Greetings from the DEO

We have had an outstanding year, and we continue to look for ways to improve our programs. Several well-known guest speakers have lectured in the Department, and we are excited about plans to establish a Lainson Visiting Lectureship to assist in future support of these valuable opportunities. Alumni support has also made it possible for our third year residents to travel to the annual American Academy of Periodontology meeting. I think you would agree, that it is an amazing opportunity for residents to attend lectures given by the experts who wrote the papers they are reading and to network with colleagues.

Our renovated facilities on the 4th floor are benefiting educational and patient experiences, and the collegiate renovations throughout all of clinics will be completed in 2016.

Our group of residents is top notch, and the number of graduates attaining Diplomate status is growing! Our Visiting Scholar Program for individuals interested in periodontics is in its second year and is proving to be a successful program.

I hope you enjoy reading about our “award-winning” faculty and staff and about our departmental activities. Your support is appreciated, and I invite you to visit the College to see our progress. On behalf of our faculty, residents and staff, best wishes for a wonderful holiday and for good health and happiness in 2015!

Best wishes,

Georgia

Congratulations to Faculty and Staff

Dr. Lewis Humbert was presented with The Class of 2015 Superblock Faculty of the Year Award during the March 2014 Apollonian Frolics. On September 12, 2014, Dr. Lewis Humbert was also the recipient of the James H. McLeran Faculty Award which recognizes the ideals that Dr. McLeran espoused for excellence in patient-centered care.

Dr. Kim Brogden, Periodontics and Dows Institute for Dental Research, received the 2014 Iowa Board of Regents Award for Faculty Excellence. This award was awarded to six University of Iowa Faculty members for their excellence in teaching and supporting the University’s mission.

In November, Tracy Just, dental hygienist, received the College of Dentistry Ambassador award for 2014. The award is given to a staff member who inspires confidence by their effective communication and work, competence, exhibit a special commitment to patient care and/or the educational and research programs of the College of Dentistry.

At the All College Conference held in August 2014, Dr. Paula Weistroffer received the 2014 Collegiate Teaching Award. This fall Dr. Weistroffer was awarded an Instructional Improvement Award from the University to purchase periodontal dentoforms for use in predoctoral education.

Dr. Satheesh Elangovan is the Principal Investigator on a R21 grant from the National Institute of Dental and Craniofacial Research which will support the development of novel RNA based therapeutics for bone tissue engineering.

Dr. Gustavo Avila-Ortiz has been appointed to the editorial board of the Journal of Dental Research, effective January 1, 2015. On a personal note, congratulations to Gustavo and his wife, Irene, on the birth of their beautiful daughter, Maria, in March.
Impacting Clinical Periodontics Nationally and Worldwide

Dr. Georgia Johnson presented on management of noncarious cervical defects and peri-implantitis at the at Lackland Air Force Base in San Antonio in January. In March, she gave a presentation entitled “Smoking and Dental Implant Outcomes” during the 2014 III SCoI International Congress in Granada, Spain.

On April 5th, Dr. Gustavo Avila-Ortiz was a keynote speaker on alveolar ridge preservation in the 2014 Osteogenics Global Bone Grafting Symposium in Phoenix.

On May 2-3, Dr. Gustavo Avila-Ortiz gave a course with Drs. Hector Rios and Jill Bashutski, University of Michigan, on ‘Implant Site Development and Periodontal Regeneration’ for the Colombian Society of Periodontology in Cali, Colombia.

On June 13th, Dr. Paula Weistroffer was an invited speaker to the 2014 HRSA Training Conference at the University of Nebraska Medical Campus. She presented “Models for Interprofessional Education (IPE) and Practice (IPP) in the U.S. - Transforming Clinical Beginnings”.

On July 10th, UI president Sally Mason visited the college. Dr. Satheesh Elangovan had the privilege of presenting “Non-Viral Gene Delivery for Bone Tissue Engineering”.

In November, Dr. Kim Brogden was an invited lecturer at two international conferences in London. Dr. Brogden’s research on the ability of naturally occurring peptides to modify the host response to bacteria has received continual federal funding since 2001, which is impressive in the current funding environment.

Ms. Nancy Slach, RDH, BS, member of the Iowa Dental Board, traveled to Amarillo, TX and Kansas City, MO as an examiner for the Central Regional Dental Testing Service.

World-Renowned Lecturers Visit Iowa

On June 10th, Dr. Giorgio Pagni (Florence, Italy) presented “The alveolar socket and immediate implants: What factors influence the timing of treatment?”

On Aug 5th, Dr. Pablo Galindo-Moreno (Granada, Spain) presented “Peri-implant marginal bone loss”.

On Oct 17th, Drs. Hector Rios and Erika Benavides, faculty members in the Department of Periodontics and Oral Medicine at the University of Michigan School of Dentistry presented “Regenerative Sciences: Past, Present and Future” and “Enhancing Patient Care through Imaging”.

On Nov. 25th, Dr. Leandro Chambrone (Sao Paulo, Brazil) presented “The importance of evidence-based dentistry, and its chief tool, the systematic review”.


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During the Iowa Dental Association Annual Meeting in May, Drs. Satheesh Elangovan and Paula Weistroffer, and adjunct faculty, Drs. Adrienne Gunstream and Derek Borgwardt, presented a panel of lectures on “Current Topics in Clinical Periodontics.”

International experts met in Chicago June 2-4 for a workshop, “Enhancing Periodontal Health through Regenerative Approaches.” Dr. Gustavo Avila-Ortiz was an author of the consensus document on periodontal regeneration in furlations which will appear in the Journal of Periodontology. Dr. Avila-Ortiz also participated in the Academy of Osseointegration’s 2014 Summit Conference held in Chicago in early August. Conclusions from the meeting will be published in the International Journal of Oral and Maxillofacial Implants.

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At the end of June, we celebrated the graduation of our third year residents, Drs. Christopher Poulsen and Monica Raina, at a party hosted by the Humberts. They will make great contributions to the communities they will be practicing in Post Fall, ID and Toronto, Canada.

Along with saying goodbye to our graduates, we said goodbye to Juan Gonzalez, who participated as a visiting scholar in the first periodontics postdoctoral continuing education program. Thanks to his hard work and dedication, the first year of the program was a huge success. He has since returned home to Granada, Spain and will continue his Ph.D. work.

The 100th meeting of American Academy of Periodontology (AAP) was held in San Francisco, CA September 19-22. Faculty members and our senior residents enjoyed meeting with several Iowa Alumni at the Iowa reception held Saturday, September 20.

During the annual meeting, Dr. Gustavo Avila, Chair of the AAP Foundation’s New Century committee, moderated a continuing education session which highlighted recent Foundation award winners. Dr. Satheesh Elangovan began his term as a member of the Balint Orban Awards committee; Dr. Georgia Johnson attended two days of exam writing workshops as a consultant to the American Board of Periodontology. Drs. Clark, Weistroffer and Johnson represented Iowa at the predoctoral educators’ workshop that focused on faculty calibration. The postdoctoral workshop featured a forum on selecting residents who have attended a dental school using a pass/fail system and was attended by Drs. Humbert and Johnson.
Clinical Research Highlights

An article by Dr. Satheesh Elangovan and his team on non-viral growth factor delivery published in *Biomaterials* was ranked #1 in social media by Altmetrics. Dr. Elangovan’s recently funded R21 grant from the National Institute of Dental and Craniofacial Research will support further development of a novel delivery system for growth factors for bone regeneration which has the potential to overcome several limitations associated with current therapeutics that rely on protein delivery. Co-investigators in this study include Drs. Aliasger K. Salem (UI Pharmacy), Liu Hong (Dows and Prosthodontics) and Deborah V. Dawson (Dows and Pediatric Dentistry). Dr. Elangovan also received a one year Academy of Osseointegration grant to evaluate, “An in vitro Assessment of a Tissue Engineering Titanium Surface for Enhanced Peri-Implant Healing.”

Dr. Gustavo Avila-Ortiz (Principal Investigator) and Dr. Mitch Gubler (3rd year resident) are completing a randomized controlled clinical trial, supported by Osteogenics, to evaluate the effectiveness of alveolar ridge preservation. Dr. Gustavo Avila-Ortiz was the first author on a manuscript published in the *Journal of Dental Research*, “Effect of Alveolar Ridge Preservation after Tooth Extraction: A Systematic Review and Meta-analysis” which was featured in the ADA Specialty Scan this fall. Dr. Avila-Ortiz is also the Principal Investigator on a clinical study funded by Biohorizons to evaluate the impact of soft tissue grafting around dental implants. Dr. Chris Hutton (2nd year resident) is collaborating on this project which will be the basis for his MS project.

Thank you to our Adjunct Faculty Members

The Department is grateful for the excellent support over the past year in our predoctoral and postdoctoral programs from our loyal group of adjunct faculty members. A special thank you to Drs. Derek Borgwardt, Mike Franzman, Adrienne Gunstream, Truman Johnson, Jason Mailhot, Quinn Morarend, Ann Romanowski and Jo Rummelhart. Dr. Borgwardt presented a seminar and hands on workshop for our department this fall on implant provisionalization. This is now a requirement for all periodontics certificate programs.

Congratulations New 2014 Diplomates!

Congratulations to Dr. Joe Capps and Dr. Leslie Carroll (2013 Periodontics, MS Oral Sciences) for their successful completion of the American Board of Periodontology Exams in May 2014. We are proud of their achievement of this career milestone.