

ORAL BIOLOGY

	SUBJECT	INFORMATION
1	ABOUT THE DEPARTMENT (BACKGROUND AND SERVICES RENDERED)	<p>The Oral Biology Unit forms part of the Department of Maxillofacial Surgery, Pathology, Radiology and Orthodontics. The Oral Biology Unit offers teaching programs which empower students following courses such as Bachelor of Dental Science, Bachelor of Dental Therapy, Bachelor of Oral Hygiene as well as postgraduate students to integrate knowledge gained in the basic medical sciences with knowledge and skills provided by the clinical dental disciplines. The programme is aimed at establishing a sound biological basis before students embark on clinical training.</p> <p>Vision: The Oral Biology Unit strives to strengthen the importance of the biological sciences and provide research guidance relevant to undergraduate and postgraduate dental disciplines.</p>
2	STAFF PROFILE (NAME,TITLE,CONTACT AND SHORT CV)	<p>Dr HD Miniggio Contact no: 0125214882 E-mail: Hilde.hendrik@smu.ac.za</p> <p><u>Short CV</u></p> <p><u>Qualifications</u></p> <ul style="list-style-type: none"> ○ -Bachelor of Dental Surgery: University of Medicine and Pharmacy "Iuliu-Hatieganu", Cluj-Napoca, Europe. ○ MSc Med (Bioethics and Health Law) University of Witwatersrand.

	<ul style="list-style-type: none"> ○ Postgraduate Diploma in Health Science Education, University of Witwatersrand: completed Module 1 & 2 of 4 in 2015, to complete module 3&4 in 2016. <p><u>Additional involvement at SMU:</u></p> <ul style="list-style-type: none"> • Developed New Curriculum for Applied Anatomy Course for Bachelor Of Oral Hygiene. • Developed New Curriculum For Oral Biology for Bachelor Of Oral Hygiene and Bachelor of Dental Therapy. • Developed Ethics Course for Oral Pathology. • Member of the Timetables Committee (2013-current). • Member of Curriculum Development Committee (2012-current)
<p>ACADEMIC PROGRAMMES: UNDER-GRADUATES AND POST-GRADUATES(DEGREE PROGRAMME,DURATION,ADMISSION REQUIREMENTS,POSSIBLE CAREER OPPORTUNITIES</p>	<p>The Oral Biology Unit has embarked on a program to integrate the basic Medical Sciences (Anatomy and Physiology) for Dental Therapy and Oral Hygiene students in order to integrate these sciences horizontally and vertically by using staff with a background in dentistry to offer these courses. The main thrust is to emphasize the dental relevance of the medical sciences in the curricula of the School of Oral Health Sciences. The first step in</p>

		<p>this regard was taken when the teaching of Anatomy for Bachelor of Oral Hygiene I and Physiology for Bachelor of Dental Therapy I was taken over by oral Biology in 2013. This process will be expanded to the other courses offered in our School of Oral Health Sciences in the future.</p> <p>Outline of undergraduate and postgraduate courses in which Oral Biology is a requirement:</p> <ul style="list-style-type: none"> ▪ ORBI 130: Oral Biology for Bachelor Dental Therapy I ▪ ORBI 130: Oral Biology for Bachelor of Oral Hygiene I ▪ ORBI for Bachelor of Dental Surgery II ▪ ORBL 1721 Oral Biology for MDent Perio ▪ ORBI701 Oral Biology for MDent Prostho ▪ ORBI801 Oral Biology for MDS MFOR ▪ ORBI801 Oral Biology for MDS course work ▪ DISS801 Dissertation for MScDent ▪ DISS601 Dissertation for BScDent Hons ▪ ATM120 Applied Anatomy for Bachelor of Oral Hygiene ▪ PHYL101 Applied physiology for Bachelor of oral Hygiene ▪ OPHY601 Oral Physiology for BScDent Hons ▪ ORAN801 Oral Anatomy for BScDent Hons
4	SUPPORT STAFF (PREFERABLY ADMINISTRATION STAFF)	<p><u>Secretary Mrs C. Begemann</u> Room FDN 324 E-mail: colleen.begemann@ul.ac.za Contact No: 0125214838</p>
5	STUDENT CLINICAL TRAINING's TIME TABLE	

6	ALUMNI (FORMER BEST STUDENT)	
7	PROFESSIONAL BODIES THAT THE DEPARTMENT IS REGISTERED WITH	
8	LATEST RESEARCH OUTPUT	<p data-bbox="786 320 1111 352"><u>Published articles -2014:</u></p> <ul data-bbox="831 395 1644 1177" style="list-style-type: none"> <li data-bbox="831 395 1644 547">▪ HD Hendrik, EJ Raubenheimer. The role of airway surface liquid in the primary management of rhinosinusitis. <i>Interdisciplinary Medicine and Dental Science</i>. 2014, 1:106. Doi 10.4172/jmids. <li data-bbox="831 592 1644 743">▪ EJ Raubenheimer, CEE Noffke, HD Hendrik. Chronic kidney disease mineral bone disorder: An update on the pathology and cranial manifestations. <i>Journal of Oral Pathology and Medicine</i>. 2014 (DOI: 10.1111/jop.12176) <li data-bbox="831 826 1644 978">▪ HD Hendrik ,EJ Raubenheimer. Vitamin D nuclear receptor and periodontal disease. A review. <i>Journal of Interdisciplinary Medicine and Dental Science</i> 2014, 3:157. doi: 10.4172/2376-032X.1000157 <li data-bbox="831 1061 1644 1177">▪ EJ Raubenheimer, CEE Noffke, HD Hendrik. 2014. Recent Developments in Metabolic Bone Disease: A Gnathial Perspective. <i>Head and Neck Pathology</i>. 2014;8: 475-481. <p data-bbox="786 1297 1458 1329"><u>Research participation 2014 (poster presentations):</u></p>

		<ul style="list-style-type: none"> ▪ Research Day, Faculty of Health Sciences, University of Limpopo to be held on 21-23 September 2014. ▪ Poster presentation (abstract approved for presentation): The role of airway surface liquid in the primary management of rhinosinusitis, Hendrik H.D and Raubenheimer E.J. <p><u>Published articles -2015:</u></p> <ul style="list-style-type: none"> ▪ Raubenheimer EJ, Noffke CEE, Hendrik HD. Review article. Chronic kidney disease – mineral bone disorder: an update on the pathology and cranial manifestations. <i>Journal of Oral Pathology and Medicine</i> 2015; 44: 239-243. ▪ S. Nel, H.D. Hendrik, S Boy ,E.J. Raubenheimer Recent perspectives Vis-a-Vis the biological basis of tooth eruption. <i>South African Dental Journal</i> 2015; 70:6-238-241
9	CAREER OPPOTUNITIES	