine u dnevnom listu "Nezavisne novine" i na web stranici IUS-a, za izbor akademskog osoblja u naučno-nastavno zvanje docenta za naučnu oblast „Medicinske i zdravstvene nauke“, naučno polje „Dentalna medicina“, naučne grane: „Endodoncija i restaurativna dentalna medicina“ i „Morfolologija stomatognatnog sistema“, u propisanom konkursnom roku se prijavio sljedeći kandidat:

- DR. BELMA MUHAMEDAGIĆ

The Committee thoroughly reviewed the candidate's application. The submitted scientific works and academic achievements are presented in detail in the following section of this document.

Komisija je izvršila detaljan pregled prijave kandidatkinje. Priloženi naučni radovi i akademska postignuća detaljano su prikazani u narednom dijelu izvještaja.

1. APPLICANT/KANDIDAT: DR. BELMA MUHAMEDAGIĆ

PER APPLICATION FOR APPOINTMENT INTO THE TITLE OF ASSISTANT PROFESSOR

PO PRIJAVI ZA IZBOR U ZVANJE DOCENTA

A. BIOGRAPHICAL INFORMATION AND ACADEMIC DEGREE OF THE CANDIDATE

BIOGRAFSKI PODACI I PODACI O NAUČNOM STEPENU KANDIDATA

Dr. Belma Muhamedagić (born in 1981) graduated from the Faculty of Dentistry at the University of Sarajevo, where she obtained the degree of Doctor of Dental Medicine. At the Faculty of Medicine of the University of Sarajevo, she completed postgraduate studies and successfully defended her master's thesis entitled: *"Sex Determination in the Bosnian and Herzegovinian Population Based on the Morphometric Characteristics of Permanent Canines of the Upper and Lower Jaw."* She defended her doctoral dissertation titled *"Sex and Age Estimation in the Bosnian and Herzegovinian Population Based on Three-Dimensional Modeling of Permanent Canine Volumes Using Segmentation of Computed Tomography Images"* at the Faculty of Medicine of the University of Sarajevo, thereby earning the academic degree of Doctor of Medical Sciences.

Throughout her professional career, the candidate has acquired significant experience in clinical dental practice as well as in teaching and scientific research. She has worked in private dental practice and at the Faculty of Dentistry of the University of Sarajevo. She has also gained professional experience in an international academic environment, including an engagement at *The School of Health and Society*, University of Salford in Manchester, United Kingdom, where she served as an honorary lecturer.

She is currently engaged at the University Sarajevo School of Science and Technology, Sarajevo Medical School – Department of Dentistry, where she holds the position of Assistant Professor and participates in teaching courses within the scientific field of *"Tooth Morphology with Dental Anthropology and Forensics."*

Her scientific research focuses on forensic dentistry, dental anthropology, iatrogenic endodontic factors, odontometrics, and the application of modern radiological methods in dental diagnostics. She is the author and co-author of numerous scientific papers published in international and national scientific journals, as well as papers presented at international scientific conferences. The candidate is a member of the Sarajevo Canton Dental Chamber and the Dental Chamber of the Federation of Bosnia and Herzegovina, as well as the

international association International Association for Paleodontology. She has a working knowledge of English, while Bosnian is her native language.

Dr. Belma Muhamedagić (rođena 1981. godine) diplomirala je na Stomatološkom fakultetu Univerziteta u Sarajevu gdje je stekla zvanje doktora stomatologije. Na Medicinskom fakultetu Univerziteta u Sarajevu završila je postdiplomski studij te uspješno odbranila magistarski rad na temu: „Određivanje spola bosanskohercegovačke populacije na osnovu morfometrijskih karakteristika stalnih očnjaka gornje i donje vilice“. Doktorsku disertaciju pod naslovom „Procjenjivanje spola i starosti bosanskohercegovačke populacije na osnovu trodimenzionalnog modeliranja volumena stalnih očnjaka segmentacijom snimaka kompjuterske tomografije“ odbranila je na Medicinskom fakultetu Univerziteta u Sarajevu, čime je stekla naučni stepen doktora medicinskih nauka.

Tokom svoje profesionalne karijere kandidatkinja je stekla značajno iskustvo u kliničkom radu u oblasti stomatologije, kao i u nastavnom i naučnoistraživačkom radu. Radila je u privatnoj stomatološkoj praksi, kao i na stomatološkom fakultetu Univerziteta u Sarajevu. Također je ostvarila profesionalno iskustvo u međunarodnom akademskom okruženju, uključujući angažman na “The School of Health and Society” Univerzitet u Salfordu, Manchester u Ujedinjenom Kraljevstvu u svojstvu počasnog predavača.

Trenutno je angažovana kao docent na Univerzitetu Sarajevo School of Science and Technology, Sarajevo Medical School – Department of Dentistry, gdje učestvuje u izvođenju nastave na predmetima iz naučne oblasti „Morfologija zuba sa dentalnom antropologijom i forenzikom“.

U svom naučnoistraživačkom radu fokusirana je na forenzičku stomatologiju, dentalnu antropologiju, jatrogene čimbenike u endodonciji, odontometriju i primjenu savremenih radioloških metoda u stomatološkoj dijagnostici. Autorica je i koautorica većeg broja naučnih radova objavljenih u međunarodnim i domaćim naučnim časopisima, kao i radova prezentiranih na međunarodnim naučnim skupovima. Kandidatkinja je članica Stomatološke komore Kantona Sarajevo i Stomatološke komore Federacije Bosne i Hercegovine, kao i međunarodnog udruženja International Association for Paleodontology. Tečno govori engleski jezik, dok joj je bosanski jezik maternji.

B. EDUCATION/OBRAZOVANJE

Degree/Stepen	Higher Education Institution/Visokoškolska ustanova	Year/Godina
PhD	University of Sarajevo, Faculty of Medicine/ Medicinski fakultet, Univerzitet u Sarajevu	2018
Master's Degree	University of Sarajevo, Faculty of Medicine/ Medicinski fakultet, Univerzitet u Sarajevu	2013
Bachelor degree	University of Sarajevo, Faculty of Dentistry/ Stomatološki fakultet, Univerzitet u Sarajevu	2006

LIST OF SCIENTIFIC AND OTHER PUBLICATIONS/PREGLED NAUČNIH I DRUGIH RADOVA

Journal Papers/Radovi objavljeni u naučnim časopisima

1. England R, **Muhamedagić B**, Bissett SM, Nnyanzi L, Zohoori F. How Have Recent Pandemics Affected Oral Health: A Systematic Review using Narrative Synthesis of the Literature from 2011-2021. *European Journal of Dental and Oral Health*, 2022, 3(4):16-21.
2. **Muhamedagić B**, Sarajlić N, Mujanović E, Muhamedagić L. Criminalistics and forensic significance of permanent canines in identification and sex determination. *Kriminalističke teme*, 2014;1-2:1-11.
3. **Muhamedagić B**, Sarajlić N. Sex determination of the Bosnian-Herzegovinian population based on odontometric characteristics of permanent lower canines. *Journal of Health Sciences*, 2013;3(2):1-6.
4. Muhamedagić L, Alajbegović-Halimić J, **Muhamedagić B**, Muračević B. Relation between physical activity and myopia progression in student population. *Med Glas (Zenica)*, 2013;10(2):385-90. **(indexed in Scopus)**
5. Mašić I, Kulašin I, **Muhamedagić B**, Valjevac S. Quality Assessment of MIE 2009 Sarajevo Conference Presentations. *Acta informatica medica*, 2010; 18(1): 25-8.
6. Mašić I, **Muhamedagić B**, Kulašin I, Mašić Z, Al Sanousi A. Health Level Seven (HL7): Short Overview. *Materia socio medica*, 2009; 21(3): 170-4.
7. **Muhamedagić B**, Muhamedagić L, Mašić I. Dental Office Waste - Public Health and Ecological Risk. *Materia socio medica*, 2009; 21(1): 35-8.
8. **Muhamedagić B**, Muhamedagić L. Digital Radiography Versus Conventional Radiography in Dentistry. *Acta informatica medica*, 2009; 17(2): 85-9.
9. Mašić I, Mioković M, **Muhamedagić B**. Evidence Based Medicine – New Approaches and Challenges. *Acta informatica medica*, 2008; 16(4): 219-25.

Conference Papers / Radovi objavljeni u zbornicima sa konferencija

1. 16th International Symposium on Dental Morphology and 1st Congress of the International Association for Paleodontology, 26-30 August 2014, Zagreb, Croatia; „Sexual dimorphism in the permanent canines of the Bosnian-Herzegovinian population and its implications in forensic investigations“ – poster presentation
2. 2nd International conference on trauma and injury prevention, 2013. Zenica, B&H; Muhamedagić L, **Muhamedagić B**. “Prevention of occupational injuries and importance of safety at work in metal industry” – poster presentation
3. 5th Symposium „Symposium Recycling Technologies and Sustainable Development“ 12-15 September 2010. Soko Banja, Serbia; Muhamedagić L, **Muhamedagić B**. “Management of hazardous medical waste“
4. 14th International Research/Expert Conference “Trends in the Development of Machinery and Associated Technology” TMT 2010, Mediterranean Cruise, 11-18

September 2010. Muhamedagić B, Muhamedagić L. "Corrosion Resistance of Dental Alloys"

5. 14th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2010, Mediterranean Cruise, 11-18 September 2010. Muhamedagić L, Muhamedagić B. "Health Effects of Air Pollution"

C. INTRODUCTORY LECTURE

PRISTUPNO PREDAVANJE

It is not necessary for the candidate to deliver an introductory lecture, as she has been engaged as a lecturer at the Medical School of the Sarajevo School of Science and Technology since 2021 and continues to hold this position to the present day. */Nije potrebno da kandidatkinja održi pristupno predavanje jer je angažovana kao predavač na Medicinskom fakultetu Sarajevo School of Science and Technology od 2021. godine do danas.*

PROPOSAL AND RATIONALE

PRIJEDLOG I OBRAZLOŽENJE

The Committee has thoroughly reviewed and considered the application and determined that the candidate meets the requirements of the public vacancy call for appointment to the scientific-teaching title of Assistant Professor in accordance with the Law on Higher Education of Sarajevo Canton. The Committee's task was to propose a candidate for appointment based on the assessment of education and scientific work. After a detailed review and evaluation of the submitted documents and academic works, the Committee reached the following conclusions: The scientific output of Dr. Belma Muhamedagić is characterized by research activity in the fields of Tooth Morphology with Dental Anthropology and Forensics, with a significant number of publications in high-ranking international journals. The candidate has scientific papers indexed in Scopus, including publications in journals such as European Journal of Dental and Oral Health, Journal of Health Sciences, Acta informatica medica. Many of her publications are the result of international collaborative research, often involving numerous co-authors from multiple countries, further confirming the international recognition and relevance of her scientific contributions. The Committee notes that Dr. Muhamedagić's scientific output fully meets the requirements for appointment to the academic title of Assistant Professor.

Therefore, the Committee proposes to the Council of the Faculty of Medical Sciences to appoint Dr. Belma Muhamedagić to the academic title of Assistant Professor in the scientific area of "Medical and Health Sciences", the scientific field "Dental Medicine", scientific branches: "Endodontics and restorative dental medicine" and "Morphology of the stomatognathic system" at the Faculty of Medical Sciences of the International University of Sarajevo. The members of the Committee have assessed the candidate's academic achievements and research interests and have determined that she would make a significant contribution to the Faculty of Medical Sciences at the International University of Sarajevo.

Komisija je temeljito pregledala i razmotrila prijavu te utvrdila da kandidatkinja ispunjava uslove iz javnog konkursa za izbor u naučnonastavno zvanje docenta, u skladu sa Zakonom o visokom obrazovanju Kantona Sarajevo. Zadatak Komisije bio je da, na osnovu ocjene obrazovanja i naučnog rada, predloži kandidata za izbor. Nakon detaljnog pregleda i evaluacije dostavljene dokumentacije i naučnih radova, Komisija je donijela sljedeće zaključke: Naučni opus dr. Belme Muhamedagić karakteriše istraživačka aktivnost u oblastima morfologije zuba sa dentalnom antropologijom i forenzikom, uz značajan broj publikacija u visoko rangiranim međunarodnim časopisima. Kandidatkinja ima naučne radove indeksirane u bazi Scopus, uključujući publikacije u časopisima European Journal of Dental and Oral Health, Journal of Health Sciences i Acta Informatica Medica. Mnoge od njenih publikacija rezultat su međunarodne istraživačke saradnje, često uz učešće velikog broja koautora, što dodatno potvrđuje međunarodno priznanje i relevantnost njenog naučnog doprinosa. Komisija konstatuje da naučni opus dr. Muhamedagić u potpunosti ispunjava uslove potrebne za izbor u akademsko zvanje docenta. Stoga, Komisija predlaže Vijeću Fakulteta medicinskih nauka da izabere Dr. Belmu Muhamedagić u naučnonastavno zvanje docenta za naučnu oblast „Medicinske i zdravstvene nauke“, naučno polje „Dentalna medicina“, naučne grane: „Endodoncija i restaurativna dentalna medicina“ i „Morfologija stomatognatnog sistema“ na Fakultetu medicinskih nauka Internacionalnog univerziteta u Sarajevu. Članovi Komisije su ocijenili akademska postignuća i istraživačke interese kandidata, te utvrdili da bi ona dala značajan doprinos Fakultetu medicinskih nauka Internacionalnog univerziteta u Sarajevu.

COMMITTEE/ KOMISIJA

1. Prof. Dr. Amra Ahmić (Chair/Predsjednik)



2. Prof. Dr. Aida Selmanagić (Member/Članica)



3. Prof. Dr. Alma Konjhodžić (Member/Članica)


