



Midwest Society of Periodontology Newsletter

Winter 2006

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**Midwest Society of
Periodontology
2006 - 2007
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Presidents Message:

Greetings from Wolverine Campus in Ann Arbor! I have to share with you all the joyous moment that I had when I was writing this president's message... the Detroit Tigers finally are in the World Series after beating the Oakland Athletics in 4 games to none! This is very exciting to us because the Detroit Tigers have not been in the World Series since 1984. The Detroit Tigers are finally gaining their respect. Hopefully, by the time this newsletter is out... the Detroit Tigers are the National Champions.

When fall comes, football season starts. Every one of us is cheering for our favorite team. I have spent a lot of time watching football, eating hotdogs and drinking beer. Besides these activities, I am always trying to figure out what kind of new lecture materials I should add for my residents, to tell them that Periodontics is their future and certainly to try to motivate and guide these talented students to the next level. What I have learned from past history is that there are more materials than we can teach them and there are more challenges than they know of. To overcome this, the best way is to share with them the secret of success so they can learn these lifetime lessons. Here is what I read in Investor's Business Daily (IBD) on September 29, 2006. I think it is appropriate to share with all members of Midwest Society of Periodontology:

1. HOW YOU THINK IS EVERYTHING: Always be positive. Think success, not failure. Beware of a negative environment.
2. DECIDE UPON YOUR TRUE DREAMS AND GOALS: Write down your specific goals and develop a plan to reach them.
3. TAKE ACTION: Goals are nothing without action. Don't be afraid to get started. Just do it.
4. NEVER STOP LEARNING: Go back to school or read books. Get training and acquire skills.
5. BE PERSISTENT AND WORK HARD: Success is a marathon, not a sprint. Never give up.
6. LEARN TO ANALYZE DETAILS: Get all the facts, all the input. Learn from your mistakes.
7. FOCUS YOUR TIME AND MONEY: Don't let other people or things distract you.
8. DON'T BE AFRAID TO INNOVATE; BE DIFFERENT: Following the herd is a sure way to mediocrity.



Meeting Schedule

FRIDAY FEBRUARY 23, 2007

- 8-5 Dr. Tomaso Vercellotti - Piezosurgery
(additional fee limited attendance)
- 2-5 Dr. Frank Scannapieco and Casey Hein, RDH
Oral – Systemic Relationships (free)

SATURDAY FEBRUARY 24, 2007

- 7:30 Registration & Continental Breakfast
- 7:45 Graduate Student Forum
Sponsored by Sunstar Butler
- 8:55 Introduction
Dr. Tae-Ju OH
- 9:00 Dr. Lyndon Cooper
- 10:30 Refreshment Break
- 10:50 Dr. Lyndon Cooper
- 12:00 Luncheon for Learning (Cuisines)
- 1:30 Dr. Paul Fugazzotto
- 2:45 Refreshment Break
- 3:00 Dr. Paul Fugazzotto
- 4:00 Midwest Society of Periodontology
Business Meeting
- 4:15 District IV Meeting
- 5:00 Cocktail Reception-Rhine & Hudson Rooms
3rd floor Hosted by Sunstar Butler

SUNDAY FEBRUARY 25, 2007

- 8:00 Continental Breakfast
- 8:30 Professor Hee-Moon Kyung
- 9:45 Refreshment Break
- 10:00 Professor Hee-Moon Kyung
- 12:00 Adjournment

Spouse Program

Saturday February 24, 2007

Susan Kirkman, MS
ASID, IIDA, IDEC, NKBA
VP of Academics/Dean of Education
Harrington College of Design

“Current Trends in Interior Design and a Special Cuisine Luncheon”

Sue Kirkman is a long-time interior design educator and practitioner.. She graduated from Indiana University in 1982 with an MS in Interior Design and is active in, and is a professional member of, the American Society of Interior Designers (ASID), the International Interior Design Association (IIDA), and Interior Design Educators Council (IDEC), the National Kitchen and Bath Association (NKBA) as well as several related trade organizations. Mrs. Kirkman has owned her own consulting firm since 1983.

Mrs. Kirkman speaks to community groups and professional organizations requesting information on trends in interior design. She was the featured speaker for the Japanese Trade Association and the National Kitchen and Bath Trade Show in Chicago. She is also a ASID National Medalist winner in education. Sue continues to write, participate and present seminars along with writing for web sites for the industry on a variety of topics.

Luncheon for Learning

Saturday February 24, 2007

In addition to the formal presentations the Annual Meeting of the Midwest Society of Periodontology will feature the popular “Luncheon for Learning on Saturday February 24, 2007 from noon to 1:15pm. This luncheon is run on an “at cost” basis and seating is limited.

1. Use of One-Stage Narrow Diameter Implants to Replace Incisors

Dr. Michael S. Wojcik Macomb County, MI

2. Piezoelectric Surgery

Dr. Paul J. Denemark Oakbrook, IL

3. Comprehensive Dental Management of HIV Infected Individuals in the High Active Anti-retroviral Therapy (HAART) Era

Dr. James Winkler Farmington Hills, MI

4. Interactive 3D Imaging for Treatment Planning and Guided Implant Surgery

Dr. Tricia Crosby Chicago, IL
Dr. Jeffrey Burke Chicago, IL

5. The Interrelationship Between Diabetes and Periodontal Health

Dr. Anthony L. Neely Farmington Hills, MI

6. Marketing Your Periodontal Practice for Success

Dr. Kirk W. Noraian Bloomington, IL

About our Speakers and Programs

Saturday February 24, 2007

Dr. Lyndon Cooper

Director Graduate Prosthodontics
University of North Carolina

Chapel Hill, NC **“The Risks and Benefits of Immediate Loading
of Dental Implants”**

This presentation is intended to highlight current information regarding the published clinical success rates for immediate loading of dental implants, to provide insight into proper planning of therapy, and to offer clinical suggestions to achieve expected implant success at multiple levels. Clinical cases will be used to demonstrate step-wise protocols that have been developed through prospective and retrospective clinical trials for the anterior maxillary single tooth, the mandibular fixed denture and the maxillary fixed denture. Participants will acquire knowledge required to make appropriate risk versus benefit decisions regarding the loading protocols for individual patients and clinical scenarios.

Dr. Paul A. Fugazzotto

Private Practice Periodontics
Milton, MA

**“The Realities of Augmentation Therapy
in a Clinical Setting”**

Guided Bone Regeneration and augmentation of the posterior maxilla should no longer be viewed as complex esoteric therapies. Alveolar ridge regeneration and re-attainment of pre-pathologic ridge morphology; regeneration over dehisced or fenestrated implants; and augmentation of atrophic posterior maxillae with significant sinus pneumatization can all be easily and predictably accomplished without resorting to extensive and complex autogenous grafting. Maximization of clinical outcomes with these therapies mandates a thorough understanding of the appropriate biologic principles, and exquisite handling of a number of technical considerations. The introduction of newer treatment options affords the opportunity to greatly simplify therapy for patients without compromising treatment results. It is imperative that the conscientious clinician understand the indications and contraindications of all therapeutic options, and formulate appropriate treatment decision trees.

Sunday February 25, 2007

Professor Hee-Moon Kyung

Professor and Chairman
Department of Orthodontics
School of Dentistry
Kyungpook National University
Daegu, Korea

“Variable Applications of Microimplants”

Control of anchorage is one of the most important aspects of orthodontics. Many traditional treatment protocols have incorporated both extraoral (headgear) and intraoral (intermaxillary elastics) approaches to maintaining anchorage. Unfortunately, patient compliance often is considered the “Achilles heel” of controlled tooth movement. In an effort to maximize anchorage while reducing the dependence on patient cooperation, I have developed a system of microimplants specifically for the orthodontic tooth movement.

Topics will include the types of available microimplants, selection of proper microimplant size and shape, sites of microimplant placement, selection of drill bits and hand pieces, patient management, avoidance of complications, and success rate of microimplants. Case reports will be used to show the many uses of these devices in routine orthodontic treatment and interdisciplinary treatment in adult patients including bodily retraction of anterior teeth, molar distalization, molar protraction, molar uprighting and root movement, molar intrusion in openbite patients, and retraction of the entire dentition.

Additional Special Programs Presented By The Midwest Society of Periodontology

Friday February 23, 2007 8am-5pm

Dr. Tomaso Vercellotti, MD DDS
Inventor of the Piezosurgery device
Piezosurgery® Inc., Matawan, NJ

“Surgical Techniques Using Piezosurgery”

This certifying all-day lecture and hands-on program will equip you with the knowledge to master this patented and revolutionary technique for cutting bone. You will learn everything from how the device was invented to specific clinical applications of ridge expansion, sinus augmentation, osteotomy and alveolar reconstruction. Current active members will be given priority. New members and others will be placed on a waiting list.

Continental breakfast and lunch provided
\$350 for current members
\$700 for non-members
Limited to 40 participants

Register early. This is a considerable discount from the \$1500 1-day workshop fee charged by the Piezosurgery Academy.

Friday February 23, 2007 2pm-5pm

Frank Scannapieco, DMD, PhD
Professor and Chair
Department of Oral Biology, School of Dental Medicine,
State University of New York at Buffalo

Casey Hein BSDH, MBA
Founder of PointPerio,LLC

“Oral – Systemic Relationships: Update and Practical Information for the Dental Professional”

This free seminar made possible through an educational grant from
Colgate® Total® toothpaste.

**Additional information and registration materials about this
very timely program will be sent to you by Colgate**

Over the last few years, the relationship of oral health to overall health has been a topic of considerable attention, both in professional media as well as the lay media. Dental health professionals practice at the forefront of this topic, and must understand not only the most recent information relative to this relationship, but also how to practically apply what we know into daily practice.

This program is designed to provide the participant an overview of the latest information on inflammation, periodontal disease and systemic disease associations. The program will also take the latest information and deliver practical advice on how to transform this information into everyday practice.

Learn:

- Latest information on inflammation, periodontal disease, and related systemic diseases
- Uses of therapeutic agents in the management of oral inflammation
- How to apply this information during patient management
- How to answer patient questions regarding the oral health/systemic health relationship

Recommended for – dentists, dental hygienists and dental assistant

News From the Graduate Programs

Case Western Reserve

The following students have been accepted into the Periodontal Graduate Program beginning July 2006: Dr. David J. Diamond is joining us from Sudbury, Ontario where he earned his DDS degree from the University of Toronto in 1997. He also holds an MBA degree in Health Care Administration as well as a Bachelor of Law. Dr. Ahmed El-Halaby received his BDS from Cairo University in 2001. Since then he has served an internship at Ain Shams University Hospital training new graduates in general dentistry. Dr. Nishant Joshi has received his DMD degree from Case Western Reserve University. While at Case he has had two research articles published and has presented at the IADR.

The following students graduated in 2006: Dr. Anil K. Bouri, Jr, and Dr. Nomith Ramdev have both returned home to Illinois and New Hampshire respectively, to begin their private practices. Dr. Omid Kiarash and Dr. Elham Tehrani are both in the process of finishing their research projects and are planning to go back to Montreal and Toronto to start their practices.

Dr. Leena Palomo has become a diplomate of the American Board of Periodontology as well as becoming a full-time assistant professor in the department of periodontics. Dr. Nabil Bissada became the head editor of the Periodontal Section of the Quintessence International Journal effective January, 2006.

The following articles were written by our students and faculty:

Palomo L, Bissada NF, Un J. Periodontal Assessment of Postmenopausal Women Receiving Bisphosphonate Therapy. *Menopause* 2005;12(6):685-690.

Hao YW, Ikegami A, Bissada NF, Herbst M, Redline RW, Ashmead GG Transmission of an Uncultivated *Bergeyella* Strain from the Oral Cavity to Amniotic Fluid in a Case of Preterm Birth. *J Clin Microbiol* 2006,44(4):1475-83.

Palomo L, Bissada NF, Liu J. Bisphosphonate Therapy for Bone Loss in Patients with Osteoporosis and Periodontal Disease: Clinical Perspectives and Review in Literature. *Quintessence Int.* 2006;37(2):41-45.

Al-Zabram M, Borawski E, Bissada NF. Increased Physical Activity Reduces Prevalence of Periodontitis. *J Dent.* 2006,33:603-610. Al-Emadi A, Bissada NF, Farah C, Siegel B, Al-Zahrani M. Systemic Diseases Among Patients With and Without Alveolar Bone Loss. *Quintessence Int.* (accepted for publication).

Indiana University

We have reluctantly said farewell to four graduating students. Dr. Burton Largura has joined the practice of Dr. Jim Wolfe in Kokomo, IN with plans to open an additional office in Noblesville, IN. Dr. Jules Mascarenhas has returned to Canada and has opened a practice in Calgary. Dr. Pradeep Adatrow has chosen to pursue a career in academic periodontics and was offered several faculty positions before deciding to accept a teaching position at the University of Tennessee in Memphis. Dr. enrolled in an AEGD program in Dayton, OH and hopes to enter an oral medicine program upon completion of the 1 year AEGD program.

Drs. Burton Largura, Jules Mascarenhas, Pradeep Adatrow, and Amjad Almasri all successfully defended their research projects and have been awarded their MSD degrees. Dr. Largura's research project examined the role of Toll-like receptors in periodontal inflammation and Dr. Mascarenhas compared the efficiency of a LED probe to manual probing for calculus detection, Dr. Adatrow evaluated the potential of a parthenolide derivative as an anti-carcinogenic agent for oral squamous cell carcinoma and Dr. Almasri evaluated the effect of nicotine and LPS on cytokine expression in gingival fibroblasts.

We now have five new graduate students who joined the program in July. Three new graduate students are 2006 dental school graduates: Drs. Shane Cope (IUSD), Daniel Shin (SUNY-Buffalo), and Peter Smith (UNLV). Dr. Enrique Cruz, a graduate of the Universidad Nacional Autonoma de Mexico, has worked in private practice for several years. Dr. Venkatesh Swaminathan is a 1995 graduate from Ragas, India and has also worked in private practice before entering the program.

The recipients of the Henry M. Swensen Awards for Clinical and Didactic Excellence in Graduate Periodontics for 2005-2006 were third year students. Dr. Jules Mascarenhas and Dr. Burton Largura.

We have nine IUSD graduates that are new Diplomates of the American Board of Periodontology since last year! Successfully passing the oral exam in November 2000 were Drs. Saul Grajales (1995), Ramz Khleif (1999), Aldo Sordelli (1999) Tsung-Ju Hsieh (2003), Key Soon Hu (2003), Dirk Donovan (2004), and Gary Yip (2004). Drs. Scott Reef (1996) and Saba Khan (2005) successfully challenged the April 2006 oral examination. Since 2001, 24

IUSD graduates have become ABP Diplomates which is an outstanding reflection of the individuals as well as the program. Additionally, 2005 graduates Drs. Matthew Slaven, Chirdeep Chandrakeerthi, Hey Ri Yeom, Elizabeth Ramos (VA), and Basel Hajaar (VA) successfully completed the written exam last fall and we are looking forward to them challenging Part II.

Dr. E. Brady Hancock was selected as the recipient of the IUSD Alumni Association Distinguished Faculty Award for Teaching for 2006

University Of Detroit Mercy

The Graduate Periodontics Program at the University of Detroit Mercy School of Dentistry is in its third year now. We had an exciting first two years, and just welcomed our third group of Graduate Students. Our new class includes Dr. Mark Isler who is a former graduate of our school. Dr. Mansur Roy joins us from the University of British Columbia, Canada and Dr. Crystal McIntosh is from Howard University, Washington DC. We look forward to another exciting year ahead of us. We have also recently started some clinical and bench research projects that our residents are currently involved with and are in the process of being completed.

Roudebush VA Medical Center, Indianapolis

Charles Lau, D.D.S., is starting his third-year of residency this year. Dr. Lau is extending the research of Dr. Hajjar: "Implant bone types in the human maxilla." This research will measure and analyze the classic implant bone types of Lekholm and Zarb (1985).

Brian Goldstein, D.D.S., is starting his second year of residency. Dr. Goldstein is coming from a Prosthodontic Residency at SUNY at Buffalo.

University of Michigan

This year we accepted five exceptional students from the candidates we interviewed: Heba Abuhussein, BDS from King Abdulaziz University in Saudi Arabia, Gustavo Avila, DDS, PhD from the University of Granada in Spain, Julius Bunek II, DDS from the University of Michigan, Flavia Pirih, DDS, PhD from Universidade Federal do Parana in Brazil and later received her PhD from UCLA, Hector Rios, DDS, MS, PhD from University of Valle in Columbia and later received his Masters and PhD from the University of Missouri at Kansas City.

In addition we have accepted five outstanding Postdoctoral Scholar students: Jong-Woo Ahn, DDS from South Korea, Mussadiq Iftikhar, BDS, from Pakistan, Jeong-Lan Kim, DDS from South Korea, Shuichi Sato, DDS, PhD from Japan and Dong Woon Yang, DDS, PhD from South Korea.

Our graduating class includes Simon Bernstein who joins Drs. Reiser, Nevins, Hanratty, and Wise's practice in Swampscott, MA, Lakshmi Boyapati who will be at the University of Bern, Switzerland for one year ITI Fellowship, Debby Hwang who joins the practice of Dr. Sonick in Fairfield, CT and Daniel Weber who joins Dr. Levine's a practice in Chicago, IL.

Congratulations to Darnell Kaigler who won the 2006 American Academy of Periodontology Abram and Sylvia Chasens Teaching and Research Fellowship. Brandon Sang-Hoon Park won First Prize at the Midwest Society of Periodontology Graduate Student Forum in 2006. Lakshmi Boyapati has been selected to receive the 2006 ITI Research Foundation Fellowship that will cover her stay at the University of Bern for one year. Two of our grads were finalists in the American Academy of Periodontology Balint Orban Memorial Research Competition for 2006: Brandon Sang-Hoon Park (Clinical Science) and Jill Rogers (Basic Science). Jill Bashutski received the 2005 American Academy of Periodontology Foundation Tarrson Regenerative Scholarship. Hector Rios received an NIH Clinical Research Training Grant for 2006. Flavia Q. Pirih received the 2006 Rackham Master's Award from the University of Michigan.

We would also like to take this opportunity to congratulate our students who have passed the ABP Board Exam and have become Board Certified Periodontists this past year: Dyeus Chung, Jason Cooke, Sarosh Dastoor, Heather Huffer Charchut and Brandon Sang-Hoon Park (all from the graduating class of 2005), John Hall (Graduating Class of 1998) and Kenneth Kimble (Graduating Class of 1999), as well as our Faculty member, Dr. Robert Eber.

Ohio State University

Earlier this year, the Ohio State University (OSU) Periodontal Program went through the Accreditation process. The Program received two commendations and no recommendations or suggestions.

Our 2006 third year residents have all completed their clinical and MS requirements and have left Columbus. Our 2005-2006 Chief Resident, Dr. William "Billy" Cho, whose thesis research was on "The effects of tongue piercing on mandibular gingival attachment levels and tooth chipping", has moved back to California where he is busy in private practice. He will present his final results during the Research Forum of the upcoming AAP meeting. Dr. Sam DeAngelo has moved back to North Carolina, where he has purchased a practice; Sam's thesis research was on "Characteristics of early soft tissue healing and microflora formation around one-stage dental implants" and he recently presented it at the EuroPerio meeting in Spain. Dr. Randy Fitzgerald, who presented his thesis work on "In-Vitro model for characterization of NSAID accumulation by oral epithelium" during the Orlando AADR meeting, has moved to Arizona. We are all very pleased with the accomplishments of this year's graduating class.

Several alumni attained Diplomate status since our last report. Congratulations to Drs. Hamad Alzoman, Robert Eber, Jad Elkhoury, Hamed Javadi, Purnima Kumar, Binnaz Leblebicioglu, and Ehsan Rezvan!

Residents and faculty had opportunities to attend lectures or presentations from a number of visiting colleagues. Among them were the Drs. Andrew Dentino (Marquette University), Jaime Lozada (Loma Linda University), James Mellonig (University of Texas), and Delane Rêgo (Federal University of Rio Grande do Norte, Brazil). In addition, several of our alumni made formal or informal presentations to the residents: Drs. Ron Garvey, Timothy Rose, and Ralph Wilson.

The community service activities of the Program continue with the recent participation in OPTIONS (Ohio Partnership To Improve Oral health through access to Needed Services), a program offered by the Ohio Dental Association in partnership with the Ohio Department of Health.

In July, the program welcomed three new first year residents: Drs. Weiting Ho (China Medical University, Taichung, Taiwan), Patrick Kelsey (Creighton University, Omaha, Nebraska), and Stacey Papapostolou (University of Athens, Athens, Greece).

St. Louis University

We welcome four new residents to our program. Drs. Yoolim Kim- Lindsay Powers and Sarah Puzey all graduated from Southern Illinois University School of Dental Medicine in 2006. Dr. Hema Menon graduated from PMNM Dental College in India in 2002.

Four residents graduated from our program this year: Drs. Jeffrey Burch, Ryan Rader, Elio Reyes and Farangis Partovi. Drs. Burch, Rader and Reyes completed research projects investigating the relationships between occlusal instability and the periodontium. Dr. Partovi's research studied the relationship of periodontal disease and preterm and/or low birth weight. Drs. Burch, Rader and Partovi will pursue careers in private practice. Dr. Reyes plans to pursue a full-time faculty appointment.

We are fortunate to have another new clinical facility for our program, The Advanced Care Wing at the main clinic at Southern Illinois University School of Dental Medicine. This new building addition will be used for patient treatment for all the post-graduate programs at SIU. The new lecture hall in this addition is named "Roller Hall" after long time faculty member and periodontist. Dr. Neal Roller Dr. Teri Brctz has joined the faculty at Saint Louis University and has been an important addition to our clinical faculty.

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9. DEAL AND COMMUNICATE WITH PEOPLE EFFECTIVELY: No person is an island. Learn to understand and motivate others.

10. BE HONEST AND DEPENDABLE; TAKE RESPONSIBILITY: Otherwise, Nos. 1-9 won't matter.

I believe this type of life lesson can guide us to overcome many challenges.

On behalf of the Midwest Society, just another reminder that our next years' MSP meeting is February 23-25, 2007 with 4 outstanding speakers: Dr. Thomaso Vercellotti lecturing on "Piezosurgery"; Dr. Lyndon Cooper talking about Implant esthetics; Dr. Paul Fugazzotto sharing his advanced bone grafting secrets with us; and finally Professor Hee-Moon Kyung introducing us to his innovative development of the mini implant for orthodontic anchorage. These are very exciting new trends in the periodontal/implant field and I look forward to seeing all of you next year in Chicago. Wishing you and your families a Happy Holiday!

Hom-Lay Wang

Sunstar Butler

The Graduate Student Research Forum is being sponsored by Sunstar Butler. Their commitment to students and research in the field of Periodontics helps the Midwest Society encourage and present this research forum. Each finalist receives a plaque and a cash award. Sunstar Butler will also sponsor our Cocktail Reception and Awards Ceremony. This will start at 5:00pm Saturday after the District 4 business meeting; Please attend, the food is delicious and the fellowship outstanding. The Society thanks Sunstar Butler for its commitment to the Midwest Society.

Colgate Oral Pharmaceuticals

The Society thanks Colgate Oral Pharmaceuticals for a very generous educational grant. Their long standing educational commitment to the Society is greatly appreciated. Colgate is sponsoring a Friday afternoon program in conjunction with the Midwest Society entitled "Oral – Systemic Relationships: Update and Practical Information for the Dental Professional"

Piezosurgery® Inc.

Piezosurgery will present a certification course for this revolutionary new technique for cutting bone. The Society appreciates Piezosurgery for their participation in the Midwest Society meeting.

We thank all of our Sponsors and Exhibitors for supporting the Midwest Society and helping make our meeting a success each year.



The Midwest Society of Periodontology

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