**Anexa 12. R14 – F11**

**Job description**

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| **University\*** | *ŞTEFAN CEL MARE* UNIVERSITY SUCEAVA |
| **Faculty\*** | PHYSICAL EDUCATION AND SPORTS |
| **Department\*** | HEALTH AND HUMAN DEVELOPMENT |
| **Position in Staff establishment\*** |  30 |
| **Function\*** |  **Associate Professor** |
| **Disciplines in the educational plan\*** | Anatomy and morphology of the dento-maxillary apparatusPhysiologyHistology |
| **Scientific domain\*** |  Dental Medicine |
| **Job Description \*** | The position contains a weekly load of 40 hours with a didactic load of 12 conventional hours, of which: 4 hours teaching course and 8 hours of laboratory distributed per each semester as follows: * Anatomy and morphology of the dento-maxillary apparatus, first semester, first year of study, Laboratory Dental Technician

- 2 hours course in the first semester with 4 student groups - 12 hours of lab work in the first semester with 4 student groups* Physiology, second semester, first year of study, Laboratory Dental Technician

- 1 hour course in the second semester with 4 working groups * Histology, second semester, first year of study, Laboratory Dental Technician

- 1 hour course in the second semester with 4 student groups - 4 hours of lab work in the second semester with 4 working groups |
| **Related responsibilities/activities** | Teaching ActivitiesPractical ActivitiesEvaluation and Testing ActivitiesOther activities:Coordinate Dissertation/ Mastered Degree ThesisStudent advising/office hoursParticipationi on in committee graduation examParticipation in committees admission Participation in international programsScientific and methodological training activities and other activities in the field of educationConduct scientific researchAdministrative Activities |
| **Minimum wage for classification** | Minimum .................... lei– maximum ................. lei Salary will be based on experience (number of prior years working) and the candidate’s performance and expertise. |
| **Calendar of the job application contest** |  |
| **Announcement publication date in the Official Monitor** |  |
| **Registration period** |

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| Beginning | End |
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| **Date of the lecture** |  |
| **Place for the lecture** |  |
| **Examination period** |

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| Beginning | End |
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| **Results communication period** |

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| **Results appeal period** |

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| Beginning | End |
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| **Competition theme\*** | **Anatomy and morphology of the dento-maxillary apparatus**Course:1. Dento-maxillary apparatus-definition, component elements. Dental arches - generalities, teeth scoring systems.2. Dental unit - general notions of tooth morphology. Clinical and anatomical features of the crown and root. Dental surfaces, division of dental surfaces. Common morphological characteristics of permanent teeth. 3. Common and differential morphological characteristics of the teeth in the frontal group. Incisors, canines. 4. Common and differential morphological characteristics of the teeth in the lateral group. Premolars, molars.5. Odontone - component histological elements - odontium (enamel, dentine, dental pulp). Periodontal (gingival fibromucosa, periodontal space, alveolar bone, root cementum). 6. The function of the odonton - Forces acting on the odonton. Active forces, resistance forces. Mechanisms for the reception and amortization of forces. 7. Oral cavity - walls, components. Bone structures of the tooth-maxillary apparatus. Mucosa of the oral cavity8. Temporary dental arches. The stages of evolution of the temporary arches. Functions of temporary arches. Morphological peculiarities of the temporary teeth, compared to the permanent teeth9. Mixed dentition. Permanent dentition. Permanent dental arch characteristics: arch shape, contact areas, tooth inclination, occlusion curves. 10. Normal occlusion reports. Supportive cusps. Secondary morphology stage of permanent dental arches. 11. Muscles of the dento-maxillary apparatus.Temporal-mandibular articulation. 12. Elements of mandibular dynamics. Classification of the mandibular movements. Analysis of the mandibular movements in relation to the reference planes. 13. Functions of the dental-maxillary apparatus. Classification of functions A.D.M. Chewing function. The stages of chewing. The chewing cycle. Chewing stereotype. Masticatory efficiency. 14. Phonetic function. Physiognomic function. Bibliography:1.Diana Dudea, Dorin Borzea- Morfologia dinţilor şi a arcadelor dentare. Casa Cărţii de ştiinţă, Cluj, 2001.2.Diana Dudea- Morfologia si functia ADM - caietul studentului. Editura Iuliu Hatieganu, Cluj-Napoca, 2009 3.Scheid R.C, Weiss G,- Woelfel`s Dental anatomy, 8th Eddition, Williams & Wilkins, 2012 4.Brandt R.W., Isselhard D.E.- Anatomy of Orofacial Structure, A Comprehensive approach, Enhanced 7th Ed Mosby, St. Louis, 2013 5.Nelson SJ, Ash M.M. Wheeler’s dental anatomy, Physiology and Occlusion, 9th Eddition, Philadelphia, W.B.Sanders, Elsevier 2010 6.Okeson JP. Management of Temporomandibular Disorders and Occlusion 7th Ed. Mosby, St. Louis, 2012 7.Dociu I., Borzea D., Dudea Diana- Aparatul dento-maxilar. Morfologie funcţională. Ed.U.M.F. Iuliu Haţieganu, Cluj-Napoca, 1994.**Physiology**Course:Physiology of the oral apparatus Physiology of the salivary glandsCrevicular fluid (sulcular)The physiology of dental plaquehe physiology of OdontDevelopment, mineralization, tooth eruptionThe physiology of periodontium and gumPhysiology of phospho-calcium metabolismThe physiology of bonePhysiology of the languagePhysiology of the olfactory analyzerThe physiology of chewing and swallowingBibliography: 1. Sistemul oro-facial- Smaranda Rodica Gotia, Editia II, Vol I, II, Editura Mirton, Timisoara, 19992. Cristina Daniela Cristescu. FIZIOLOGIE GENERALA. FIZIOLOGIA SISTEMULUI ORO-FACIAL. Partea I. Editura Universitara, 2017**Histology** Course:Cellular structures and functionsBasic tissues: epithelial tissue, adequate connective tissue, muscle tissue, nerve tissueBones and cartilageOsteogenesis and fracture healingBlood and hematopoiesisHistology of the heart and blood vesselsHistology of lymphatic organsHistology of the IntegumentHistology of the urinary systemGastrointestinal tract: Histology of tubular organsOrgans associated with the GI tract: salivary glands, liver and pancreasHistology of the respiratory systemHistology of endocrine organsHistology of reproductive organsEarly embryologyEarly development of teethMolecular and genetic mechanisms of tooth developmentDentinogenesis and amelogenesisClinical recognition of genetic disordersStructure and function of dentin and periodontal pulpOral mucous membranesDevelopment of the face and oral cavityAnomalies of clinical correlates of facial developmentClinical applications with stem cellsBibliography:1. „Junqueira’s Basic Histology: Text and Atlas” de Dr. Mescher, McGraw-Hill Professional, editia 13 sau 14
2. „Esențiale ale istologiei orale și ale embriologiei: o abordare clinică” de Dr. Chiego Elsevier, ediția a 4-a
3. „Istoria orală a lui Ten Cate: dezvoltare, structură și funcție” de Dr. Nanci Elsevier, ediția a 13-a
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| **Documents list** | The candidate's application file must contain at least the following documents:1. ***Application form,*** signed by the canditate, which includes a **statement** about the accuracyof the information presented in the file –see attached model..***2. A career development plan*** *that includes teaching and research proposal. It should be a minimum of 10 pages and it is one of the main criteria of selecting candidates****3. Curriculum vitae in print and electronic form,*** *which must include:**a) Studies and degrees obtained;**b) Relevant training and job experience;* *c) List of research-development projects; grants obtained, source of funding, amount of funding, main publications and patents results;**d) Awards or other recognition for teaching and/or sscholarly contribuition of the candidate.*.***4. The list of works*** *of the candidate in printed and electronic format, structured as follows:*a) The list of the maximum 10 papers considered by the candidate to be the most relevant for their own professional achievements, which are included in electronic format in the file and which can be found in the other categories of papers provided by art.15 of Decision no. 457/2011, as amended;b) PhD thesis or theses;c) Patents and other industrial property titles;d) Books and chapters in books;e) Articles / studies in extenso, published in journals from the main international scientific stream;f) Publications in extenso, appeared in works of the main international specialized conferences;g) Other papers and scientific contributions or, as the case may be, in the field of artistic creation.h) Candidates for the positions of university lecturer or associate researcher degree II must include in the contest file at least 3 names and contact addresses of known individuals from the respective field, from the country or from abroad, outside the higher education institution which advertised the position and which agreed to write letters of recommendation regarding the professional qualities of the candidate. i) Candidates for the positions of university professor or associate researcher degree I must include in the file at least 3 names and contact addresses of well known individuals from the respective field from abroad, who have agreed to write letters of recommendation regarding the professional qualities of the candidate.. j) Candidates for the positions of university professor must submit the proof for approval of PhD supervision.k) In the case of scientific fields with a Romanian specificity, the letters of recommendation for the candidates for the positions of university professor or scientific researcher I may come from some individuals from the respective field in Romania, outside the higher education institution where the competition takes place.***5. The check sheet*** of meeting the standards of the university to take part in the competition, is provided within this methodology. The check sheet is completed and signed by the candidate, together with the supporting documents regarding all the results and information entered by the candidate in the file. The model of the check sheet will comply with the model from the national standard for the scientific field of the position.***6. Documents regarding PhD degree:*** certified copy as per the original of the PhD degree certificate and, if the degree is not recognized in Romania, the certificate of recognition or equivalence thereof;***7. The abstract of the doctoral thesis,*** in Romanian and in one language of international circulation***,*** of a maximum of one page for each language;***8. Declaration on own responsibility*** of the candidate indicating the incompatibility situations provided by Law no. 1/2011 in which they would be in case of winning the contest or the lack of these incompatibility situations;***9.*** Copies of other ***diplomas*** of the candidate's studies;***10.*** Copy of the ***identity card*** or, in case the candidate does not have an identity card, the passport or any other identity document deemed as equivalent to the identity card or passport;***11.*** In case the candidate changed his/her name, copies of the documents attesting change of name - ***marriage certificate*** or proof of name change;***12. Medical certificate*** issued by Labor Medicine, within the validity period;***13.*** Maximum of 10 publications, patents or other works of the candidate, in electronic format, selected by candidate and considered to be most relevant for own professional achievements;***14.*** The electronic format for the ***Curriculum vitae, the Worksheet and the Checklist*** must not exceed 3Mb in order to be uploaded to the M.E.N layout.***15.*** ***Document*** that includes potal address, e-mail address and telephone number of candidate;***16. A list*** of all submitted documents; ***17. A list*** of all submitted electronic documents;***18*. *Statutory statement*** regarding the conformity of the submitted documents. |