**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 apparatus  Physiology  Histology |
| **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 Activities  Practical Activities  Evaluation and Testing Activities  Other activities:  Coordinate Dissertation/ Mastered Degree Thesis  Student advising/office hours  Participationi on in committee graduation exam  Participation in committees admission  Participation in international programs  Scientific and methodological training activities and other activities in the field of education  Conduct scientific research  Administrative 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** | |  |  | | --- | --- | | Beginning | End | |  |  | |
| **Date of the lecture** |  |
| **Place for the lecture** |  |
| **Examination period** | |  |  | | --- | --- | | Beginning | End | |  |  | |
| **Results communication period** | |  |  | | --- | --- | | Beginning | End | |  |  | |
| **Results appeal period** | |  |  | | --- | --- | | Beginning | End | |  |  | |
| **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 cavity  8. 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 teeth  9. 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 glands  Crevicular fluid (sulcular)  The physiology of dental plaque  he physiology of Odont  Development, mineralization, tooth eruption  The physiology of periodontium and gum  Physiology of phospho-calcium metabolism  The physiology of bone  Physiology of the language  Physiology of the olfactory analyzer  The physiology of chewing and swallowing  Bibliography:  1. Sistemul oro-facial- Smaranda Rodica Gotia, Editia II, Vol I, II, Editura Mirton, Timisoara, 1999  2. Cristina Daniela Cristescu. FIZIOLOGIE GENERALA. FIZIOLOGIA SISTEMULUI ORO-FACIAL. Partea I. Editura Universitara, 2017  **Histology**  Course:  Cellular structures and functions  Basic tissues: epithelial tissue, adequate connective tissue, muscle tissue, nerve tissue  Bones and cartilage  Osteogenesis and fracture healing  Blood and hematopoiesis  Histology of the heart and blood vessels  Histology of lymphatic organs  Histology of the Integument  Histology of the urinary system  Gastrointestinal tract: Histology of tubular organs  Organs associated with the GI tract: salivary glands, liver and pancreas  Histology of the respiratory system  Histology of endocrine organs  Histology of reproductive organs  Early embryology  Early development of teeth  Molecular and genetic mechanisms of tooth development  Dentinogenesis and amelogenesis  Clinical recognition of genetic disorders  Structure and function of dentin and periodontal pulp  Oral mucous membranes  Development of the face and oral cavity  Anomalies of clinical correlates of facial development  Clinical applications with stem cells  Bibliography:   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 |
| **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. |