

Department of Restorative Dental Sciences

The Operative Bond



Dr. Marcelle Nascimento Elected to AAC board

Marcelle Nascimento, D.D.S., M.S., Ph.D., was recently elected to serve on the Board of Directors of the *American Academy of Cariology*, or AAC, as chair of the Caries Research Pillar.

An associate tenured professor in the UF Department of Restorative Dental Sciences Division of Operative Dentistry, Dr. Nascimento joined the college in 2005 as a post-doctoral associate in the UF Department of Oral Biology. She became an adjunct clinical assistant professor in 2006, an assistant professor in 2007 and was promoted to associate professor with tenure in 2015.

Nascimento was also an invited speaker for the AAC Second Annual Conference in August 2018 in Denver, Colorado. The conference theme was “*Dental Caries Progress – Sugar or Bacterial Dysbiosis?*” Nascimento’s lecture was titled, “*Is it sugar or is it the microbiome?*”

The goals of the caries-related research pillar, or interest group, are to disseminate, translate, and implement caries research into practice as well as to collaborate with other organizations to define: a) research priorities as the basis for advocacy and improved public health and patient care, and b) training needs in cariology.

The AAC was established in 2016 with the vision of eradicating dental caries in the United States through the promotion of science-based disease management. The AAC is the leading interprofessional organization that advocates, communicates and supports development and integration of cariology to promote oral health with a focus on research, professional and community education and science-based caries management for individuals and communities.



Dr. Marcelle Nascimento

Dr. Upoma Guha joins the division



Dr. Upoma Guha earned her Bachelor of Dental Surgery (B.D.S.), from the University of Dhaka, Bangladesh in 2009. Dr. Guha completed a three-year residency in Operative Dentistry from the University of North Carolina (UNC) at Chapel Hill and received her Masters of Science and a Clinical Certificate in Operative Dentistry in 2015.

Before joining the University of Florida, Dr. Guha was working as Clinical Assistant Professor in the Department of Restorative Dentistry at the University at Buffalo (UB), The State University of New York. She is actively involved in introducing the modern digital technology in the pre-clinical operative dentistry courses. Besides, Dr. Guha provides research mentorship to DDS students for research related to dental erosion, pre-clinical dental education, implication of digital technology in operative dentistry education, and use of nanomaterials as dental restorative materials.

Dr. Guha is actively involved in several national and international organizations including Academy of Operative Dentistry (AOD), Consortium of Operative Dentistry Educators (CODE), and International Association of Dental Research (IADR). We are thrilled to have Dr. Upoma Guha with us.

Meet our new Operative Dentistry Residents

Dr. Snigdha Gummadi was born and raised in India. In 2015, she earned her Bachelor of Dental Surgery from the DR. NTR University of Health Sciences in India. She then moved to the US where she wants to pursue her residency in operative and esthetic dentistry. She finished a internship with the RDS department in 2018 under the supervision of Dr. Jean Francois Roulet.

Apart from being involved in dentistry and research, Dr. Snigdha loves spending time with her two kids and husband. She enjoys cooking various cuisines and loves dancing to Bollywood tunes in her free time.



Dr. Carlos Kose is original from Brazil. He received the D.D.S. degree from the State University of Ponta Grossa, Brazil, in 1999. In 2007, he received a degree as a specialist in Restorative Dentistry from Brazilian Dental Association. In 2008, Dr. Kose earned his Masters and Ph.D. degrees in Restorative Dentistry from the State University of Ponta Grossa, Brazil. Dr. Kose joined the Brazilian Dentistry Association (Ponta Grossa Regional Association School of Professional Development) as a restorative professor. Dr. Kose worked in his private practice since 1999, and his professional interests focus on aesthetic dentistry, dental ceramics, and CAD/CAM.

Operative Division Teaching and Education

Professional Presentations (May – Aug 2018)

Dr. Saulo Geraldelli. Odontologia Restauradora Minimamente Invasiva - Aspectos Relacionados a Seleção de Casos e Biomateriais Odontológicos. Operative/Prosthodontic Specialization Course. Brazil, May 25

Dr. Valeria Gordan. Presentation to Dental Students of the Summer Research Program about practice-based research and introduction to the NDPR Network, University of Florida College of Dentistry. June 19

Dr. Valeria Gordan “Assessment of caries diagnosis and treatment” National Dental Network in the United Kingdom, London, UK. July 26

Dr. Valeria Gordan . “Assessment of caries diagnosis and treatment” National Dental Network in the United Kingdom Nijmegen, Denmark July 31

Dr. Marcelle Nascimento. Is it sugar or the microbiome? 2nd annual meeting of the American Academy of Cariology (AAC), Denver, CO, August 27

Dr. Jean Francois Roulet. In-vitro wear of ACTIVA and Cention N in comparison to other dual cure composites. Northern Lights 2018, Dalhousie University/Niom Oslo July 31st

Dr. Jean Francois Roulet. Ceramic update. UF Continuing Dental Education Othodontics & Esthetics, UFCD Gainesville Aug 19

Dr. Jean Francois Roulet. Cementation. UF Continuing Dental Education Othodontics & Esthetics, . UFCD Gainesville Aug 19

Dr. Jean Francois Roulet. Ceramic update. UF Continuing Dental Education 14th Annual General Dentists and CDP Reunion Symposium. UFCD Gainesville Aug. 25

Dr. Marcelle Nascimento. Clinical guideline for tooth separation to improve assessment of approximal caries lesions: an educational report. 65th ORCA Congress in Copenhagen, Denmark

Omicron Kappa Upsilon (OKU) Inducted Dr. Alex Delgado



Omicron Kappa Upsilon is a national dental honor society founded for the purpose of encouraging scholarship and/or advancing the ethical standards of the dental profession. Faculty inductees are elected by the full time faculty members of the Xi Omicron chapter, for their outstanding contributions to the “art and science of dentistry.” We are very proud that this year **Dr. Alex J. Delgado** from the Division of Operative Dentistry was honored with their election.

Drs. Dilbone and Nascimento-New Officers of OKU

Dr. Deborah Dilbone was elected president and **Dr. Marcelle Nascimento** was elected to serve as secretary/treasurer of the 2018 Xi Omicron Chapter. Omicron Kappa Upsilon mission is to promote and recognize scholarship and character among students and faculty of dentistry. Dr. Dilbone was inducted in 2014 and Dr. Nascimento in 2016.



Published Research (May-Aug 2018)

de Moraes RC, Silveira RE, Chinelatti M, **Geraldeli S**, de Carvalho Panzeri Pires-de-Souza F. *Bond strength of adhesive systems to sound and demineralized dentin treated with bioactive glass ceramic suspension*. Clin Oral Investig. 2018 Jun;22(5):1923-1931.

Ferracane JL, Funkhouser E, Hilton TJ, **Gordan VV**, Graves CL, Giese KA, Shea W, Pihlstrom D, Gilbert GH; National Dental Practice-Based Research Network Collaborative Group. *Observable characteristics coincident with internal cracks in teeth: Findings from The National Dental Practice-Based Research Network*. J Am Dent Assoc. 2018 Aug 13. pii: S0002-8177(18)30425-2.

McCauley JL, Leite RS, **Gordan VV**, Fillingim RB, Gilbert GH, Meyerowitz C, Cochran D, Rindal DB, Brady KT; National Dental Practice-Based Research Network Collaborative Group. *Opioid prescribing and risk mitigation implementation in the management of acute pain: Results from The National Dental Practice-Based Research Network*. J Am Dent Assoc. 2018 May;149(5):353-362.

Dilbone D, Feng X, Su Y, Xirau-Probert P, Behar-Horenstein L, **Nascimento MM**. *Influence of preparatory workshops on dental students' academic performance and stress on their first Operative Dentistry psychomotor exam*. Journal of Dental Education 2018, 82(6):608-613.

Roulet JF, Hussein H, Abdulhameed N, Shen C. *In-vitro-Verschleiß von zwei bioaktiven Komposits und einem Glasionomerzement*. DZZ 2018; 73:

Roulet JF, Rocha MG, Shen C, Khudhair M, DeOliveira DCRS. *Beam profile characterization of a dental light curing unit using a spectrometer-based method*. Stoma Edu J 2018; 5: 80-87.

Hussein H, Abdulhameed N, Shen C, Dolce C, **Roulet JF**. *Bonding orthodontic resin cement to zirconium oxide under orthodontic load and thermocycling effect*. Stoma Edu J 2018; 5: 98 – 104

Roulet JF. *Peer Review – The noblest duty of every researcher*. Stoma Edu J 2018; 5: 70-71

Delgado AJ, **Dias Ribeiro AP**, Quesada A, Rodríguez LE, Hernández R, Wynkoop B, **Dilbone DA**. *Potential erosive effect of mouthrinses on enamel and dentin*. Gen Dent. 2018 May-Jun;66(3):75-79

Sadid-Zadeh R, **Guha U**, Arany H. *Use of Virtual Comparison Software for Preparation Depth Assessment in a Dental Technique Skills Course*. J Dent Educ. 2018 Aug;82(8):891-897

Sinhoreti MAC, Soares EF, Abuna GF, Correr L Sobrinho, **Roulet JF**, **Geraldeli S**. *Microtensile Bond Strength of Adhesive Systems in Different Dentin Regions on a Class II Cavity Configuration*. Braz Dent J. 2017 Jul-Aug;28(4):474-481

Palasuk J, Windsor LJ, Platt JA, Lvov Y, **Geraldeli S**, Bottino MC. *Doxycycline-loaded nanotube-modified adhesives inhibit MMP in a dose-dependent fashion*. Clin Oral Investig. 2018 Apr;22(3):1243-1252

96th General Session & Exhibition of the IADR , London

Sinhoreti MAC, **Geraldeli S, de Padua GMR**, Pires-de-Souza FCP, Shen C. Testing Control and Experimental μ TBS Specimens Prepared from Single Tooth. 96th General Session & Exhibition of the IADR #469

Cassiano L*, **Geraldeli S, Ribeiro AP, Pereira PN**. MBS of Universal Self-Etching Adhesives in Function of Application Time. 96th General Session & Exhibition of the IADR. #2460

Geraldeli S*, Sinhoreti MAC, Pires-de-Souza FCP, **de Padua GMR**, Shen C. Comparing Weibull Moduli of μ TBS Using Dentin-Quarters and Undivided-Teeth. 96th General Session & Exhibition of the IADR #2460

Schiffman E, Look J, Litaker M, Riley J, Anderson G, Rindal B, **Gordan VV**, Meyerowitz C, Gillespie M, Velly A, National Dental PBRN Collaborative Group. "Outcomes for Painful TMD Patients in the National Dental PBRN. 96th General Session & Exhibition of the IADR #2957365.

Thacker BE, McEdward DL, Johnson JD, Gilbert GH, **Gordan VV**, Riley JL III, National Dental PBRN Collaborative Group. Practitioners' value of promotional items and activities in the National-Dental-PBRN. IADR 96th General Session & Exhibition of the IADR #2956635.

Gordan VV, McCauley J, Meyerowitz C, Cochran D, Rindal DB, Gilbert GH, **McEdward DL**, Caprio DS, Riley JL III, National Dental PBRN Collaborative Group. Effects of National-Dental-PBRN meeting discussions on practitioner opioid prescribing intentions. 96th General Session & Exhibition of the IADR. # 2956584.

Gordan VV, Makhija SK, Meyerowitz C, Cochran D, Rindal DB, Fellows JL, Gilbert GH, Johnson J, Fisher JC, Riley JL III, National Dental PBRN Collaborative Group. Changes in treatment of suspicious-occlusal-carries lesions: Results from National-Dental-PRBN. 96th General Session & Exhibition of the IADR #2957073.

Nascimento MM, Alvarez AJ, Huang X, Jenkins R, **Dilbone DA**, Garret T, Burne RA. Competition for Arginine as a Tipping Point for Caries Development. 96th General Session & Exhibition of the IADR # 2396

Oliveira D, Rocha M, Silvino A, Correr M, Sinhoreti M, Roulet JF. From Blue to red: Dental composites light cured by long wavelengths. 96th General Session & Exhibition of the IADR, # 0710

Roulet JF, Rocha M, Ragam K, Shen C. The characterization of four different light cure units using MARC Resin Calibrator. 96th General Session & Exhibition of the IADR # 0885

Rocha M, Oliveira D, Felix C, Sinhoreti M, **Roulet JF**, Correr A. Beam profile of dental light curing units using low budget cameras. 96th General Session & Exhibition of the IADR #0887

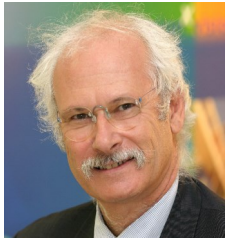
Conejo J, Cheng J, **Roulet JF**, Mante F, Blatz M. Loading capacity of CAD/CAM monolithic implant supported crowns with three materials. 96th General Session & Exhibition of the IADR # 1994

Suliman S, **Delgado AJ**, Olafsson VG, Donovan TE, Heymann HO, Sulaiman TA. Teeth Dehydration/Rehydration and the Effect of Time on Tooth Shade-selection . 96th General Session & Exhibition of the IADR # 1746

Sulaiman TA, Suliman AH, **Delgado AJ**, Abdulmajeed A, Donovan TE. Monolithic and Layered Zirconia Restorations Fracture Rates at 7.5 Years. 96th General Session & Exhibition of the IADR # 1744

Operative Division Research

Dr. Roulet Receives Industrial Grants



The Division of Operative is proud to announce that **Dr. Francois Roulet** received a new industrial research grant in the summer. He will serve as the Primary Investigator on the project entitled "*Wear of one Capsulated Basic Composite and Flowable Bulkfil Composite (control)*" sponsored by Ivoclar Vivadent (\$13,754). He also received a donation from Ultradent Products of \$4000 to conduct research with the new toothbrush wear machine.

Faculty Updates

Dr. Marcelle Nascimento attended and presented at the 65th ORCA Congress in Copenhagen, Denmark and the 2nd annual meeting of the American Academy of Cariology (AAC) in Denver, CO.

Drs. Marcelle Nascimento, Saulo Geraldeli, Luisa Cassiano and Jean Francois Roulet attended the 96th General Session & Exhibition of the IADR, in London, UK.

Dr. Deborah Dilbone was appointed as part of the Promotion and Tenure Committee and will also serve as the Chair of the Student Affairs Committee and part of the Strategic Planning.

Dr. Ana P. Ribeiro attended the ADEA Summer Program for Emerging Academic Leaders.

Dr. Jean Francois Roulet serves as Judge for the IADR Joseph Lister Award for New Investigators Review Committee. Also He was elected in the Senate.

Drs. Deborah Dilbone, Alex J. Delgado, Maria Caraballo and Patricia Pereira attended the FDC/FDA in Orlando, Florida, June 2018.

Dr. Saulo Geraldeli was elected in two committees, Curriculum Committee and Promotion and Tenure Committees.

Dr. Alex J Delgado was elected to the Student Affair Committee.

Dr. Luisa Cassiano was elected to serve in SPEC

Dr. Ana P. Ribeiro was elected to serve in the Research Committee



Dr. Nader Abdulhameed presenting his research poster in our RDS research day



Drs. Alex Delgado, Maria Caraballo, Patricia Pereira and Marc Ottenga at the FDC 2018 Gator Reception.



Dr. Ana P. Ribeiro with Dr. Annetty Soto and Dr. Olga Lauces at the ADEA emerging leaders summer program.



Dr. Saulo Geraldeli visiting the King's College in London.

Operative Division Service

A word from Dr. Delgado

Each year, new technologies emerge that change the way we perform dentistry. This technology challenges the acquisition, design, fabrication of conventional techniques, and also improves workflows and communication with patients, laboratories and colleagues. With that in mind, educational institutions are obligated to adopt this technology in their curriculum. The UF College of Dentistry have pioneered the use of CAD/CAM technology at the student level since 2008 and our mission has always been to benefit our students and their education. We have developed a curriculum in which every student is exposed to CAD/CAM technology; we have been using CEREC (Sirona) for many years, and in 2014 we brought an E4D scanner (Planmeca). All of our students are required to have a digital experience, and I am proud to announce that with the help of Dean Garcia, and the Graduate Operative Dentistry Program, the Department of Restorative Dental Science (RDS) has incorporated a 3D printer into the curriculum. Our goal is that all students have the experience of printing either a provisional, RPD frames, custom trays or nightguards before they continue on their next chapter as a future dentist. It is not an easy task, but the RDS faculty are excited for the challenge.

Alex

2nd Annual Spring Operative Picnic



Dr. Susan Nimmo organized our *2nd Annual Operative Spring Picnic* at Depot Park, for faculty members, family and friends to gather and enjoy a beautiful day filled with fun and an awesome brunch. We all had a great time, enjoyed the weather and relaxed. All the leftover food was donated to St. Francis House, to help our community.

Dr. Caraballo named Class Advisor for the Class of 2021

The DMD class of 2021 proposed to **Dr. Maria Caraballo** when asking her to be their class advisor...she said "Yes".

[WATCH THE VIDEO](#)



Providing CARE to our Patients

Many of the Operative faculty members are devoted to providing comprehensive care to patients in Faculty Practice in the area of prevention, diagnosis, restorative and esthetic dentistry.

Division Of Operative Dentistry
Department of Restorative Dental Sciences
College of Dentistry
University of Florida

**Dr. Upoma Guha, Dr. Saulo Geraldeli, Dr. Patricia Pereira,
Dr. Luisa Cassiano, Dr. Susan Nimmo, Dr. Alex J. Delgado,
Dr. Ana Ribeiro and Dr. Jean François Roulet.**

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