

Periodontics News 2012



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

From the Chairman

A Year of Achievement

In reporting a very successful year, I would like to acknowledge that the accomplishments that distinguish our department take place at every level—our staff,

students, graduates, and faculty deserve collective credit for our progress. With great pride in our achievements, I am confident that we are poised to make increasingly significant contributions as we look to the future.

Congratulations are extended to faculty award recipients Drs. Palomo, Lee, and Han; to Drs. Murphy and Frankel on their well-earned promotions; to Dr. Ficara on his second appointment as an AAP board examiner; and to the four graduates who attained AAP Diplomate status. Join me in welcoming new faculty members Drs. Paes and Stroom, as well as resident Dr. John Estemalik (who brings the total number of graduate students to nine).

Our research efforts have been widely noted as we remain a leader in exploring the connections between periodontal disease and other health afflictions. Current prominent research subjects include: oral bacteria influence on natural and artificial joint failures; the impact of women's hormonal changes on periodontal health and oral health issues that complicate pregnancy; and the relationship between obesity and chronic periodontal disease.

Finally, through a dental school-wide technology system, we now benefit from digital picturing archiving and communications that brings a new dimension to dental research, patient care, and student training. I invite all of our alumni and friends to visit and experience our progress firsthand.

Thank you all for your support, with special thanks to Dr. Hui-Jin Lee for her generous donation to the Chairman's Fund of the Department of Periodontics. I hope to see many of you at the AAP annual meeting in Los Angeles this fall.

FACULTY AWARDS & SERVICE

Leena Palomo, D.D.S. '00, M.S.D. '04, received the 2012 William Clark Award of the American Association for Dental Research

Hui-Jin Lee, D.D.S. '92, M.S.D. '95, received the 2012 AAP Award for Outstanding Teaching & Mentoring in Periodontics

Yiping W. Han, M.S., Ph.D., named Honorary Professor, West China College of Stomatology, Sichuan University, China

Nabil F. Bissada, D.D.S. '78, M.S.D., selected International Advisory Board Member for the Journal of the Royal Medical Services, Jordan

Anthony J. Ficara, D.D.S., M.S., selected as AAP Board examiner for second year

NEW FACULTY APPOINTMENTS

Dr. Andre Paes, assistant professor; D.D.S. (1999) Universidade Federal do Ceara, Brazil; M.Sc. (2003) and Ph.D.(2009) University of Toronto; M.S. Oral Biology and Certificate in Periodontics (2012) University of North Carolina

Dr. Jason Stroom, clinical assistant professor; D.D.S. (2005) University of Michigan; M.S.D. (2011) Virginia Commonwealth University; AAP Diplomate

FACULTY PROMOTIONS

Neal C. Murphy, D.D.S., M.S. '76, to clinical professor
Lawrence S. Frankel, D.M.D. '77, M.S. '81, to associate professor

RECENT GRADUATE ACCOMPLISHMENTS

Dr. Paula Ortiz , Dr. Cecilia Perera, Dr. Ahmed Alzahrani, and Dr. Ahmed El-Halaby became Diplomates of the AAP

Dr. Anh Nguyen started his private practice in Boston
Dr. Sarah Feteih will return to Saudi Arabia to teach and start a private practice

Dr. Ahmed Alzahrani joined the Division of Periodontics at King Abdulaziz University, Jeddah, Saudi Arabia and will start a private practice

NEW RESIDENT

John Estemalik, D.D.S. (2007) Ain Shams University, Egypt



A Special Relationship Exemplifies the Department's Teaching Strength

When Dr. Henry Greenwell and Dr. Imad Nouneh first met at the University of Louisville they already had a common bond: the mentorship of Dr. Nabil Bissada. Today, the three maintain a special relationship while bringing the teaching of periodontics full circle.

Between his graduation from Louisville's School of Dentistry and receiving his M.S.D. and Certificate in Periodontics at CWRU in 1982, Dr. Greenwell obtained a law degree to expand his knowledge base for his career, but never practiced. After serving as an assistant professor at CWRU, Dr. Greenwell returned to Louisville in 1988 where he established and continues to direct the Division of Periodontics and the graduate program.

That same year, Imad Nouneh graduated from the Damascus University School of Dentistry (Syria). He then joined CWRU's Advanced Standing program for internationally trained dentists before heading to Louisville to study with Dr. Greenwell on the advice of Dr. Bissada. A member of Dr. Greenwell's first class, Dr. Nouneh received his M.S. and Certificate in Periodontics in 1995. Returning to Cleveland to join a private practice group, he began teaching at CWRU in 1999 where he is an assistant clinical professor.

Selected by the American Academy of Periodontology, Dr. Greenwell is serving a prestigious four-year term as the specialty's representative to the ADA's Commission on Dental Accreditation (CODA) as chair of the Review Committee on Periodontics Education. He notes that the Academy has a strong continuing interest in the relationship of periodontic health to systemic diseases—a research area long advocated by Dr. Bissada and the inspiration for his own endeavors that focus on implants, aesthetics, and root coverage.

"It is very satisfying for me to see Henry's success as a well respected leader in our field and, in turn, to have Imad doing a superb job in helping to train our residents. Our department's prominence in educating each new generation depends on our ability to produce fine teachers."

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



Henry Greenwell,
D.M.D., J.D., M.S.D., F.A.C.D.



Imad Nouneh,
D.D.S., M.S.

"I am very appreciative of the great start that I received at CWRU under Dr. Bissada's guidance and for his recommendation of Imad who did an outstanding job as a resident at the critical beginning of Louisville's program," said Dr. Greenwell.

Dr. Nouneh acknowledges that he is fortunate to have an important relationship with both mentors who influenced his path. He and Dr. Greenwell still see each other at least once a year to attend graduations and help students prepare through a "mock board exam."



American Academy of Periodontology Annual Meeting September 29 - October 2, 2012

JW Marriott Los Angeles L.A. Live • 900 West Olympic Boulevard • Los Angeles, California

A cocktail reception for CWRU Alumni and Friends hosted by Dr. Nabil Bissada will be on Sunday, September 30 at the Marriott

RSVP by September 14, 2012

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Presentations, Publications & Media

PRESENTATIONS

Dr. Ahmed Alzahrani "Changes in Systemic Inflammatory Markers After Treatment of Chronic Gingivitis" American Association for Dental Research (AADR) Annual Meeting, Tampa, Florida

Dr. Dima Lakkis "Response to Periodontal Therapy in Obese Subjects With and Without Bariatric Surgery" AADR Annual Meeting, Tampa, Florida

Dr. Leena Palomo "Periodontal Outcomes in Postmenopausal Women" Hacettepe University, Ankara, Turkey

Dr. Leena Paloma "Importance of Bone in Multidisciplinary Outcomes: Case Studies in Postmenopausal Women" Brazilian Society of Orthodontics

Dr. Leena Palomo "Family First: Addressing Families, Risk Assessment and Imperprofessional Education in a Clinical Experience" ADEA 2012, Orlando, Florida

Dr. Yiping W. Han "Mechanism of *Fusobacterium nucleatum* pathogenesis and implication of oral bacteria in pregnancy complications" Indiana Chapter of AADR, Indianapolis

Dr. Yiping W. Han "Pathogenesis of *Fusobacterium nucleatum* and implication of oral bacteria in pregnancy complications" Seoul National University School of Dentistry, Korea

Dr. Yiping W. Han "Identification and characterization of a novel endothelial cell receptor for *Fusobacterium nucleatum*" 4th Congress of European Microbiologists, Geneva, Switzerland

SELECT PUBLICATIONS

Temoin, S., Chakaki, A., Askari, A., El-Halaby, A., Fitzgerald, S., Marcus, R., Han, Y., Bissada, N.F. (2012) Identification of Oral Bacterial DNA in the Synovial Fluid in Arthritis Patients with Native and Failed Prosthetic Joints. *Journal of Clinical Rheumatology*, 18(3):117-121

Krejci, C., Bissada, N.F. (2012) Periodontitis and its Relation to Hormonal Changes, Adverse Pregnancy Outcomes, and Osteoporosis. *Oral Health and Preventive Dentistry*, 10: 83-92

Lakkis, D., Bissada, N.F., Khaitan, L., Saber, A., Palomo, L., Narendran, S., Al-Zahrani, M. (2012) Effect Of Gastric Bypass Surgery on Response to Periodontal Therapy in Obese Patients Affected with Chronic Periodontitis. *Journal of Periodontology*, 83(6): 684-689

Palomo, L., Buenocamino, M.C., Thacker, H. (2011) Body Mass Index and Periodontal Health in Postmenopausal Women. *International Journal of Endocrinology*, 9(4): 364-368

Bezak B., Palomo L. (2011) Does CBCT Have Potential as a Diagnostic Tool for Measuring Periodontal Attachment Levels? *Orthodontic Science and Practice*, 4(15):625-631

Krejci, C., Bissada, N.F. (2012) Obesity and Periodontitis: A Link. *General Dentistry* (accepted for publication)

Luis, P., Tandler, B., Bissada, N.F., Duarte, S. (2012) Comparison of Heat Generated by Alumina-Toughened Zirconia Versus Stainless Steel Burs for Implant Placement. *International Journal of Oral and Maxillofacial Implants* (accepted for publication)

Murphy, N.C., Bissada, N.F., Davidovitch, Z., Kucska, S. (2012) Corticotomy and Stem Cell Therapy for Orthodontists and Periodontists: Rationale, Hypotheses, and Protocol *Integrated Clinical Orthodontics*, 21: 392-421. Wiley-Blackwell Publisher

MEDIA INTERVIEWS with Dr. Nabil Bissada

"Oral Bacteria Could Be Culprit" *Cleveland Plain Dealer*, April 24, 2012

"Possible Link Between Gum Disease and Failed Joints" WCPN Public Radio and TV interview, April 19, 2012

"Mouths and Knees" Interview by U.S. Department of Health and Human Services *HealthBeat* (HHS), June 8, 2012



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Meet the Staff

Inna Kats

Department Assistant



In the two years that Inna Kats has been assisting Dr. Nabil Bissada with the administration of the Department of Periodontics, there has been little down time—exactly why she finds the position satisfying. With a range of responsibilities in a busy department, she works closely with faculty, residents, and the research lab. The ability to manage her workload independently is another plus for her.

As the grants administrator, Inna helps with grant submissions and keep her finger on the pulse by tracking and managing departmental funds. In addition, she assists faculty with their publications by submitting them to the different journals and fielding the many inquiries that come from around the world following publication.

“Periodontics is a very productive department and I am proud of our many faculty awards, important publications, and successful grant programs. Working at the dental school and the Department of Periodontics provides me with good experience and I appreciate the ability to learn more,” she remarks.

Born in Russia, Inna’s family moved to Beersheva, Israel when she was ten. While there she served in the army, received a certificate in accounting, and, after completing her bachelor’s degree in human resource management at Ben Gurion University, she joined her future husband in Cleveland in 2005. Her first job here was at a bank (she had done similar work in Israel). Besides English, Inna also speaks Hebrew and Russian.

Jacqueline Roulette

Clinic Receptionist & Secretary



More than seven years ago, Jackie Roulette came to the School of Dental Medicine’s Student Clinic as a temporary patient coordinator. After six months, she accepted the permanent position of receptionist and secretary at the Periodontic Clinic where she continues to

combine efficiency and friendliness for the benefit of not only patients, but the residents, faculty, and staff.

A native Clevelander, Jackie has worked in dentistry for more than 20 years, allowing her to keep pace with the newest technology and receive broad-based training. For five years, she was a dental assistant for one of the largest national networks of dental offices where she gained valuable experience in understanding patient needs together with administrative skills.

At the clinic, Jackie is responsible for all of the scheduling, as well as helping new residents with both their requirements and the protocol. She is quick to acknowledge that one of the most interesting aspects of her job is meeting people from different countries and learning about their cultures.

“Working with the residents is something I enjoy immensely because we are truly like an extended family,” notes Jackie.

Patients clearly appreciate the time she allows them and the reassurance she provides—many return to thank her, often with a small gift. In turn, Jackie remembers most patients by name and ensures that they receive all of clinic information they require for insurance matters.