


Dear partners and colleagues:

I start with my traditional most important wish for the new year: **Good health to all, the fortune of fortunes.**

**AND.. May all your wishes (for yourself and your loved ones) come true in 2018.**

MY ANNUAL TRADITIONAL MENU INCLUDES	
1	<b><u>Our common achievements</u></b> I list main achievements and events that reflected our very hard work and joyful moments.
2	<b><u>Congratulations</u></b> to those who reached important professional milestones in their lives, (graduation, awards, appointment, promotion...) and personal developments (engagement, wedding, births, family reunions, overcoming health problems...).

### 1- GRADUATION, ADMISSIONS, AND THESIS DEFENSES

 <p>Class of 2018</p>	Rhea Souaid, Robin El Khoury graduated. Dr. Abdo's graduation has been postponed because of maternity leave in the summer of 2018 (Welcome Christian to the family).
Class of 2019	Michelle el Chekie, Sara Khamis, and Christophe Zoughaib have moved to the 3 <sup>rd</sup> year
Class of 2020	Josephine Boueiri, Sarah Khazaka, and Corine Samaha rose to PGY2
Class of 2021	We welcomed Annie Babakhanian, Elie Haddad, and Hiba Tannous as new PGY1 residents <i>(the 3 top ranking among 25 qualifying applicants and eventually 13 candidates who sat the entrance examination in July 2018).</i>

### THESIS DEFENSES

In 2018, we caught up to the normal cycle of thesis defenses, bringing the total of 6 MS in Orthodontics theses to **10**,

in addition to the **20** previous MS degrees (Human Morphology, Epidemiology, Microbiology, Pharmacology) by our former graduates:

April	Maria Doughan	The Psychosocial Impact of Malocclusion: a Cross Sectional Study <b>Committee members: Joseph Ghafari (Adv), Brigitte Khoury, Rasha Mashmoushi, Anthony Macari</b>
November	Rhea Souaid	Bone and Cartilage Tissue Engineering for Growth Modification Using Bone Marrow Derived Mesenchymal Stem Cells (BMSCS) on a Resorbable Electro-spun Scaffold <b>Committee members: Joseph Ghafari (Adv), Marwan Sabban, Elie Al-Chaer, Anthony Macari</b>

Upcoming thesis defenses for the MS in Orthodontics in 2019

Anticipated date		
January	Robin El Khoury (# <b>11</b> )	Analysis of the effects and predictors of orthodontic face mask therapy in growing class III patients
April	Nancy Abdo	The association between orthodontic treatment and dietary intake in post-pubertal growing

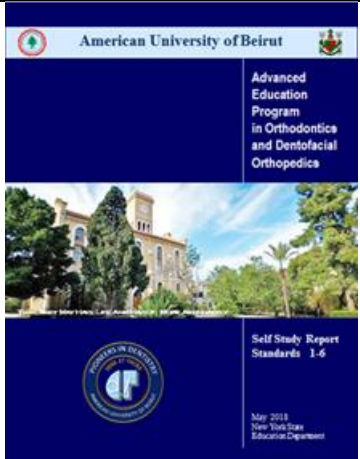
(# 12)

patients

**CONGRATULATIONS** and thanks to the degree recipients, advisors, co-advisors, members of research committees from the various AUB Faculties, and everyone who participated in the process from inception to completion.

*Thanks are also owed to reviewers for and members of the Institutional Review Board.*

## 2- SITE VISIT FOR THE NEW YORK STATE EDUCATION DEPARTMENT (NYSED)

May 31-June 1	Dr. Olivier Nicolay (New York University) and Dr. Eser Tufekci (Virginia Commonwealth University) were the examiners on behalf of NYSED.	
September	<p>In their report, they upheld the statement made in 2013, and in 2016, that our program was “second to none” and qualified the program as “very impressive.”</p> <p>They stated that their visit “confirmed that the MS in Orthodontics program outlined by the American University of Beirut provides the residents it admits with a comprehensive, thorough, and challenging education. <b>This challenging clinical and didactic education is second to none.</b>”</p>	

*We have submitted our response to the report and additional inquiry about facility resources by NYSED. Should the Report and Response be approved by NYSED, we shall enter the regular American cycle of reviews every 7 years.*

## 3. INTERDISCIPLINARY/INTERPROFESSIONAL RESEARCH

Interprofessional and interdisciplinary research remains a trademark of our program.

At the present time, our research interactions include various collaborative projects:




<b>-ENGINEERING</b>	Following the seminal collaboration on the research started by Kinan Zeno, Makram Ammouy, and Joe El Helou with the Faculty of Engineering, we continue the exploration of mechanics of tooth movement, employing finite element modeling	<ul style="list-style-type: none"> <li>-Christophe Zoughaib (Tooth intrusion)</li> <li>-Sara Khamis (Bone decortication)</li> <li>-Corine Samaha (Sleep apnea)</li> </ul>
<b>-GENETICS</b>	Building on the initial collaboration with Dr. Georges Nemer who heads the genetics unit in the Department of Biochemistry and Molecular Biology, and which yielded novel findings through Pamela Genno’s research on Class III genetics,	<ul style="list-style-type: none"> <li>-Michelle El Chekie (Genetics of Class II, division 1)</li> <li>-Josephine Boueiri (Hypodontia)</li> </ul>
<b>NUTRITION</b>	collaboration with the Department of Nutrition at the Faculty of Agriculture and Food Sciences.	-Nancy Abdo (effect of orthodontic treatment on nutrition)
<b>ANATOMY/CELL BIOLOGY</b>	Continuing collaboration with Dr. Marwan Sabban (Dept. of Anatomy, Cell Biology and Physiology)	-Sara Khazzaka (stem cells differentiation and response to mechanical conditions)

<b>ORTHODONTIC TREATMENT</b>	Research related to special aspects of diagnosis (e.g. malocclusion [R. Tarabay], chin anatomy [E. Ziade]) and treatment modalities (e.g. Class II treatment [Manoel Khoury]),	-Robin El Khoury (Face mask treatment of Class III malocclusion)
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<b>Acknowledgements</b>		
<b>Funding</b>	- the Karekin Tabourian Educational Fund and the Faculty of Engineering and Agriculture for supporting the finite element analysis projects, and the - <b>MPP and URB funds</b> for supporting the Class II genetics project. - <b>Collaborative Research Stimulus (CRS)</b> grant for additional ongoing work with our colleagues in Engineering.	
<b>Research Unit</b>	Includes all involved full-time and part-time faculty members, and the Research Fellows (Dr. Ingrid Karam, Dr. Makram Ammouy and Dr. Pamela Genno)	

#### **4. RESIDENT PRESENTATIONS MEETINGS**

This year again, we captured a healthy number of prizes that brings to **42** the total tally of national and international awards since program inception (October 2001).  
 CONGRATULATIONS residents and mentors.

<b>Best Poster Presentation</b> <i>clinical category</i>	Sara Khamis	AUB Biomedical Research Day	
<b>Best Poster Presentation</b> 1st/ 2nd /3rd Prizes	Sara Khazaka / Corine Samaha / Rhea Souaid	Lebanese Orthodontic Society	
<b>Best Poster Presentation</b> 1st/ 2nd /3rd Prizes	Rh�a Souaid / Michelle Chekieh / Sara khamis	BIDM Lebanese Dental Association	

#### **EVENTS**

The residents performed at events that again deserve special recognition. The activities included a display of talents and creative presentations (music [piano, guitar, harmonica], songs, dances, acting, movies and presentations.

- the annual graduation presentation in June with 2018 graduates present with their parents	
- the 5 <sup>th</sup> annual Talent Show on October 3, celebrating the 17 <sup>th</sup> anniversary of our division	
- the 3 <sup>rd</sup> annual St. Jude Happy Days Show (usually in December deferred to January 2019)	
- the annual Christmas Production in December 2018	


## 5. PRESENTATIONS/PUBLICATIONS/TEACHING BY FACULTY MEMBERS


both full-time and part-time. This sustained essential contribution by our faculty includes presentations at international and national institutions and organizations



- international	(American Association of Orthodontists, Univ of Pennsylvania, New York University, International Association for Dental Research, European Orthodontic Society, other)
- national	(LDA, LOS, LADR, other)

The full-time faculty alone published 7 papers in 2018.

## 6. CONTINUING EDUCATION SERIES


WE ARE NOW RECOGNIZED BY THE AMERICAN DENTAL ASSOCIATION CONTINUING EDUCATION RECOGNITION PROGRAM (CERTP) AS <b>ADA CERP PROVIDER</b>	
Very few international institutions/entities hold this prestigious responsibility and privilege among the nearly 500 providers (most of whom are in the USA). The first event at which we granted ADA CERP credits was the LADR meeting on December 15, 2018 (3.5 credits).	

Many of our events (6) were approved for credits by the Lebanese Dental Association and AUBMC's Graduate Medical Education office. Unique in this series were 3 annual activities:	
<p><b>the Fourth PIONEERS IN DENTISTRY symposium (March)</b></p>  	<p>Dr. Birte Melsen was honored for her worldwide achievements and impact. The symposium is sponsored by our division and the Lebanese Association for Dentofacial Research (LADR). <i>The recipient(s) of the 2019 Pioneers in Dentistry will be announced in January 2019.</i></p>
<p><b>the annual Alumni meeting (May)</b></p>  	<p>- The keynote speaker was Dr. James Hartsfield (University of Kentucky College of Dentistry), at the time also <b>Visiting Scholar</b> at our program for the week. The speakers included other guests and the presentations by residents and staff. <b>We owe thanks to the Diana Tamar Sabbagh Scholars Program for contributing to Dr. Hartsfield's visit.</b></p>

<p><b>the annual LADR meeting (December)</b></p>  	<p>Focused this year on <b>Ethics in Dentistry: from Bench to Practice</b>, grouping again, along with our division, the deans, faculty and students of the Saint Joseph University, the Lebanese University, and the Beirut Arab University. The keynote speaker was Dr. Meropi Spyropoulos, who was also honored as Pioneer in Dentistry. Speakers also included the presidents of the Lebanese Dental Associations (Lebanon and Tripoli), and AUB faculty members.</p>
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- Please note that the **Review Week** preceding the entrance examination (July) is also listed among our regular annual CE activities with corresponding LDA credits.
- **THANK YOU** to the CME office (Dr. G. Abi Saad, Ms. D. Nehme, Mr. H. Hamam, Mr. J. Bteich) for their collaboration.
- **THANK YOU** to our sponsors (Middle East Co/American Orthodontics, DMS, GSK) for their support of specific events.

## 7. "HOME" UPDATES

<p><b>Special achievements</b></p>	<p>Dr. Anthony Macari was promoted to <b>Associate Professor</b>. He also passed his European Board exams and is now <b>Diplomate of the European Board of Orthodontics</b></p>
<p><b>Appointments</b></p>	<p>Faculty teaching the "core" courses of the MS in Orthodontics were given the title of <b>Adjunct</b> faculty members (<i>Dr. Maria Saadeh, Dr. Hassem Geha, Dr. Chimene Chalala, Dr. Makram Ammouy</i>).</p>
<p><b>Expansion</b></p>	<p>The space allocated for the oral care clinical expansion to include 15 dental chairs was vacated by ENT in October after their move to the Daniel ACC building.</p>
<p><b>Alumni affairs</b></p>	<p>The AUB <b>Dental Medicine Alumni chapter</b> was announced.</p>
<p><b>Welcome</b></p>	<p>Ms. Mireille Berbery joined us as dental assistant.          And.. welcome back to Ms. Jessica Chaaya who opted to stay "home" and declined an offer at another institution.          We are indeed fortunate to enlist their loyal dedication, along with the continued appreciated contributions of ALL our other partners: Mr. Elie Nassar, Ms. Lynn Kreik, Ms. Sahar Ferekh, Ms. Karen Ghareeb, and Mr. Housam Daher. We are also fortunate to enlist Ms. Michella Semaan as a great member of our clinical team, and Ms. Nourhane Nasser for her excellent coordination of the residency program.</p> 



**ONE MORE TIME...Special BRAVO and THANK YOU**

**dear residents, faculty and staff**

**for your hard work, scholarly and other achievements and for keeping our educational mission and achievements "second to none".**

Our best wishes go to all our colleagues and staff in our parent department,  
along with heartfelt thanks to Dr. Samer Fakhri *for his sustained support of our mission and endeavors,*  
and great appreciation to the AUBMC administration (leadership and staff)  
*for responding to our many requests.*



As in past years, I quote Charles Dickens from his famous "A Christmas Carol": "God bless us, everyone."

Kind regards,



At departmental Christmas gathering December 16, 2018

**JOSEPH G. GHAFARI, DMD**  
Professor and Head  
Orthodontics and Dentofacial Orthopedics  
American University of Beirut Medical Center  
Tel/Fax: 961-1-370 793

CLINICAL EXCELLENCE.FRONTLINE RESEARCH = FRONTLINE EXCELLENCE  
**2001-2017 DECADE 2 ORTHODONTICS**  
**1910-2017 CENTURY2DENTISTRY@AUB**  
*2017 Anniversary: 151 AUB; 16 Orthodontics*