

Periodontics News 2013



*Nabil F. Bissada,
D.D.S., M.S.D.*

From the Chairman In Appreciation of Those Who Give Back

It is my sincere hope that every graduate of our program, as well as those who have joined us through professional ties, has benefited greatly from the association. If

you have gone forward to find a rewarding career in our chosen discipline, I am taking this opportunity to ask you to consider giving back to the institution that contributed to making it possible. Just as I am extremely proud of you all, it is my hope that you share the same sentiment for this department.

My deep appreciation is extended to those who have been generous with both resources and time—as donors, volunteers, or both—that you see listed here. Through your gifts and our collective effort, we are able to maintain a periodontal program that is among the best in the country. It is well to remember that we are responsible for training the next generation of periodontists, for making new discoveries that improve human health, and for helping each other in these endeavors.

In particular, I would like to acknowledge the following alumni who are both volunteer faculty members and special donors:

Kerry A. Damascus, D.M.D., M.S.D. '81, Lawrence S. Frankel, D.M.D., M.S. '77, '81, and Hui-Jin Lee, D.D.S., M.S.D. '92, '95.

Gratitude is also extended to Dentsply for the ten Cavitrons that were donated to the Department of Periodontics as part of a significant donation to the dental school.

You will also read here about another year that was filled with accomplishments—enjoy reading about your colleagues from around the world. Congratulations to our new diplomates: Dr. Sarah Fateih, Dr. Everett Wu, and Dr. Dima Lakkis.

I hope to see many of you at the Annual Meeting of the American Academy of Periodontology in Philadelphia. Do join me at our reception on September 30, 2013 at the Marriott.

VOLUNTEERS & DONORS

Hyman Akst, D.D.S. '74
Richard Bobulsky, D.D.S. '83, M.S.D. '85
Kerry A. Damascus, D.M.D., M.S.D. '81
Constantin Farah, D.D.S. '86, M.S.D. '88
Lawrence S. Frankel, D.M.D., M.S. '77 '81
Roger Karp, D.D.S. '79, M.S.D. '82
Charlene Krejci, D.D.S. '84, M.S.D. '86
Hui-Jin Lee, D.D.S., M.S.D. '92 '95
Vericon Ng, D.D.S. '93, M.S.D. '97
Paul Ricchetti, D.D.S., M.Sc.D.
Fredrick A. Rosenberg, D.D.S. '68
Stuart B. Sears, D.D.S. '68, M.Sc.D.

DONORS

Nabil Bissada, D.D.S. '78, M.S.D.
William J. Carroll, D.D.S., M.S.D. '91
Juzer Chinwalla, D.D.S. '92, M.S.D. '95
Pietro diBattista, D.D.S. '90, M.S.D. '93
Henry Greenwell, D.M.D., J.D., M.S.D. '82
Michael Azziz Haddow, D.D.S., M.S.D. '92
Yiping W. Han, M.S., Ph.D.
Roger Karp, D.D.S. '79, M.S.D. '82
Mrs. Suzanne Mars
James Matia, D.D.S., M.S.D. '84
Leena Palomo, D.D.S. '00, M.S.D. '04
Mark Passell, D.D.S. '71, M.S. '75
Eudoxie Pepelassi, D.D.S., M.S.D. '89
Meyer I. Perlstein, D.D.S., M.S.D. '75
Sunil Thanik, D.M.D., M.S.D. '99

VOLUNTEERS

Bana Anbari, D.D.S., M.S.D. '04
Nishant Joshi, D.M.D. '06, M.S.D. '09
Neal C. Murphy, D.D.S., M.S. '76
Imad Nouneh, D.D.S., M.S.
Clair Pernsteiner, D.D.S., M.S.
Jason Stroom, D.D.S., M.S.D.
Thomas Wilcko, D.M.D.



Alumni of Note

Hom-Lay Wang, D.D.S.'89, M.S.D.'87, Ph.D. Renowned Periodontist Directs Graduate Program at University of Michigan



Dr. Hom-Lay Wang's graduation years are not incorrect. He came to CWRU to receive his M.S.D. and stayed to earn his D.D.S.—his second one—having already received a dental degree in 1983 from Taipei Medical College in his birth-country of Taiwan. In 2008 he

received his Ph.D. from Hiroshima University, Japan, two years after he was given an honorary Ph.D. from Romania's University of Medicine and Pharmacy.

While at CWRU, Dr. Wang served as a graduate teaching assistant and then assistant clinical professor in the periodontics department. In 1989, he joined the faculty of the University of Michigan School of Dentistry where he remains today as Endowed Collegiate Professor of Periodontics, Professor of Dentistry, and Director of Graduate Periodontics. He also serves as a research advisor for the Eng. A.B. Research Chair for Growth Factors and Bone Regeneration, King Saud University, Riyadh, Saudi Arabia.

"Hom-Lay Wang is an internationally recognized periodontist and expert on regeneration. We are certainly proud to have him reflect our department around the world. I am personally grateful for having such an accomplished student, now colleague, who is truly a leader in our field," commented Dr. Nabil Bissada.

Dr. Wang has published more than 22 book chapters and invited reviews, as well as more than 300 scientific articles. He is chair of the Website Educational Committee for the Academy of Osseointegration, a Diplomate (and a former co-chair and director) of the American Board of Periodontology, and a Diplomate (and former president and board director) of the International Congress of Oral Implantologists (ICOI). In addition, Dr. Wang is a Fellow of the American College of Dentists. Formerly, he served as president of the Midwest Society of Periodontology, a consultant for the ADA Commission on Dental Accreditation, and a editor-in-chief for the *Open Dentistry Journal*.

Currently, Dr. Wang serves as an associate editor for *The International Journal of Oral & Maxillofacial Implants*, *eJournal of Oral & Maxillofacial Research*, and *International Chinese Journal of Dentistry*. He is a founding editorial board member for newly introduced *Clinical Advances in Periodontics*, and an editorial board member for the *Journal of Periodontology*, *Clinical Oral Implants Research*, *International Journal of Periodontics & Restorative Dentistry*, *Journal of Clinical Periodontology*, *Compendium of Continuing Education in Dentistry*, and many others.

"Hom-Lay Wang is an internationally recognized periodontist and expert on regeneration. We are certainly proud to have him reflect our department around the world."

– Dr. Nabil Bissada

Dr. Wang is the recipient of following awards/honors: AADS clinical research fellowship award (1992), Best Faculty Award (2003), The Charles E. English Annual Award in Clinical Science and Techniques (2004), Best papers in *Journal of Oral Implantology* (2004) and *Implant Dentistry* (2004), Morton L. Perel Annual Award for Dental Implant Educator (2007), AAP University of Michigan Outstanding Teaching and Mentoring in Periodontics (2010), and AAP special citation award (2013).

Dr. Wang's research focuses on tissue/bone regeneration, advanced bone grafting, sinus augmentation, implant esthetics, as well as oral plastic surgery.

"The training that I received at CWRU is the foundation for what I am doing today. The critical evaluation of literature and learning how to ask critical questions have made me aware of the importance of research—it is one of the key influences that led me to choose an academic career. Dr. Bissada and many clinical faculty have all contributed to my education—they are the cornerstone of my clinical work and expertise," notes Dr. Hom-Lay Wang.

Class Notes

Mohammad Salem Al-Zahrani, B.D.S., M.S.D. '00, Ph.D

From CWRU to Chairmanship at King Abdulaziz University



After completing his periodontal training at the CWRU School of Dental Medicine in 2000, Dr. Mohammad S. Al-Zahrani continued his postgraduate study in the department of epidemiology and biostatistics at the CWRU School of Medicine, receiving his Ph.D. in 2004. In 2005, he became a diplomate of the American Board of Periodontology.

"Without a doubt, Mohammad is one of the hardest workers I have ever known and it has served him well. I admired his ambition to expand his education and earn his Ph.D.—it has added a further dimension to his publications, research, practice, and teaching. I am particularly proud that he has become a leader," comments Dr. Nabil Bissada.

Dr. Al-Zahrani currently serves as a Professor of Periodontics and Chairman of the Department of Oral Basic and Clinical Sciences at King Abdulaziz University, Faculty of Dentistry, Jeddah, Saudi Arabia. The author of many published articles in influential scientific journals, Dr. Zahrani has also won several awards for his work. He recently finished co-authoring a book on the relationship between periodontal and systemic diseases (in Arabic). Dr. Al-Zahrani is married and has three children.

"No time in my life will ever compare to the time I spent as a postgraduate student at CWRU. During that time I had a chance to enjoy an outstanding education and to meet and interact with amazing people," adds Dr. Al-Zahrani.

"Without a doubt, Mohammad is one of the hardest workers I have ever known and it has served him well."

– Dr. Nabil Bissada

Anil K. Bouri, D.D.S., M.S.D. '06 is practicing in suburban Chicago and doing well with two offices for his Midwest Dental Specialists practice—one in Elmhurst and one in Downers Grove, Illinois. He is a Diplomate of the American Academy of Periodontology, and is active in organized dentistry as a member of the Illinois State Dental society, Chicago Dental Society, and the Western Suburban Dental Society.

Juzer Chinwalla, D.D.S. '92, M.S.D. '95 has private practice locations in Bloomington and Darien, Illinois. He also teaches pre-doctoral students one day a week at Midwestern University. His wife, Vandana Chinwalla, is adjunct faculty at Benedictine University for molecular biology and microbiology. Their children are daughter Anisha, 17, a freshman at University of Southern California majoring in economics; son Rohan, 15, a sophomore in high school; and daughter Neha, 13, an eighth grader.

Dima Lakkis, D.D.S. '06, M.S.D. '11 was recently board certified and lives and practices in Arlington, Virginia at Smile Designer with two office locations, as well as at Arlington Dental Team. Her husband, Fadi Saleh, D.D.S., practices orthodontics in Arlington and Lakeridge. They have two children, Adam, 5 and Celine, 2.

James I. Matia, D.D.S., M.S.D. '84 has offices in Wooster and Medina (where he also lives) with a practice that is both periodontics and dental implants. Married to his wife, Sharon, since 1986, they have three children ages 22, 21, and 19 (no future periodontists!).

Nomith Ramdev, D.M.D. '99, M.S.D. '06 is still in private solo practice in Dover, New Hampshire. The practice name is Nomith Ramdev DMD, MSD PLLC with a satellite office in Exeter with the same name. He and his wife, Sangeetha Ramdev, just celebrated their 20th anniversary and have two daughters, Maya, 11 and Riya, 8.

Omid Kiarash, D.M.D., M.S.D. '06 and his wife, Sara, are living in Montreal, Canada enjoying the French lifestyle of the European city. They will be celebrating the four-year anniversary of his private practice next month.

Meet the Newest Faculty Members

Andre Paes B. da Silva, D.D.S., M.Sc., Ph.D.

Assistant Professor/Periodontics
Graduate Clinic Director



Although he has lived in some beautiful cities, Dr. Andre Paes is pleased to be in Cleveland and is enjoying it very much—he gives it high marks for having a lot of character which makes it more appealing to him. He opted to live in Lakewood in order to get a great view of the lake.

Born and raised in Fortaleza, Brazil, Dr. Paes holds a D.D.S. from Federal University of Ceara Brazil (1999). In addition to a Specialty Degree in Periodontics from Associação Brasileira de Odontologia, he earned his M.Sc. and Certificate in Periodontology from the University of North Carolina. In addition, Dr. Paes holds M.Sc. and Ph.D. degrees from the University of Toronto.

Dr. Paes has authored more than seven articles published in various peer-reviewed journals and 16 abstracts presented in professional meetings. Active

in several professional organizations, including the American Academy of Periodontology, American and International Associations for Dental Research, and Associacao Brasileira de Odontologia (ABO), Dr. Paes has received several awards for his research. His research interests include periodontal pathogens, periodontal inflammatory response, and the association between periodontitis and systemic diseases.

"I feel honored to be part of an outstanding academic institution in the United States, such as CWRU. I am highly motivated to continue to acquire more in-depth knowledge of periodontology, and to work in collaboration with peers and enhance the working environment."

Jonathan H. Ross, D.D.S. '06, M.H.S.

Clinical Assistant Professor (Volunteer)



Having grown up in North Olmsted, Dr. Jonathan Ross is glad to be back in Cleveland. After receiving his Master of Health Science degree in periodontics at the Medical University of South Carolina's College of Dental Medicine, he

spent four years in private practice in Bluffton, South Carolina.

Recently, Dr. Ross joined the practice of periodontics and implantology specialist Paul A. Ricchetti, D.D.S., M.Sc.D., who is also a volunteer faculty member.

Their office is located in Mayfield Heights (<http://www.ricchettiperio.com/>).

Dr. Ross is a Diplomate of the American Board of Periodontology.

"I am not only pleased to be back in Ohio, but to be working with Dr. Ricchetti. Teaching at the dental school is another great homecoming for me and I have no doubt that I will learn as much as I hope to teach my students."

Jason Stroom, D.D.S., M.S.D.

Clinical Assistant Professor (Volunteer)



A native Clevelander, Dr. Jason Stroom earned his D.D.S. at the University of Michigan School of Dentistry and M.S.D. at Virginia Commonwealth University School of Dentistry in Richmond. He became board certified by the American Board of Periodontology in June 2012.

Dr. Stroom is a member of many professional organizations including the American Dental Association, Ohio Dental Association, Greater Cleveland Dental Society, American Academy of Periodontology, and Ohio Academy of Periodontists. In addition, he is a Life Member of the American Legion, Veterans of Foreign Wars and the Jewish War Veterans of the United States of America.

After being commissioned as a Lieutenant in the U.S. Navy Dental Corps, Dr. Stroom completed his General Practice Residency at the National Naval Medical Center in Bethesda. Here he was part of the team that provided surgical care for those returning from Operation Iraqi Freedom with trauma injuries to the head and neck. In July 2006, Dr. Stroom reported to U.S. Naval Mobile Construction Battalion FIVE (NMCB-5) in Port Hueneme, California to serve with the Seabees as the Battalion Dental Officer and Department Head. After six-month deployments to Kuwait in support of Operation Iraqi Freedom and Okinawa, Japan in support of naval pacific operations, he was awarded the Navy and Marine Corps Commendation Medal.

Because he always wanted to teach and have a full-time practice, working at the dental school every other Friday is ideal for Dr. Stroom who maintains a practice in Lyndhurst (www.clevelandperio.com). He credits his mentor at Virginia Commonwealth, Dr. Tom Waldrop, for encouraging him to teach at CWRU.

"I am happy to return to home to Cleveland after many years of training abroad."

Dr. Stroom is married to Dr. Mindy Stroom who is an orthodontist in Solon, and they have two young sons.

Welcome New Residents



Dr. Ann Marie Adornato received her B.A. in biological sciences from the University of Buffalo 2004, a D.M.D. from CWRU in 2008, and did her general practice residency at Loyola University in

2009. She most recently practiced at the Local SEIU (School Employees International Union) 32 BJ Dental Center in New York City.

"Becoming a periodontist has long been my goal."



Dr. Gazabpreet Kaur Bhandal received her B.D.S. in 2010 from SGRD (Sri Guru Ram Das) Institute of Dental Sciences and Research in India. Since 2012, she has been a volunteer research

assistant at CWRU.

"Periodontics is a rewarding profession that I am eager to pursue as I continue my work in both academics and research."



Dr. Ernest Bahgat Meleka Erian received his B.D.S. from Egypt's Modern Sciences & Art University (MSA) in 2010. Prior to coming to CWRU, he was a rotating dental intern at Cairo University and MSA.

"Periodontics is a challenging dental specialty that offers creativity and personal satisfaction for me."



Dr. Ehab Wahib G. Moussa received his B.D.S. from the Faculty of Dentistry, Alexandria University in Egypt in 2009. Before coming to CWRU, he was a general practitioner and quality manager of the

International Dental Center (Cairo and Alexandria).

"I have a love for periodontics and am very eager to learn the required techniques."

Presentations, Publications & Media

PRESENTATIONS

Dr. Yiping W. Han

"The Mobile Oral Microbiome: Implication of Oral Bacteria in Extra-Oral Infections" University of Southern California Seminar, June 2012

"Oral Bacteria in Pregnancy Complications" American Academy for Oral Systemic Health (AAOSH) Annual Symposium, Cleveland Clinic, Cleveland, Ohio June 2012

"Oral Bacteria in Adverse Pregnancy Outcomes" UMDNJ, Newark, New Jersey, April 2013

"A Tale of Two Diseases: Pathogenesis mechanisms of *Fusobacterium nucleatum* in Adverse Pregnancy Outcomes and Colorectal Cancer" Columbia University Department of Microbiology & Immunology, New York, New York April 2013

"*Fusobacterium nucleatum* Promotes Colorectal Cancer" 10th International Innate Immunity Conference, Kos, Greece, June 2013

Dr. Leena Palomo

"Postmenopausal Women: Extraordinary Potential and Outcomes That Would Make Any Dentist Smile" Greater Cleveland Dental Society, CWRU Faculty Showcase, Cleveland, Ohio, October 2012

"Periodontal Management of Postmenopausal Women" Midwest Society of Periodontology. Chicago, Illinois, February 2013

"Postmenopausal Women: Managing Multidisciplinary Surgical Cases Involving Chronic Conditions, Medications, and High Expectations" Future University 2nd International Dental Conference. Cairo, Egypt, April 2013

Dr. Nabil F. Bissada

"The Driving Force Behind Age-Related Oral and Systemic Diseases" and "Advanced Surgery for the Treatment of Periodontal Conditions and Implant Placement" Pennsylvania Dental Association, Harrisburg, Pennsylvania, March 2013; and Future University 2nd International Dental Conference. Cairo, Egypt, April 2013

PUBLICATIONS

Murphy, C.M., Bissada, N.F., Davidovich, A., Kucska, S., Bergman, R. Corticotomy and Tissue Engineering for Orthodontists: A Critical History and Commentary. *Seminars in Orthodontics. Integrated Clinical Orthodontics* 2012

Alzahrani, A., Bissada, N.F., Juervic, R., Narendran, S., Nouneh, I., Al-Zahrani, M. Reduced Systemic Inflammatory Mediators After Treatment of Chronic Gingivitis, *Saudi Med. J.* 34(4) 415-419, 2013

Batista de Silva, A. P., Bissada, N.F., Genetic and Behavioral Risk Factors Associated with Periodontal Disease, *In V. Anand & Gulatic (Eds.) (Text book chapter)* 2013

Han, Yiping W. and Wang, X. Mobil Microbiome: Oral Bacteria in Extra-Oral Infections and Inflammation, *J. Dent. Res.* 92(6):485-91. doi:10.1177/002203487559. Epub 2013 Apr 26 (invited review)

Palomo, Chitguppi, Buenamino, Santos, Thacker, A Need to Educate Postmenopausal Women of Their Periodontal Health, *Journal of the Indian Society of Periodontology, Vol. 17 Issue 2, Mar-Apr 2013*

MEDIA COVERAGE

"Treat Gum Disease to Ease Arthritis" Nabil Bissada, *Bottomline Health*

"Give Prostate Woes the Brush-Off" Nabil Bissada, *AARP Magazine*

"Potential Link between Periodontal Disease and Prostatitis" Nabil Bissada, *Inside Dentistry, Dental Health Magazine*

"What Dentists Wish All Guys Knew" Nabil Bissada, *Health Technology Net, DMN Forums*

"Identification of Oral Bacterial DNA in Synovial Fluid of Arthritis Patients with Native and Failed Prosthetic Joints" S. Temoin, A. Chakaki, A. Aksari, A.El-Halaby, S. Fitzgerald, R.E. Marcus, Y.W. Han, N.F. Bissada, *AAOS Headline News Now, April 18, 2012; Science Daily, April 18, 2012*

"Possible Link Between Gum Disease and Failed Joints" interview with Nabil Bissada *WCPN 90.3 (public radio), April 19, 2012*

"Joint Infections: Oral Bacteria Could Be Culprit" Nabil Bissada, *The Plain Dealer, April 24, 2012*

"Gum Disease Joins Hot Flashes and PMS Associated with Women's Hormones" Charlene Krejci, *Science Daily, May 29, 2012*

"How Your Mouth Is Hurting Your Knees" Nabil Bissada, *Men's Health News, July 2, 2012*

"Mouths and Knees" interview with Nabil Bissada by U.S. Department of Health and Human Services *HealthBeat (HHS) 2012*

"Inflammation Links Obesity and Gum Disease" CWRU dental faculty attribution, *St. Louis American, June 5, 2013*



DR. BISSADA KEYNOTER AT INTERNATIONAL CONFERENCE

Dr. Nabil Bissada recently served as an organizing committee member, keynote speaker, and moderator at the International Conference on Dental and Oral Health in Las Vegas, Nevada. The title of his presentation was "Recent Findings Linking Oral to General Health."

Now in its second year, the conference is organized by the OMICS Group and designed for international dental and oral health professionals to facilitate the dissemination and application of research findings related to oral health and the interactions between oral and systemic health. The conference invites participants from all leading universities, clinical research institutions, and diagnostic companies to share their research experiences.

Recent Graduates: Their Research and Where They Are Headed

The discoveries made by our faculty, students, and graduates continue to add significant new knowledge and techniques to the field of periodontics and dentistry around the world. Four of our recent graduates are soon to have their research published:

Martin Leybovich, D.D.S., M.S.D. '13 is practicing in his hometown of Pikesville, Maryland. *Research focus:* multidisciplinary periodontics and restorative dentistry.

Nawwaf Al-Hamoudi, B.D.S., M.S.D. '13 is heading back to Saudi Arabia. *Research focus:* multi-disciplinary oral and maxillofacial surgery and perio-ridge augmentation.

Sima Zitouni, D.D.S., M.S.D. '13 will practice in Nebraska. *Research focus:* periodontic disease and Omega-3 link.

Naif Alwathanani, D.D.S., M.S.D. '13 is returning to Saudi Arabia. *Research focus:* periodontal disease and prostate link.

Faculty Awards & Service

Nabil F. Bissada, D.D.S., M.S.D. appointed Editor-in-Chief of the online *Journal of Dentistry*

Yiping W. Han, M.S., PhD. received a \$1.7 million NIH grant for low birth weight infant research

Nishanti Joshi, D.M.D. '06, M.S.D. '09 received a 2013 American Academy of Periodontology Award for Outstanding Teaching and Mentoring

Leena Palomo, D.D.S. '00, M.S.D. '04 featured in the AADR's (American Association of Dental Research) *Strides of Science* column

Paul Ricchetti, D.D.S., M.Sc.D. elected Vice President of the Midwest Society of Periodontology



SCHOOL OF DENTAL MEDICINE
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Department of Periodontics
10900 Euclid Avenue
Cleveland, Ohio 44106-4905

Save The Date & Join Us

**American Academy of Periodontology
2013 Annual Meeting**

September 28 – October 1

Philadelphia, Pennsylvania



A cocktail reception for CWRU Alumni and Friends hosted by Dr. Nabil Bissada will be on Monday, September 30 from 6:30 -8:00pm at the Philadelphia Marriott, 1201 Market Street

RSVP by September 14, 2013

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