



Midwest Society of Periodontology Newsletter

Fall 2014

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**Midwest Society of
Periodontology
2014-2015 Officers
and
Executive Committee**

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President's Message:

I hope everyone is enjoying the summer. Unfortunately, it always ends before we'd like. It's time to begin planning for the last quarter of 2014, and new beginnings in 2015.

Behind the scenes the MSP wheels continue to turn with the help of our invaluable executive director, Greg Fauth. Our finances are excellent, our committees productive, and our board strong. The Strategic Planning Committee chaired admirably by our President-Elect, Diego Velasquez, has been formed and has completed its initial discussions. The committee will not only review our purpose, goals and mission, but also governance, membership and meetings in an effort to keep the MSP viable and relative. The MSP exists for its members. Your input and participation are important, valued, and helpful in keeping the MSP responsive.

Congratulations to Tim Walsh on his reelection to AAP District 4 Trustee. A special thanks to Tim, Jeffery Johnston and Stephen Meraw for their ongoing efforts as trustees on behalf of District 4 and the MSP. Their support at the AAP level often goes unnoticed, but they play an important and informative role for our members.

As we head into the AAP Annual Meeting and the fall, this is a good time for all to begin planning to attend the MSP Annual meeting in Chicago from February 27th – March 1st, 2015. This will be a very popular meeting that can impact not only your practice, but also those of your referring doctors. I am looking forward to Dr. Danny Melker's limited attendance program on biologic shaping and periodontal management of the restorative case on Friday February 27th, prosthodontist Dr. Stephen Chu's perspective on Saturday February 28th on how the relationship between prosthodontics and periodontics can increase referrals, and the meeting's final program on Sunday March 1st by Dr. Cary Shapoff on helping our restorative colleagues with esthetic periodontal management of the dental implant.

I would like to encourage the participation of all District 4 members in the MSP. Individual benefits include not only high level CE, but opportunities to share your knowledge with experienced colleagues and to connect your practice with younger inexperienced colleagues. Participation and representation from all eleven states and the two Canadian provinces associated with the MSP benefits periodontics in District 4, and subsequently all of our practices. If you have the opportunity to encounter nonmember periodontists in your area, take a minute to promote the MSP and its benefits. Encourage them to join the MSP for the betterment of our specialty in District 4.

I hope to see many of you in San Francisco at the AAP Annual Meeting. It's a great venue and the meeting, as always, will be challenging and informative. While the AAP paints the broad picture of periodontics, the MSP winter meeting is a unique opportunity to attend a focused and intimate gathering that not only can recharge us professionally, but allow us to more readily share our experiences with our colleagues.

See you in San Francisco in September, and in Chicago in February.



Dr. Paul Ricchetti, President

Reserve These Dates!!
Midwest Society of
Periodontology of
58th Annual Meeting
February 27 – March 1, 2015

2015 PROGRAM

February 27 – March 1, 2015

Friday

(Additional Fee and Limited Attendance)

Crown Lengthening with Biologic Root Shaping and Soft Tissue Grafts

Dr. Danny Melker

Saturday

How the Periodontist Can Support the Restorative Dentist and Increase Perio Referrals

Dr. Steven Chu

Sunday

Managing the Soft Tissue Interface - Helping our Restorative Colleagues Achieve Esthetic Outcomes with Dental Implants

Dr. Cary Shapoff

Events to Attend at the AAP Meeting in San Francisco

District 4 Forum

Saturday, September 20, 2014 - 12:45 - 2:15pm

Moscone West Convention Center - Room 3006

The District forum provides you an opportunity to have dialogue with trustees about initiatives that the Academy is planning, and learn about issues that are being addressed by the Board of Trustees. An agenda of Forum topics will be posted on the AAP website prior to the Annual Meeting.

AWARD CEREMONY

Friday, September 19, 2014 - 5:30 - 6:30 pm

Moscone West Convention Center - Room 3020

AAP Foundation scholarships and awards will be announced as well as all AAP Awards

General Assembly Business Meeting

Sunday, September 21, 2014 - 5:15 - 6:15 pm

Moscone West Convention Center - Room 3018

Voting members are encouraged to attend the General Assembly Business Session. This is the session at which the Academy's budget for the coming year will be proposed, new and re-elected officers and trustees will be installed and outgoing officers and trustees will be recognized. AAP Foundation scholarships and awards will be announced. Also, a Bylaws change in the election of the President of the Academy will be voted on.

University of Missouri - Kansas City

Residents

The class of 2013: Drs. Mike Norouzinia successfully defended his thesis on his project titled: "A pilot study evaluating the effect of collagen sponges on healing and pain following tooth extraction". He is now in private practice in the San Antonio, TX area. Dr. Sara Walls completed her certificate program in Periodontology and is now in private practice in the Kansas City area as an Associate Periodontist.

Our Senior Residents

Drs. Trey Holt and McClain Woolsey are getting ready to graduate in December. Dr. Holt plans to join a practice in the Kansas City area as an Associate Periodontist. Dr. Woolsey plans to move home to Destin Florida and practice Periodontics. McClain and his wife Jenni are expecting a new baby in December. Our second year residents Drs. Nick Fujii and Mike Fullem are progressing well in the program are looking forward to working on more complex cases.

The UMKC advanced Education program in Periodontics welcomed 2 new residents on July 1. Dr. Cassandra McKenzie obtained her DDS from the University of Illinois at Chicago. Cassandra also has a MA in Teaching from the John Hopkins University. Cassandra is originally from Sabetha, Kansas and her family is glad to have her closer home. Cassandra's husband Kevin is an attorney and will soon be relocating to Kansas City from Chicago to work with a local firm. Cassandra plans to pursue a Master's degree.

Dr. Patrick Driver is a graduate of UMKC-school of Dentistry class of 2010. He completed a General practice residency in Portsmouth Naval Academy, VA and was stationed in Okinawa, Japan from 2011-2014. Patrick and Laura (also a UMKC- SOD graduate and now works as a generalist at the UMKC School of dentistry) have 2 children and live in Liberty, Missouri.

Alumni:

Drs. Mike Umaki, Nabil Beaini and Adam McClellan successfully completed the certifying exam by the American Board of Periodontology to become Diplomates! Congratulations!

Faculty:

Drs. Laura Brown, Nancy Newhouse and Rich Gilman continue to support the program by staffing the graduate Periodontics clinic and/or staffing resident seminars. Dr. Nabil Beaini, Graduate of the program (class of 2011) will soon be joining as an adjunct faculty member.

Dr. Charlie Cobb retired after serving as Interim Director of Graduate Periodontics. He continues to volunteer his time helping staff clinic one day a week and continues to help with resident research projects. Dr. John Rapley, Dr. MacNeill and Dr. Salas continue to remain active teaching both Pre-doctoral and Graduate Periodontics. Dr. Rapley leads classic literature seminars every fall and winter semesters. Drs. MacNeill and Dr. Rapley both help with Current Literature Seminars. Dr. Simon MacNeill also serves as the Chair of the UMKC-IRB. Dr. Mark Edwards (part-time) continues to help the residents staffing advanced cases in the graduate Periodontics clinic. Dr. Mabel Salas is working on certification course in clinical research through the University of Kansas and hopes to help with Resident research in the future. Dr. Keerthana Satheesh started as Director of the Advanced Periodontics program on June 1st, 2014. She is also participating in the ADEA leadership Institute this year and maintains a private practice part time. After 10+ years working in the pre-doctoral program and part time in graduate periodontics she looks forward to working with the residents full time.

News for the Midwest Society of Periodontology July 2014:

Our program welcomes three new residents: Dr. Elizabeth Binz graduated from the University of North Carolina School of Dentistry, Dr. Daniel Fortino graduated from the University of Western Ontario – Schulich School of Medicine and Dentistry and Dr. Angela Siterlet graduated from Southern Illinois University School of Dental Medicine. All three residents graduated from dental school in 2014.

Three residents graduated from the program this year: Drs. Omar Huni, Jonathan Tarleton and Fabia Younus. They completed the following research projects as part of their Master's degree: Comparison of two instrumentation techniques for lateral window sinus graft procedures; Prevalence, location and height of maxillary sinus septa evaluated with CBCT analysis; and Accuracy of cone beam computed tomography for dental implant planning. Dr. Tarleton is starting a private practice in Seattle, Washington. Dr. Younus is continuing her post-doctoral education in orthodontics at Columbia University in New York. Dr. Huni plans to enter private practice.

Our faculty are involved in many areas of research. Most notably, Dr. Nathalia Garcia is the PI for an NIH grant, Biomarkers of Periodontal Disease Progression.

Congratulations to Dr. Bader Abdeen (2013 graduate) for obtaining the American Board of Periodontology certification this year.

Dr. Robert Bitter was appointed to a full-time position in the Section of Periodontics at our affiliate institution, Southern Illinois University School of Dental Medicine. We look forward to Dr. Bitter's involvement with and contributions to the Graduate Periodontics program.

Our graduating class of 2014 are:

Drs. Braden Atkins - is back to Utah for Private Practice; AbdelAzeem Hazem – decided to join the CWRU AEGD program for one year before going back to Egypt to teach and Practice; Shahir Abdel-Malek - who is planning practice soon in any NE State and Cynthia Trajtenberg - is going back to Houston to teach and practice.

Selected Publications by the Graduate Students and Faculty:

Dababneh R.H., Bissada N.F. Syndromes that Include Both Palmoplantar Keratoderma and Severe Periodontitis: A Review. *J. Dentistry*. 4:186. doi:10.4172/2161-1122.1000186(online), 2013.
Dababneh R.H., Jebrin S.E., Khouri A.T., Bissada N.F. Papillon-lefevre or Haim-Munk Syndrome? Report on Two Sisters in a Consanguineous Family. *Clinical Advances in Periodontics*. doi:10.1902/cap.2014.130089(online), 2013
Yu X., Abdel-Malek S., Sha J., Feng Z., Eapen B., Nithianantham S., Das B., Karn J., Weinberg A., Bissada N.F., Ye F. Short Chain Fatty Acids From Periodontal Pathogens Suppress HDACs, EZH2, and SUV39H1 to Promote Kaposi's Sarcoma-associated Herpesvirus Replication *J. Virol.* JVI.03326-13; doi:10.1128/JVI.03326-13. 2014
Leybovich M., Bissada N.F., Teich S., Demko C., Ricchetti P. Non-cariogenic Cervical lesions Treated by Tissue Graft or Composite Restoration. *Int. J. Periodontics and Restorative Dent.* Sept 2014
Alli F., Bhandal G., Thacker H., Palomo I. Can the FRAX Tool be a Useful Aid for Clinicians to Refer Patients for Periodontal Care? *Menopause*. 2014 June 30
Palomo I. BMI is a Predictor of Periodontal Therapy Outcomes. *Journal of Evidence-Based Dental Practice*. DOI: 10.1016/j.jebdp.2014.04.024
Palomo I., Terezhalmay G.T. Pharmacology of Systemic Antibacterial Agents: Clinical Considerations. CE online course on DentalCare.com. 2014
Al-Hamoudi N., Bissada N., Al-Askar M., Al-Hezaimi K. Ridge Preservation Surgery after Single and Multiple Adjacent Tooth Extractions: A Microcomputed Tomography Study in Dogs. Accepted for publication, *Int. J. Oral and Maxillofac. Implants*. 2014
Alwithanani, N., Bissada, N., Joshi, N., Bodner, D., Demko, C., MacLennan, G., Skillicorn, R., Ponsky, L., and Gupta, S.: Non-surgical Periodontal Treatment Improves Prostate Symptom Score and Lowers Serum PSA in Men with High PSA and Chronic Periodontitis. *BJUI*(submitted)

Abstracts:

Zitouni S., Bissada N., Skillicorn R., Strem J., Nayak I., Demko C. Omega -3 Fatty Acids Intake and Intraoperative Bleeding During Periodontal Surgery. *J. Dent. Res. Abst.* #1186327. 2014
Atkins B., Palomo I., Teich S., Demko C., Ahern S., Bissada N. Does Risk Assessment Predict Periodontal Disease Progression. *J. Dent. Res. Abst.*#186961. 2014
Paes Batista da Silva A., Barros S.P., Moss K., Preisser J., Marchesan J.T., Aspiras M., Ward M., Offenbacher S. Microbial Profiling in Experimentally-induced Biofilm Overgrowth Among Subjects with Various Periodontal States; Associations with Incidents Periodontal Disease Progression. *J. Dent. Res. Abst.*# 186562. 2014
Chapters in Textbooks:
Murphy NC, Bissada, NF, Davidovitch, Z, Kucska S. Tissue Engineering for Orthodontists and Periodontist: Rationale, Hypotheses, and Protocol, In *Integrated Clinical Orthodontics*, Chapter 12, Davidovitch Z and Krishnan, V (Eds.) 2013.

Murphy NC, Bissada NF, Wilcko MT, Davidovitch Z, Enlow D, Dashe J. Corticotomy Facilitated Orthodontics: Clarion Call or Siren Song? In: *Orthodontically Driven Corticotomy*. Chapter 1, Brugnami F. Ed., Wiley, Ames 2014.

Murphy NC, Orthodontic Applications of Alveolar Decortication. In: *Orthodontically Driven Corticotomy*. Chapter 4, Brugnami F. Ed., Wiley, Ames 2014.

Murphy NC, Stem Cell Therapy for Orthodontists: Part I, a Conceptual Introduction In: *Stem Cell Therapy and Tissue engineering in Dental Sciences*. Vishwakarma A, Ed. Elsevier, London 2014.

Murphy NC. Stem Cell Therapy for Orthodontists: Part II, a Clinical Protocol In: *Tissue engineering in Dental Sciences*. Vishwakarma A, Ed. Elsevier, London 2014.

Murphy NC, Bissada NF, Enlow DH, Davidovitch Z. Foreword. In: *Orthodontically Driven Corticotomy, Forward*. Brugnami F, Ed., Wiley, Ames, 2014.

Presentations at National and International Meetings:

“Recent Finding linking Oral Health to General Health” and “Advanced Surgery for the Treatment of Periodontal Conditions and Implant Placement,” International Conference on Dental and Oral Health, OMICS Group, Las Vegas, NV, August 2013. (N. Bissada)

“The link of Periodontal Disease and Metabolic Syndrome and Diabetes.” Grand Rounds in University Hospital, Cleveland, OH, December 2013. (N. Bissada)

“Periodontal Outcomes in Postmenopausal Women.” Xi’an University, Shaanxi, China, November 2014. (L. Palomo)

“Oral Systemic Health link.” Health Legacy of Cleveland, March 2014. (L. Palomo)

Media attention:

“Oral Bacteria Responsible for Artificial Joint Failure.” Dental Tribune, 2013. (N. Bissada).

Alzheimer’s Disease and Gum Health: Is There a Connection? Interview for Preserving Your Memory: the Magazine of Health and Hope, Spring 2014. (L. Palomo).

“Inflammation links obesity and gum disease.” The St. Louis American: Health Brief. June 2013. (Bissada et al.)

“Tooth brushing Mistakes We All Make-The Right Way to Brush your Teeth” Redbook, June 2014. (L. Palomo).

Incoming Graduate Students

Dr. Basmah Alamiri: born and raised in Kuwait. She earned her B.D.S. from October 6 University, Egypt, in 2008. She worked for five years as a general practitioner in various clinics within the Kuwait’s public health care system.

Dr. Peter Amin: He loves basketball, novels and periodontics. He is a graduate of Ain Shams Dental School, Egypt in 2011, did an externship in CWRU School of Dental Medicine, Department of Periodontics in 2010, and a fellowship in the summer of 2013.

Dr. Sorin Boeriu: He has been practicing general dentistry in Toronto for 17 years. He said “The decision to choose CWRU program was a no-brainer, I received an excellent education and a great deal of clinical experience while earning my D.D.S. degree, and I am sure the tradition continues in the graduate program.”

Dr. Mark Hebeish was born in Cleveland but lived his entire life in Cairo, Egypt, where he earned his B.D.S from Ain Shams Dental School in 2009. For the past year he has been enrolled in a fellowship program in our school.

Department News:

Drs. N.Al-Hamoudi, M.Leybovich, J. Nguyen and A. Paes became Diplomate of the AAP. Congratulations to all! Dr. Paul Ricchetti, received the 2014 American Academy of Periodontology Award for Outstanding Teaching and Mentoring.

Dr. Nabil Bissada, elected alternate delegate of the Ohio Dental Association, and Board of Trustees member of the Midwest Society of Periodontology.

What a busy year for the department!

Dr. Kim A. Brogden gave an invited presentation at the 3rd International Meeting on Antimicrobial Peptides (IMAP 2013), which was held in London, UK, in September. His talk was “HBD3 Regulated Chemokine and Cytokine Responses.” The meeting was held in Burlington House, the London Headquarters of the Royal Society of Chemistry.

Faculty from the Department of Periodontics attended the 99th Annual Meeting of the American Academy of Periodontology. Dr. Gustavo Avila chaired the AAP Foundation’s New Century Committee meeting, and he presented, “Predictors of Healing Dynamic following Intraoral Bone Grafting” in the AAP Foundation’s session on future horizons in periodontology. Drs. Avila and Georgia Johnson served on award selection committees for the Foundation. Dr. Paula Weistroffer represented Iowa at the State and Regional Assembly. Drs. Clark, Elangovan and Weistroffer attended the Predoctoral Workshop: The Art and Science of Educating to Competency. Drs. Lewis Humbert and Johnson represented Iowa at the Postdoctoral Educators Workshop: Decoding Insurance Codes: Teaching our Residents, and Dr. Avila attended the AAP Education Committee meeting.

Dr. Satheesh Elangovan received the AAP Foundation Sunstar Research Fellowship for basic science at the AAP Foundation Signature Recognition Event held at the Philadelphia Museum of Art. Full-time, board certified periodontal educators engaged in periodontal research are eligible to apply for this competitive award, and the \$50,000 award is designed to assist faculty members in debt relief. This was the inaugural year for this award which is intended to advance the specialty through cutting-edge research.

Satheesh Elangovan was selected by the American Society of Bone and Mineral Research program committee as one of the invited finalists for the presidential poster competition in the society’s annual meeting held in Baltimore, MD. The title of his presentation was ‘Enhanced Bone Regeneration Utilizing Non-Viral Nanoplex Activated Collagen Scaffolds’. The objective of this study was to develop a non-viral gene delivery system to enhance bone regeneration that has the potential to overcome the barriers that exist with current bone biomaterials. The collaborators for this study were Drs. Aliasger Salem (UI Pharmacy), Liu Hong and Deborah Dawson. Drs. Clark Stanford and Georgia Johnson served as consultants for this study.

As president of the local AADR, Dr. Gustavo Avila Ortiz, welcomed Dr. William Giannobile as the keynote speaker for the 61st Annual Meeting of the Iowa Section of the American Association for Dental Research (AADR) on February 11, 2014. Dr. William Giannobile, Najjar Endowed Professor of Dentistry & Biomedical Engineering at the University of Michigan School of Dentistry and College of engineering. His presentation was “Oral and Periodontal Regenerative Medicine: Prospects for the Future.”

Dr. Georgia Johnson presented lectures on periodontal and restorative considerations for management of noncarious cervical defects and peri-implantitis at the US Air Force General Dentistry Residency Program at Lackland Air Force Base in San Antonio in January.

Drs. Gustavo Avila-Ortiz and Satheesh Elangovan were the featured speakers at the GV Black Study Club in Des Moines in February 2014. They gave a full day update on ‘Management of the extraction site and Periodontal regeneration’.

Residents and faculty attended Midwest Society of Perio meeting— Steve Clark served as a judge for the graduate student research forum. Paula (secretary) now is Vice-President (2014-15). Gustavo will be coordinating the grad student research forum in 2015. Dr. Satheesh Elangovan has received a one year Academy of Osseointegration grant for \$14,500. The grant will be used for his research project, “An in vitro Assessment of a Tissue Engineering Titanium Surface for Enhanced Peri-Implant Healing.” Dr. Veerasathpurush Allareddy, Department of Orthodontics; Dr. Liu Hong, Department of Prosthodontics; and Dr. Aliasger Salem, College of Pharmacy, will be co-investigators on the grant. Dr. Georgia Johnson, head of the Department of Periodontics, and Clark Stanford, associate dean for research, will be consultants.

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On March 27, Dr. Georgia Johnson gave a presentation entitled “Smoking and Dental Implant Outcomes” during the 2014 III SCOI International Congress in Granada, Spain. (pictured: Dr. Georgia Johnson, Miguel Romero Bustillos, and Irene Jimenez Espinosa; both visited the department in August 2013 and Miguel will be participating in the Periodontics Professional Development Program beginning in July 2014)

University of Iowa continued

Congratulations to Dr. Lewis Humbert. He was presented with The Class of 2015 Superblock Faculty of the Year Award during the 2014 Apollonian Frolics (Gumball) on March 29, 2014

On April 5th, Dr. Gustavo Avila gave a presentation entitled 'Alveolar Ridge Preservation: Historic Perspective and Current Evidence' as a keynote speaker in the 2014 Osteogenics Global Bone Grafting Symposium.

On May 2nd and 3rd Dr. Gustavo Avila gave a course with Drs. Hector Rios and Jill Bashutski, from the University of Michigan, on 'Implant site development and Periodontal regeneration' for the Colombian Society of Periodontology in Cali, Colombia..

During the Iowa Dental Association Annual Meeting on May 2nd and 3rd, Drs. Satheesh Elangovan and Paula Weistroffer, and adjunct faculty, Drs. Adrienne Gunstream and Derek Borgwardt, all Department of Periodontics, presented "A Panel of Lectures on Current Topics in Clinical Periodontics." Their CEU session was sponsored in part by the Iowa Society of Periodontology.

During the June Iowa Board of Regents meeting, Dr. Kim Brogden 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. Congratulations Kim!

International experts in periodontal regeneration met in Chicago June 2-4 to participate in an American Academy of Periodontology sponsored workshop entitled "Enhancing Periodontal Health through Regenerative Approaches." Dr. Gustavo Avila-Ortiz, Department of Periodontics, actively participated in the group which focused on the treatment of furcation defects. A systematic review and consensus will be published in Journal of Periodontology while the clinical guidelines will be published in Clinical Advances in Periodontics. Dr. Avila-Ortiz also participated in the Academy of Osseointegration's 2014 Summit Conference, co-chaired by Dr. Clark Stanford, which was held in Chicago in early August. Five teams of experts developed systematic reviews and clinical practice guidelines for management of the edentulous maxilla. Dr. Gustavo Avila Ortiz chaired one of these working groups which addressed the use of biologics. Conclusions from the meeting will be published in the International Journal of Oral and Maxillofacial Implants.

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" Drs. Satheesh Elangovan and Georgia Johnson made presentations on Evidence Based Dentistry and Peri-implantitis, respectively, at the collegiate sponsored Last Chance Continuing Education Program June 13. 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,".

At the end of June, we celebrated the graduation of our third year residents, 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.

On July 1st, we welcomed the Class of 2017 to the program, Drs. Sarah Rinehart (Univ. of Iowa graduate) and Kelsey Tengan (Creighton Univ. graduate). On July 14th, we welcomed Miguel Bustillos to the periodontics postdoctoral continuing education program. Miguel graduated from University of Granada in Granada, Spain at the end of June and is looking at continuing his education and research while in the program.

Faculty attended numerous continuing education programs. On May 16th and 17th, Dr. Gustavo Avila attended the course 'Soft tissue grafting' by Dr. Pat Allen in the Center for Advanced Dental Education in Dallas, TX. Drs. Gustavo Avila Ortiz and Juan Gonzalez (visiting scholar) attended the 2014 Ramfjord Symposium "From Periodontitis to Peri-Implantitis: A Multi-Specialty Approach" held June 5-7, 2014 at the University of Michigan. Dr. Avila - Ortiz also made a presentation on ridge preservation at the conference. On June 6th, Dr. Paula Weistroffer attended a daylong conference on "Cultural Diversity in Health Care". The conference was geared towards educating Iowa's health care providers about the importance of providing culturally responsive and competent care in order to improve access to quality health care and reduce health disparities. Dr. Georgia Johnson attended a conference, "Teeth for a Lifetime", cosponsored by the specialty organizations of endodontics, periodontics and prosthodontics in Chicago the weekend of July 18th.

Guest speakers in our department included Dr. Luca Gobbato (Verona, Italy) on August 9, 2013, "Management of the extraction site in the anterior maxillary segments and implant esthetics". On May 21th, Dr. Nadeem Karimbux, (Tufts and Editor of the Journal of Dental Education) presented "Peri-Implantitis" to the Periodontic residents and faculty and presented "Getting your work published in the Journal of Dental Education". Dr. Giorgio Pagni (Florence, Italy) on June 10 and Dr. Pablo Galindo-Moreno (Granada, Spain) on August 5. Dr. Pagni presented "The alveolar socket and immediate implants: What factors influence the timing of treatment?" to the residents and faculty. Dr. Galindo-Moreno gave a lecture on peri-implant marginal bone loss, which was attended by faculty and residents from the departments of Periodontics and Prosthodontics.

Mayo Clinic

We experienced another busy year at Mayo Clinic. Every year seems to be busier than the previous year.

All of our postgraduate programs experience a bittersweet summer, graduating residents and welcoming new residents. We bid a fond farewell to Dr. Pearl Lai in June. Pearl will be practicing in the Denver area, returning home. Pearl did herself proud and developed into an excellent clinician. Next on the horizon for Pearl is completion of her research project evaluating the survival of wide platform implants and board certification.

The Department welcomed residents in periodontics, orthodontics, and maxillofacial prosthetics. We of course are proudest of "our" first year periodontics resident, Dr. Jason Naud. Jason completed dental training at the Dental School in Seattle, Washington. He is already establishing himself as a stellar resident and a most welcomed addition to the periodontics residency.

Dr. Lauren Syrowik entered the second year and continues to keep the program director on his toes. She recently received IRB approval to move forward with a clinical project, the first clinical project approved in periodontics in a number of years. Dr. Syrowik will be evaluating the efficacy of using a unique allograft material in place of conventional free gingival grafts.

No resident interviews were conducted this summer. The program is in the "off" year and will not accept a resident this year. The next cycle will start next summer with resident interviews, accepting one resident to start the program in June 2016.

The graduate program is fortunate to have a close working relationship with both the Prosthodontic and Orthodontic programs. We learn from each other, and the residents gain invaluable clinical experience as a result of the close working relationship. This relationship is particularly important given requirements of the periodontal residents to provide provisional restorations for dental implants.

The Department welcomed a third Maxillofacial Prosthodontist, Dr. Jim Kelly. Jim has been in the clinic less than a month and has endeared himself to everyone with his talent and soft spoken manner.

Dr. Phil Sheridan continues to set the standards by which we are judged. I doubt any of us will be able to provide the quality and quantity of compassionate care he provides on a daily basis. Phil recently celebrated 47 years at Mayo Clinic.

The Department has started to advertise for a replacement for Phil who may be retiring sometime in 2015. A number of qualified applicants have applied for the position. Ultimately the person hired will assume the responsibilities of the program director. The Department anticipates having a replacement for Dr. Sheridan sometime in the spring of 2015.

Ohio State University

At The Ohio State University (OSU) Graduate Program, we celebrated in early June the graduation of the class of 2014: Dr. Munirah Burashed returned to her native Kuwait where she will combine clinical periodontal practice in the public sector and part-time teaching at the Kuwait University Faculty of Dentistry; Dr. Ming Chien returned to his native Taiwan and will be pursuing private practice; Dr. Matthew Lemke is back in Cleveland and pursuing private practice; and Dr. Rachana Hegde, our 2013-2014 Chief Resident, will continue her periodontal career as full-time faculty at the College of Dental Medicine, Roseman University, in South Jordan, Utah. All four of our 2014 graduates successfully defended their MS thesis and were awarded the MS degree along with their specialty certificate. Congratulations to the class of 2014!

In late June we welcomed the newest members of our Buckeye Periodontal family, the class of 2017: Dr. Guo-Liang Cheng, a graduate of the National Defense Medical Center School of Dentistry (Taipei, Taiwan); Dr. Ross Gordon, a graduate of the OSU College of Dentistry; Dr. Urvasi Nighojkar, a graduate of the Bharati Vidyapeeth Deemed University Dental College (Pune, India); and Dr. Allan Wattimena, a graduate of the University of Minnesota School of Dentistry.

Notable achievements by alumni during the last year include: Drs. Alexandra Tsigarida ('13) and Hsiu-Wan Meng ('13) attained ABP Diplomate status this past May. Dr. Rachana Hegde ('14) was selected to present her research as a finalist for the Balint Orban Memorial Competition, at the upcoming 2014 AAP meeting in San Francisco. Two of our alumni, Dr. Paul (Pao-ying) Lin ('91) and Dr. Jeffrey Wessel ('07) visited the program and lectured to our residents and faculty. Congratulations to our alumni for their successes!

We look forward to seeing all OSU alumni and friends at our annual Buckeye Reception, which will be held at 5:30 pm on Saturday, September 20, 2014, during the upcoming AAP annual meeting in San Francisco, CA. The reception will be held at the San Francisco Marriott Marquis (Headquarters Hotel), in the YB Salon 1 and 2, Lower B2 Level. This is a special year for the Buckeye Periodontal family, as we celebrate the 65th Anniversary of the Program and the Centennial of the Academy, and we hope most of you will be able to attend.

University of Manitoba

There have been many exciting developments in our program over the last year. We will be undergoing a clinic renovation in the next 2 years with new resident and staff offices as the first phase of our renovation project and the expansion of our clinic facility as part of phase II. An oral radiologist has joined our faculty and we will be working together on new graduate course development in this area. Another novel development is the inclusion of oral pathology clinics once per month to our curriculum to address the need for consultations in our faculty. Residents will be working directly with our oral pathologist in examining, diagnosing and treating patients. The purchase of and training on 2 new dental microscopes has further enriched the clinical aspect of our program.

There are currently 5 residents enrolled in our 3 year MDent Periodontal specialty program.

Dr. Colin Bonnet, our third year resident is completing his research on a possible relationship between periodontal disease and vitamin D by analyzing data from the Canadian Health Measures Survey (CHMS).

Dr. Xiaoming Xiang is also in his last year of training and is completing a study on a patented infrared optical spectroscopy device that can be used to diagnose progressing inflammation in periodontal tissues.

Dr. Maria Castro is a second year resident that is involved in a clinical trial comparing two different methods of implant debridement and maintenance and their effect on clinical parameters and cytokine profiles around implant fixtures.

Dr. Nader Hamdan is also a second year resident and his research involves the investigation of sphingosine-1-phosphate as a biomarker for periodontal disease.

Dr. Gertrude Nwachukwu, a third year resident is comparing 2 different methods of interdental cleaning around dental implants and their effects on local clinical and biological parameters.

Indiana University School of Dentistry

Graduate Class of 2014:

We have recently bid farewell to four graduating students: Drs. Brittany Lane, Mahogany Miles, Sayij Makkattil, and Weiping Zhang. At the time of this writing, all are still exploring opportunities in private practice. We wish all of our graduates the best in their future endeavors and look forward to future successful achievement of ABP Diplomate status.

As of late-July, Drs. Brittany Lane, Sayij Makkattil, and Weiping Zhang, have successfully defended their research projects, submitted a manuscript for publication and were awarded their MSD degrees. Dr. Mahogany Miles is in the very final stages of editing her manuscript and is expected to be finished by the time this newsletter is distributed. Dr. Lane's research project assessed the calibration of periodontal diagnosis and treatment planning among dental students at three dental schools (accepted for publication J Dent Edu). Dr. Makkattil examined the expression profiles of peptidoglycan recognition proteins in chronic periodontitis. Dr. Zhang evaluated the effects of cigarette smoking condensate on the collagen degrading ability of human gingival fibroblasts. Dr. Miles evaluated the ability to visualize of the mandibular canal from cross-sectional CBCT images for implant treatment planning.

Incoming Graduate Students:

We now have three new graduate students who joined the program in July. Dr. Tatiana de Bedout and Dr. Allison Marlow are no strangers to IUSD as they are recent graduates (2014) from our pre-doctoral program. Dr. Takaaki Kishimoto is a 2007 graduate of Nagasaki University School of Dentistry and subsequently received his PhD from Nagasaki University Graduate School of Biomedical Sciences in 2012. We are excited about them joining the program in light of their diverse training and backgrounds.

Student Awards:

The recipients of the Henry M. Swensen Awards for Clinical and Didactic Excellence in Graduate Periodontics for 2013-2014 were third year residents, Dr. Brittany Lane and Dr. Mahogany Miles.

ABP Results:

Drs. Duane Bennett, Dena Khoury, Matthew Rowe, and Luke Liszka (VA), all 2013 graduates, successfully passed the ABP Qualifying (Written) Examination given last August.

Drs. Shilpa Mailapur (2007), Mohamed Khaled (2012), Duane Bennett (2013), Dena Khoury (2013), and Luke Liszka (VA 2013) are the newest Diplomates of the American Board of Periodontology after successfully passing the ABP Oral Examination in May 2014. Congratulations to Shilpa, Dena, Mohamed, Duane, and Luke for their truly outstanding efforts in preparation to successfully challenge this examination.

Faculty News

Dr. Michael Kowolik has recently been appointed as Executive Associate Dean for the School of Dentistry. Dr. Daniel Shin has been appointed the Joint Commission on Dental Examinations to serve on the National Board Periodontics Test Construction Committee beginning in January 2105. Dr. Steve Blanchard will assume responsibilities as the Chairman of the American Board of Periodontology in September 2014.

Indiana University School of Dentistry cont.

Alumni News

Dr. Muayneel Hassan (2013) has been selected as a finalist for the AAP Research Forum Competition. The title of his research is "Intentional Exposure Of Barrier Membranes In Ridge Preservation Procedures: Clinical, Radiological, And Histological Comparison Of Amnion Chorion Membrane With Dense Polytetrafluoroethylene Membrane". Dr. Tom Kepic (1977) was elected as the AAP District 6 Trustee and also will become President for the Western Society of Periodontology in 2004. Tom is a former Director of the American Board of Periodontology (2007-13) and practices in Upland, CA.

Recent Departmental Publications:

Nosrati E, Eckert GJ, Kowolik MJ, Ho JG, Schamberger MS, Kowolik JE. Gingival evaluation of the pediatric cardiac patient. *Pediatr Dent* 2013;35:456-62.

Khaled M, Al Shibani N, Labban N, Batarseh G, Song F, Ruby J, Windsor LJ. Effects of resolvin d1 on cell survival and cytokine expression of humangingival fibroblasts. *J Periodontol* 2013;84:1838-1846.

John V, Lane B, Chu G. Complications associated with the placement and restoration of dental implants, *J Indiana Dent Assoc* 2013; 92:46-53.

Medina-Solís CE, Pontigo-Loyola AP, Pérez-Campos E, Hernández-Cruz P, Ávila-Burgos L, Kowolik MJ, Maupomé G. Association between edentulism and angina pectoris in Mexican adults 35 years of age and older: a multivariate analysis of a population-based survey. *Journal of Periodontology* 2014, 85: 406-416

Valdez-Gonzalez JA, Mares-Moreno PC, Kowolik MJ, Vargas-Villarrreal J, Gonzalez-Salazar F, De la Garza-Ramos MA 2014 Detection of helicobacter pylori in dental plaque of Mexican children by real-time pCR. *Health Science Research* 2014, 6: 231-235.

Christman A, Schrader S, John V, Zunt S, Maupome G, Prakasam S. Designing a safety checklist for dental implant placement. A Delphi study. *The Journal of the American Dental Association.* 2014, 145:131-140.

Hassan M, Ghoneima A, Liu S, Prakasam S. Comparison of amnion chorionic allograft membrane to dense polytetrafluoroethylene membrane in ridge preservation procedures: a clinical and radiographic study. *J Periodontol* (submitted Dec 2013)

Venkataraman A, Almas K. Rheumatoid arthritis and periodontal disease: an update. *NY State Dent J.* 2014 (accepted for publication Mar 2014)

Zhang W, Song F, and Windsor JL. The effects of cigarette smoking condensate on the collagen degrading ability of human gingival fibroblast cell lines. *J Periodontol Res* (submitted Feb 2014)

Lane B, Luepke P, Chaves E, Maupome G, Eckert GJ, Blanchard S, John V. An assessment of the calibration of periodontal diagnosis and treatment planning among dental students at three dental schools. *Journal of Dental Education* (accepted for publication June 2014)

John V, De Bedout T. Diabetes and Periodontal Disease. The Bi-Directional link. *Dimensions of Dental Hygiene.* 2014, Vol 12 (3).

We wish all District IV graduate programs a successful upcoming year and look forward to seeing you in San Francisco in September and at the Midwest Society of Periodontology Annual Meeting in February 2015.

University of Michigan

The University of Michigan welcomed 5 new residents into its program this year. Ann Decker, a dual degree Periodontal MS/PhD student, received her DMD from the University of Florida with High Research Honors. Carlos Garaicoa from Ecuador, and James Mailoa, from Indonesia, have spent the past 2 years as post-graduate fellows at the University of Michigan, where both were involved in several publications and research presentations. Rachel Sheridan is a graduate of the University of Michigan and was recently awarded the inaugural Zann Fellowship upon entry into the program. Pimchanok Sutthiboonyapan worked as a full-time faculty member in Department of Periodontology at Chulalongkorn University, Bangkok, Thailand, before entering the periodontics program. Also joining as preceptors are Shabnam Behdin and Abdullah Othman.

Alex Lin, Alberto Monje, Alexandra Plonka, and Fernando Suarez were recently promoted to 2nd year. The 3rd year class includes Steven Davis, Bruce Edwards, Jeff Li, Juan Rodriguez, and Lindsey Steele. Recently, Steven Davis and Alexandra Plonka were awarded the Distinguished Graduate Periodontics Teaching Fellowship. The 2014 Benson Duff Scholarship for excellence in patient care was recently awarded to Steven Davis and Jeff Li.

Outgoing residents Andrew Barnett, Ebone' Jordan, and Brooke Pancer are pursuing careers in private practice. Tapan Koticha recently accepted a faculty position at the University of Oklahoma, and Jia Chang will be continuing his research as a faculty member at the University of Florida. Ebone' Jordan was recently named a finalist in the AAP Balint Orban research competition. At the 11th International Symposium on Periodontics and Restorative Dentistry, Dr. Rios, a faculty member at the University of Michigan, and Juan Rodriguez were awarded the first place award.

University of Illinois at Chicago

We had an exciting year at UIC with the recent graduation of our senior residents Dr. Charles DiFranco, Dr. Erica Hsiao, Dr. Andrew Monestero and Dr. Kate Quinlin. We wish them the very best in their life and career! We recruited an outstanding group of residents and welcomed Dr. Sara Fagen, Dr. Joshua Hassan, Dr. Julio Obando and Dr. Alexandra Seal to the UIC Periodontics family.

We look forward to Dr. Tolga Tozum and Dr. Dwayne Karateew join us as faculty. Their expertise would add to our teaching and research missions and enhance the quality of our residents' educational experience.

We completed renovation and expansion of our postgraduate clinic. With these changes our state of the art postgraduate clinic now has 13 fully equipped surgical operatories, an additional 4 advanced surgical operatories, a new waiting room for our patients, a redesigned reception area, new digital radiography equipment, and a new residents' room. The renovations have increased our clinic footprint by more than 50%. The postgraduate program also has a clinic coordinator and a full time hygienist added to its staff. In all we have had a tremendous year and are very much excited about the opportunities that lay ahead of us.

University of Minnesota

Micah Chan, DMD graduated from McGill University School of Dentistry in Montreal, Canada in 2009. Micah completed a GPR through McGill University before coming to the University of Minnesota.

George Kotsakis, DDS is a University of Athens, Greece alumnus and is currently in his third year of our periodontal residency. Dr. Kotsakis is the recipient of the 2014 Dr. D. Walter Cohen Award by the American Academy of Periodontology as well as the “Leaders for Life” award for Young Clinicians by Straumann. George also received a travel award by the council of Graduate Students to present his research on “PDL-mediated implant placement” and to chair a session of the Implantology group at the 2014 IADR General Session in Cape Town, South Africa.

In 2014, Dr. Kotsakis authored or co-authored 10 publications in peer-reviewed journals including the Journal of Periodontology, the International Journal of Periodontics and Restorative Dentistry and Clinical Implant Dentistry and Related Research among others. Currently he is working on his MS thesis on an ex vivo evaluation of different chemotherapeutic agents to detoxify titanium surfaces associated with peri-implantitis under the mentorship of Dr. Hinrichs and Dr. Aparicio from the Minnesota Dental Research Center for Biomaterials and Biomechanics (MDRCBB).

Alejandro Kovacs DDS, MS, FACP graduated from School of Dentistry at the Central University of Venezuela in 2002, then went on to practice general dentistry for 3 years before enrolling in the OHSOA certificate program at the U of MN in 2005, after completing the OHSOA program he enrolled and completed the Advanced Education Program in Prosthodontics at the University of Minnesota in between 2006 and 2009 where he also obtained a Master on Science degree. Dr. Kovacs practiced surgical prosthodontics in Edina, MN for three years before enrolling in our graduate periodontology program. He became a diplomate of the American Board of Prosthodontics in 2013.

Class of 2016

Andreas Ioannou is a University of Athens, Greece alumnus and is currently in his second year of our periodontal residency. After graduation from the dental school, he practiced general dentistry as an associate in a dental clinic for two years. Since last year Andreas co-authored five publications, and he is also in pursuit of his Master of Science degree under the mentorship of Dr. Michalowicz.

Michelle McHale obtained her dental degree in 2012 from the University of Minnesota and as a senior was a participant in our Perio Honors course. Michelle was a resident at Hennepin County Medical Center for a GPR before starting our periodontal residency and is now a second year resident. Dr. McHale enjoys running, biking, and spending time with her family in her free time. She and her husband are the proud parents of their fourteen-month-old son Benjamin.

Thomas Nguyen was born and raised in Montreal where he obtained his DMD from the University of Montreal in 2010. He completed an Advanced Education in Generation Dentistry residency at the University of Rochester in 2011. Subsequently, Thomas earned his Master of Science degree at McGill University under the mentorship of Dr. Simon Tran before coming to the University of Minnesota.

University of Minnesota continued

Class of 2017

Elias Kersten received his degree from the University of Minnesota in May of 2014. Elias has previous research experience with Dr. Don Nixdorf in TMD and was a participant in last summer’s Periodontal Honors course. He also won the 2014 Minnesota Association of Periodontology award presented to the senior dental student who has excelled in the field of periodontology. Elias intends to go into private practice in the Twin Cities after finishing his periodontal residency.

Vasiliki “Villy” Koidou comes to us from the University of Thessaloniki in Greece. Dr. Leo Batas (class of 2005) nurtured Villy’s interest in Periodontics and highly recommended her to our residency. Dr. Koidou wants to pursue a PhD in Oral Biology as well as a certificate in Periodontology before returning to Greece and an academic career at the University of Thessaloniki where her father is chairman of the Prosthodontic department.

Tamir Shalev earned his dental degree from the University of Lithuania Health Science Center in Kaunas, Lithuania between ’06 thru ’11. Tamir finished a periodontal residency at the University of Lithuania and has gained teaching experience with dental students. Dr. Shalev’s career goal is to return to his native country of Israeli and pursue an academic career at one of Israeli’s three dental schools.

