The Seventh Sense

It is well known that human beings have multiple senses. Everyone is aware of the five traditional senses that Aristotle first described. These five senses are so integral to our life that no one would ever voluntarily relinquish one; the consequences would be monumental. There have been others who have suggested that certain people also have a sixth sense. This supposed special ability allows individuals to perceive something not using any of the five traditional senses of sight, hearing, touch, smell, and taste. Although the scientific community has rejected the idea of a sixth sense due to a lack of evidence, it has often been described as intuition, feelings or a hunch.

During my time in Periodontology at the College of Dentistry I have experienced another sense, a seventh sense…a sense of community. Often I discuss the structure, formation, setting or features of the Division of Periodontology but our faculty, students, alumni and staff are more than a group of people with shared interests and common goals. We share an acknowledged interdependence and a willingness to maintain this interdependence by giving and doing for others. Without our staff, we would function poorly; without students, the opportunities for transmitting information to future generations would be an empty gesture; without alumni, there would be no expectations to live up to; without faculty, the specialty of periodontics, as we know it, would cease to exist. I have always felt the OSU periodontal community functions with the view that one is part of a larger, trustworthy, loyal, stable and reliable group. It has been and is a joy for me to be a part of the OSU periodontal family because of a feeling of belonging, a shared faith with others, and a mutual sentiment that we matter to one another.

Similar to our traditional senses, I would never voluntarily relinquish my OSU periodontal sense of community, because, you know, the consequences would be monumental.

From the Editor

With the successful completion of yet another year, and beginning of a new school year, the new group of residents have began their journey of three great years at the OSU. I am pleased to introduce the new first year residents – Dr. Ming Chien, Dr. Munirah Burashed, Dr. Rachana Hegde, and Dr. Matthew Lemke.

Thank you,
Connie A. Lee, DDS

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Dear Alumni and Friends,

The last nine months have been a very busy time for the Program. Residents and faculty, along with many of you, have enjoyed several special events since the last issue of the Cutting Edge went to press.

Several faculty and residents attended the IADR meeting in San Diego (March 16-19, 2011), presented their research findings, and met a few of you who live in Southern California. Drs. Eric Anderson, Pinar Emecen-Huja, Kevin Harrison, Nidhi Jain, and Ioanna Tsolaki made research presentations. Dr. Emecen-Huja was the recipient of the 2011 IADR/Implant Research Group Young Investigator Award in Clinical Sciences, after an oral competition among the finalists. Congratulations!

The OSU Perio Research Day was held on April 8, 2011, and it was a pleasure to see all of you who attended this annual event. The participants enjoyed the lecture given by our guest speaker, Dr. Mark Reynolds, Professor and Chair of Periodontics at the University of Maryland, and the research presentations of our second and third year residents. The event was held at the Ohio Union; if you have not yet had the opportunity to visit this wonderful new campus facility, you should plan to do so during your next visit to OSU.

Residents and faculty also enjoyed special lecture presentations by Dr. Gary Coattoam, on April 7, 2011, and by Dr. Vlad Shapiro (OSU ’08), on May 27, 2011. It is always rewarding to have friends and alumni of the program come to visit and share their valuable clinical experiences with all of us.

The third VOLPE Prize, an international periodontal clinical research competition co-sponsored by OSU and Colgate, was held at OSU on May 20, 2011. Finalists from the US, Canada and Mexico presented their clinical research work. Dr. Emecen-Huja represented OSU. Congratulations to Dr. Sangeeta Chandrasekharan from the University of Illinois at Chicago, this year’s winner.

On June 3, 2011, we celebrated the accomplishments of our third year residents during the annual graduation event. Dr. Nidhi Jain, our 2010-2011 Chief Resident, whose MS thesis was on “Gingival Crevicular Fluid Concentrations of Azithromycin in Health and Gingivitis”, is in private practice in Columbus and continues to participate in Division research activities as Adjunct Faculty. Dr. Eric Anderson, whose MS research was on “Pre-Wounding and Connective Tissue Grafts: A Pilot Investigation”, is established in Denver, Colorado, and busy in private practice. Dr. Pinar Emecen-Huja, who did a marvelous job representing OSU at the 2011 VOLPE

The 2011 Annual
AAP Meeting is
November 12-15, 2011
Miami Beach, Florida
Prize, defended her MS thesis on “Crevicular Fluid Content During Wound Healing: Comparison Between Tooth and Implant” and is now an Assistant Professor of Periodontology in the Department of Oral Health Practice of the University of Kentucky College of Dentistry, in Lexington, Kentucky. Dr. Kevin Harrison defended his MS thesis research on “Implant Placement in Conjunction With the Ridge Split Technique” and is happily practicing in Albuquerque, New Mexico. Eric, Kevin, Nidhi and Pinar successfully completed the written portion of the ABP examination this summer. We congratulate our 2011 graduates for their achievements and we wish them all the very best!

At the end of June, our Buckeye Perio family accepted its newest members, the 62nd entering class. Dr. Muneera Burashed (Kuwait University ’08; Kuwait), Dr. Ming Chien (Chang Shan Medical University ’08; Taiwan), Dr. Rachana Hegde (Patil Dental College ’05; India), and Dr. Matthew Lemke (OSU ’11) became our 2014 class. We had an opportunity to welcome them during this year’s Annual Perio Picnic, which took place on August 13. It was a pleasure to spend time with so many present and past members of this Buckeye family during the picnic. Dr. Samir Shah, and the other third year residents, put together a wonderful cook-out to honor the incoming class.

If you are planning to be at the annual 2011 AAP meeting in Miami, FL, please attend the Orban Competition session on Saturday PM, to support Dr. Pinar Emecen-Huja during her presentation. Pinar is one of only four finalists competing for this year’s Orban prize in clinical research. I look forward to seeing all of you during our Buckeye Reception, which will be held on Monday, November 14, 2011, from 7:00 to 8:00 pm, in the Neptune Room at the Loews Miami Beach Hotel.

For those of you wanting an excuse to travel to Columbus after the AAP meeting, here is a very good one: On Friday, November 18, Dr. Panos Papapanou, Professor and Chair of Periodontology at Columbia University, and world renowned researcher, will deliver the Finley Lecture at OSU. Ohio State is fortunate to be the recipient of the 2011 Charles W. Finley Visiting Scholar Education Grant by the AAP Foundation. The Finley Visiting Scholar Education Grants were established to “honor the memory of Dr. Charles W. Finley and all of the great periodontal leaders of the past, present, and future”.

On a personal note, I want to thank all of you who either sent me messages (email, text) or called me to express your support of my candidacy for the American Board of Periodontology (ABP) Director’s position. I am deeply honored and grateful that you chose to vote for me at this year’s ABP election.

With my warmest regards,

Dimitris Tatakis
Our predoctoral program continues to provide high-quality periodontal education to dental students. The students have demonstrated the ability to conduct and accurately record the findings of a comprehensive periodontal examination, arrive at a diagnosis, establish a prognosis, and formulate a treatment plan which is integrated with the patient’s other dental needs. Our major goal is to help dental students perform well on National Board and Regional Board examinations. For the NERB/ADEX Exam, held on February 5-6, 2011, 84 students took the exam with only one student failing the periodontal portion, giving our College a 99% pass rate. The student who failed the periodontal portion retook the NERB/ADEX Exam on May 13, 2011 and scored 100%.

Each year, three awards for excellence in periodontics are given to graduating dental students and are presented at the convocation ceremony. This year, we had selected Matthew Lemke as our award recipient for all 3 awards, including the American Academy of Periodontology Senior Award, the Quintessence Award, and the Northeast Society of Periodontology Award. He joined the Division in June and is currently a first year student in the Advanced Education Program in Periodontics.

Ms. Yirae Kang, a current D4 student won the 2011 American Association of Oral and Maxillofacial Surgery Outstanding Poster Award. Her research poster was titled ‘Evaluation of Regenerated Alveolar Bone Using Histology, Micro-Computed Tomography, and Immunohistochemistry’. Her mentor is Dr. Binnaz Leblebicioglu with the Division of Periodontology.

A 5-day continuing education course entitled “Mini-Residency Course in Implant Dentistry” was hosted by the Division of Periodontology at The Ohio State University from April 25 to 29, 2011. This course was a combination of in-depth lectures, over the shoulder demonstrations and a frozen cadaver head hands-on workshop on soft tissue grafts and atraumatic extraction using Piezo-surgery in conjunction with immediate implant placement at the esthetic zone, and chair-side fabrication of custom healing abutments. A total of 19 dentists from Taiwan attended this course and completed the survey. We were delighted to have received very positive feedback from them.

Starting from this year, we have modified the periodontal requirement for the Class of 2011. Students who have completed their 3rd year periodontal re-evaluations (perio re-evals) before the end of Autumn Quarter and successfully pass the Mock NERB Clinical Periodontal Examination on time will be exempted from the 4th year perio re-eval requirement. We have a total of 80 out of 104 students who completed their perio re-eval requirement by the end of Autumn Quarter 2010.

We have transferred the “Mini-residency rotation in Periodontics (Dent 660)” course to an on-line course this year. There are 2 PowerPoint presentations and one clinical video in this course. All the fourth year students are required to take this course and take the written examination on-line before the end of Spring quarter. The students must score above 80% on the exam to receive a passing grade for this course.

I would like to take this opportunity to thank Dr. Claman for his continued guidance in helping me make our predoctoral program stronger, and Dr. Mariotti for his enthusiastic support of predoctoral periodontal education.
Awards 2009-2010 Academic Year

Dr. Laurie McCauley received the Periodontal Achievement Award for Research.

Dr. Timothy Rose received the Periodontal Achievement Award for Service.

Dr. Gerald Bowers received the Periodontal Achievement Award for Education.

Dr. Lewis Claman received the following awards:

- The 2009 OSU College of Dentistry Student Government Teaching Award which was presented at Student Government Awards reception in May, 2009.

- The Dental Class of 2009 Outstanding Instructor Award College of Dentistry, June 2009.

- The AAP 2009 Educator Award presented at the Division Faculty Retreat.

Dr. Binnaz Leblebicioglu received the following award:

- Induction into the 2009 Omicron Kappa Upsilon Honor Dental Society Theta Chapter.

Achievements

Dr. Lewis Claman was invited to be a ABP Board Examiner beginning 2009.

Dr. Angelo Mariotti, Division of Periodontology Chair, is one of five Ohio State faculty members chosen as a Fellow of the Committee on Institutional Cooperation’s Academic Leadership Program (CIC/ALP), which hosts seminars for all fellows on topics such as human resources, budgets, and strategic planning. The CIC/ALP program is sponsored by Executive Vice President and Provost Joseph A. Alutto.

Congratulations to our New Diplomates

Dr. Elbert Chang
Dr. Stacey Papapostolou
Dr. Irma Iskandar
Dr. Chad Matthews
Dr. Shaun Rotenberg
New Dean of the College of Dentistry

On May 4th, 2011, President Gordon Gee and Executive Vice President and Provost Joseph A. Alutto appointed Patrick Lloyd, D.D.S., M.S., as the Dean of The Ohio State University College of Dentistry. Dr. Lloyd was the Dean of the School of Dentistry and Professor in the Department of Restorative Sciences at the University of Minnesota. His appointment was effective on August 1, 2011 after receiving approval by the Board of Trustees.

He earned his D.D.S. degree and an M.S. in prosthodontics from the School of Dentistry at Marquette University. He is a fellow of the American College of Prosthodontics, a Diplomate of the American Board of Prosthodontics, and a Fellow, Clinical Medicine Section, of the Gerontological Society of America. He previously served as co-president of the International College of Prosthodontics. He is currently a reviewer for the Journal of Dental Education; a member of the Council on Dental Education and Licensure and the Council of Deans of the American Dental Association. In addition, he is a member of the Ad Hoc Committee for Dental Therapy, Minnesota Dental Association. From 1998 to 2003, Dr. Lloyd served as Editor-in-Chief of the Journal of Prosthodontics. He received the Faculty Award from the Minnesota Student District Dental Society (2006) and the Excellence in Journalism Award from the International College of Dentists (1998).

Prior to becoming the Dean at the University of Minnesota, he was the Department Executive Officer in the Department of Family Dentistry, College of Dentistry, University of Iowa from 1996-2004. In addition, from 1992 to 1996 he served as Head of the Division of Special Patient Care, Marquette University School of Dentistry; and as National Coordinator, Geriatric Dental Programs, Department of Veteran Affairs, Milwaukee, Wisconsin from 1985 to 1992.

Dr. Lloyd's research and scholarship included the effect of age on the human dentition, graduate dental education curricula in geriatrics, and the interdisciplinary care of the older adult patient. His record includes book chapters, peer-reviewed journal articles, editorials, abstracts and invited external presentations and lectures. In addition, as program director and/or director of projects, he has garnered more than $2 million dollars in sponsored funding from the U.S. Department of Health and Human Services and other federal agencies.

Since his appointment as Dean in 2004, Dr. Lloyd has led changes and improvements for the School of Dentistry at the University of Minnesota including establishing a new hospital-based general practice residency in dentistry, using simulation technology to educate students about clinical practice, and the building and opening of a new student commons. In addition, he initiated a promotion process for clinical/research track faculty and advocated support for the school's robust research in virology, biomaterials, pain, bone biology and the relationship between oral health and systemic health. Further, he developed local partnerships to promote and finance community-based dental education.

During his tenure, the School of Dentistry was the first academic health center school or college to receive the University's Equity and Diversity Outstanding Unit Award. In addition, the School was awarded the 2010 William J. Gies Award for Vision presented at the 2010 Annual Meeting of the American Dental Association.

Please join us in welcoming Dr. Lloyd to The Ohio State University College of Dentistry.
**OSU - Perio Research Day**  
*April 8, 2011*

Several alumni attended this year’s event.  
Drs. Palermo and Koberlein.

The Perio Research Day was held on April 20th, 2011 in the Traditions Room at the Ohio Union. This year's lecture, "Floss or die-aligning practice recommendations with evidence," was given by Dr. Mark Reynolds, Professor and Chair of the Department of Periodontics at the University of Maryland. In addition, all of the second year and third year residents presented their research projects. The presentations were:

Dr. Connie Lee- Inflammatory infiltration and gene expression in peri-implant soft tissue and crevicular fluid during osseointegration

Dr. Holly McKnight- Proteomic analysis of gingival and periodontal ligament fibroblasts

Dr. Samir Shah- Effect of smoking on epithelial host-bacterial interactions

Dr. Ioanna Tsolaki- Connective tissue grafts and surgical delay: clinical and biochemical characterization

Dr. Eric Anderson- Standard versus pre-wounded connective tissue grafts: Early healing responses

Dr. Pinar Emecen- Crevicular fluid content during early wound healing- Implant versus tooth

Dr. Kevin Harrison- Alveolar Bone Expansion following the ridge split technique

Dr. Nidhi Jain- Effect of gingivitis on the Azithromycin content of gingival crevicular fluid

OSU Perio Faculty with guest speaker Dr. Mark Reynolds. Left to right: Drs. Binnaz Leblebicioglu, Purnima Kumar, Mark Reynolds, Hua-Hong Chien, John Walters, Dimitris Tatakis.

The 40th AADR meeting was held in San Diego, CA in March 2011. Dr. Eric Anderson presenting his research study to an audience.

This year, we had the honor of congratulating Dr. Pinar Emecen for winning the AADR/IADR Implant Research Group Award in Clinical Sciences presentation!

Dr. Binnaz Lebleblecioglu and Dr. Pinar Emecen after the presentation.
“Mini-Residency Course in Implant Dentistry” CE course

April 28, 2011

The CE course attendees join Division faculty and staff for a group photo.

Nineteen alumni from the China Medical University School of Dentistry came for the CE course and had a nice tour of the OSU campus.
“Mini-Residency Course in Implant Dentistry” CE course

April 2011

Dr. Chien introducing Dr. Yeh to Dr. Mariotti.

Attendees received certificates upon completion of the CE course program.
Left to right: Drs. Lee (guest speaker), Yeh and Mariotti.

Hands-on lab session practicing implant placements.

Visiting dentists from Taiwan showing their Buckeye spirit!
2011 VOLPE Prize event

May 2011

Drs. Hart, Volpe and Mariotti
wearing Buckeye ties!

Ten contestants from universities in the United States, Canada and Mexico
came to compete for the 2011 VOLPE Prize.

Dr. Angie Lee from the University of Michigan is presenting her research.
2011 VOLPE Prize

O-H-I-O! Brutus leading the third year residents with some Buckeye spirit.

Hut-hut-hike! Brutus and Dr. Volpe working out a game plan!

Dr. Volpe and the 2011 VOLPE Prize competitors.
2011 VOLPE Prize

Dr. Mariotti with ‘Thank you’ gifts for the judges: Drs. Kumar, Goldberg and Palcanis.

What a pleasant surprise! Happy Birthday to Dr. Palcanis!

Dr. Volpe and Dr. Kumar presenting a certificate to Dr. Chandrasekaran. Dr. Chandrasekaran was the 2011 VOLPE Prize winner.
Welcome the new First Year Residents

June, 2011

Dr. Mariotti, Chair and Dr. McKnight, Chief Resident, join the new first year residents for a photo at the reception held at the OSU Faculty Club in June. Joining the Advanced Education Program in Periodontics are Drs. Hedge and Burashed (front row) and Drs. Lemke and Chien (back row).
Third Year Graduation Pictures “Roast Festival”

June, 2011

Dr. Kumar joining the ‘roasting’ of the graduating residents.

Dr. Mariotti handing out Buckeye beads and best wishes to the graduating residents: Drs. Eric Anderson, Kevin Harrison, Nidhi Jain and Pinar Emecen.
Third Year Graduation Pictures/ “Roast Festival”

June 2011

Drs. Kevin Harrison, Nidhi Jain, Angelo Mariotti, Pinar Emecen and Eric Anderson.

Graduating residents with Perio faculty.
Left to right 1st row: Drs. David Messick, Lewis Claman, Purnima Kumar, Dimitris Tatakis, Angelo Mariotti, Binnaz Leblebicioglu and Hua-Hong Chien.
2nd row: Drs. Kevin Harrison, Nidhi Jain, Pinar Emecen and Eric Anderson

Graduating residents never miss a time for a little silliness!
Honor Roll of Giving

Gifts to the Division of Periodontology can be conferred to the following funds:

Endowed Chair for Periodontology:
To help ensure the long-term health and stability of the Division of Periodontology at the OSU College of Dentistry, alumni and friends of the section have established a Campaign to raise $1.5 million to create an Endowed Chair in Periodontology. For the Division to not only retain outstanding faculty, but to also recruit new faculty to fill the open positions today and in the future, it must distinguish itself even further from the other periodontal programs across the country. One of the best ways to do this is through the establishment of an endowed chair. For more information on what an endowed chair is and does or to talk about your interest in supporting this campaign, please contact Mike Kessler, Director of Development and Alumni Affairs, at (614) 247-8621.

The George R. App Periodontal Endowment Fund:
Interest from the Endowment is used to support graduate student education and development with special interest in providing funds for travel to meetings by The Ohio State University periodontal graduate students.

Periodontal Research and Training Fund:
This fund is used to support a wide variety of periodontal activities by the Division of Periodontology in the College of Dentistry. More specifically this fund is used for but not limited to the purchase equipment for the graduate program, support of alumni activities (e.g. the annual AAP Buckeye Reception, CE courses, mailings, etc.), endowment of graduate research projects, purchase of food for graduate student activities, etc.

The Lewis Claman Periodontal Endowment Fund:
Interest from the Endowment will be used to support an award for OSU dental students who exhibit clinical excellence in periodontics. Special consideration will be given to students who want to choose a career in academic periodontics.

Want to see The Cutting Edge in “living” color?
Go to: http://dent.osu.edu/perio/alumni_the_cutting_edge.php

Look for Volume 13, Issue 1
Upcoming Event

The 97th annual American Academy Meeting will be held in Miami Beach, Florida during November 12 to the 15, 2011.

The Division of Periodontology’s ‘Buckeye’ Reception will be held in the Neptune Room at the Loews Miami Beach Hotel on Monday, November 14, 2011 from 7 to 8 p.m.

GUEST SPEAKER

Dr. Panos Papapanou, Professor and Chair of Periodontology at Columbia University, and world renowned researcher, will deliver the Finley Lecture at OSU on Friday, November 18, 2011. Ohio State is fortunate to be the recipient of the 2011 Charles W. Finley Visiting Scholar Education Grant by the AAP Foundation.

Feel free to call the Division Office at 614.292.031 for lecture locations and times.

It’s Noteworthy

_The Cutting Edge_ is available electronically! If you would like to receive it by email, please email us at osugradperio@osu.edu and let us know where you would like it delivered. It can also be accessed on the web:

We encourage all alumni of our program to visit The Division of Periodontology on the OSU College of Dentistry Website. The website has been recently updated and is very detailed.

1. The web address of the college is [http://dent.osu.edu](http://dent.osu.edu)
2. Click on Academic Sections
3. Click on Periodontology and you will be on Periodontal Homepage

You can then navigate to the Division of Periodontology’s History, Faculty, Staff, Predoctoral Program, Postdoctoral Program, Research, Service, Continuing Education, Alumni, Patients and the upcoming Volpe 2011 competition.

To access current or past Cutting Edge issues:
1. Click on alumni
2. Click on The Cutting Edge
3. Click on any issue to open or download

The direct Web address for the Cutting Edge is: [http://dent.osu.edu/perio/alumni_the_cutting_edge.php](http://dent.osu.edu/perio/alumni_the_cutting_edge.php)