

# Department of Restorative Dental Sciences The Operative Bond



## 2017 Consortium of Operative Dental Educators

From October 25-27, The University of Florida and the College of Dentistry had the honor of hosting the 2017 South Region CODE meeting (Consortium of Operative Dental Educators). This time 12 dental schools from the south-east region met to discuss a national and regional agenda that covers various topics related to operative dentistry education and its implications on our curriculum. This year, was very special not only because we were hosts, but also because our entire division participated in the three-day meeting.



CODE Representatives

To summarize the agenda: On Wednesday, we began our meeting with the CaMBRA dinner at Paramount Grill. On Thursday morning, **Dr. Garcia** opened the event with a warm welcome to all the school's representatives; **Dr. Marcelle Nascimento** presented a lecture on *UFCD Caries Risk Assessment and Management Program*, and followed by Dr. Andrea Zandona (UNC) followed with a presentation on *Silver Diamine Fluoride: What are dental schools teaching and what should we be teaching?*. We then discussed the CaMBRA agenda and regional agenda, and ended the day with a social dinner at Leonardo's 706. On Friday morning, we discussed the national agenda and concluded the meeting with a tour of the college.

The guests were very impressed with our program and hospitality, but what impressed them the most was the strong the operative curriculum at UFCD. I do not like to brag, but I must admit that we are making a difference in operative dentistry. As the regional CODE director told me in private, "*I love how UF teaches us how to teach operative dentistry*".

1. Of the 12 dental schools, 11 are using silver diamine fluoride in which only 4 schools had implemented a protocol in their DMD/DDS program and we are one of those pioneer schools.
2. 11 schools out of 12 are using the medical/therapeutic model in their curriculum.
3. There were 5 schools that separate teeth to assess for cavitation/activity, but we are the first school to implement a protocol.
4. We were the only school that used the two-gold standard adhesive systems.
5. There were only three schools that taught polymerization protocols, and we were one of the three.
6. We are the only school that incorporates critical thinking exercises in the simulation laboratory.
7. We are the only school that has a monthly faculty literature review to calibrate faculty.
8. There were only three schools that have an advanced training program in operative dentistry.
9. We are among the top school in passing rate for operative boards.

I just wanted to share this with all of you, and thank you all for your support, and your help to move this division forward.

## Operative Division Teaching and Education

### Dr. Fernando Haddock joins the Division of Operative Dentistry

**Fernando J. Haddock**, DDS is a new Clinical Assistant Professor in the Department of Restorative Dental Sciences at the University of Florida College of Dentistry. Dr. Haddock received his dental degree from Marquette University School of Dentistry in 1991 and maintained his private practice for 20 years. He joined the University of Puerto Rico School of Dental Medicine in 1992 as an instructor teaching undergraduate dental students at both pre-clinical and clinical levels in the disciplines of Operative Dentistry and Dental Anatomy. He also served as the Director of the Continuing Education Program at the University of Puerto Rico School of Dental Medicine. In 2014, he joined the Dental College of Georgia at Augusta University as a Clinical Assistant Professor teaching in the disciplines of Operative Dentistry, Dental Anatomy and Esthetic Dentistry. Dr. Haddock has published in several peer-reviewed dental journals and is a diplomat of the American Association of Dental Consultants. We are thrilled to have Dr. Haddock joined the Division of Operative Dentistry.

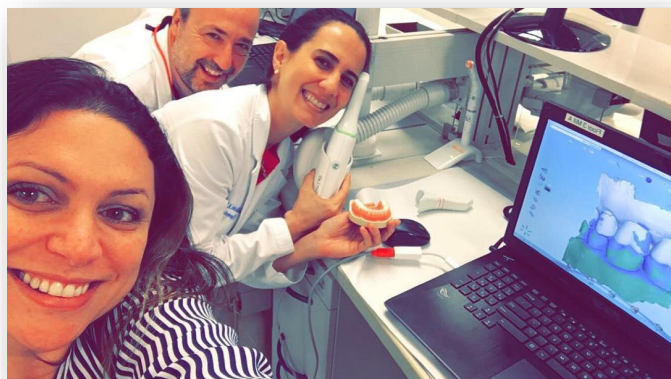


### Drs. Gordan and Nascimento receive UF Term Professorships

Each academic year, the University of Florida makes available to the colleges 250 Term Professorships. Each award runs for 3 years and provides a \$5,000/year salary supplement to the awardee. We are so proud and thrilled that **Drs. Valeria Gordan and Marcelle Nascimento** received the UF Term Professorship in 2017. The awards are based on an assessment of academic accomplishment.



### Division of Operative Dentistry and Technology



The Division of Operative Dentistry participated in a Faculty Calibration on E4D Technology. The course was given by **Drs. Alex J. Delgado, Luisa Cassiano, and Nader Abdulhameed**. It was a 4-hour didactic and hands-on course that covered "How to Scan, Design, Mill and Cement a CAD/CAM Restoration". The second part of the course will be given during the spring and will continue with "How to Characterize and Fire CAD/CAM Restorations".

## Operative Division Teaching and Education

### Professional Presentations (Sep-Dec 2017)

**Geraldeli S.** *"Operative Dentistry and Dental Biomaterial Update"* Alaska Dental Meeting. Anchorage, Alaska.

**Geraldeli S.** *"PILP – Development and Dental Applications. An Interview with Dr. Laurie Gower"*. Academy of Dental Materials Annual Meeting. Nuremberg, Germany.

**Roulet JF.** *"The Effect of Ceramic Light Scattering and Beam Profile on the Irradiance of Luting Cements"* 17th Biennial Meeting of the International College of Prosthodontics, Santiago de Chile, Chile.

**Roulet JF.** *"Alkasite: The New Generation of Composites"*. University de Guarulhos. Sao Paulo, Brasil.

**Roulet JF.** *"Cention N: A New Generation of Composite with Great Potential"* International Center for Dental Education, Sao Paulo, Brasil

**Roulet JF.** *"Composites: The New Generation with Great Potential"* Annual Meeting of Brazilian Orthodontist and Odontopediatrics Professors. Diamantina, Brasil

**Delgado AJ.** *"Erosive Tooth Wear. Etiology, Risk Factors, Diagnosis and Management"*. ADA Annual Meeting. Atlanta, GA USA.

**Nascimento MM.** *"UFCD Caries Risk Assessment and Management Program"*. CODE Regional Meeting. Gainesville, Florida.

**Roulet JF.** *"In Vitro Wear of Two Bioactive Composites and One Glass Ionomer Cement"* In. Gemeinschaftstagung der DGZ und DGET mit der DGPZM und der DGR2Z. Erhalte Deinen Zahn – Fakten, Kontroversen, Perspektiven. Berlin, Germany

**Gordan VV.** *"International Collaboration of Dental PBRN"*. Japan Practice Based Research Network. 5Th Annual Meeting. Kitakyushu City, Japan.

**Pereira PN, Ribeiro AP, Cassiano L.** Various Restorative Topics. Brazilian Week at University of Florida, Gainesville. FL.



**Dr. Alex J. Delgado** speaking at the ADA Annual Meeting in Atlanta, GA, USA (left)



**Dr. Saulo Geraldeli** Presenting a Lunch and Learn for the Academy of Dental Materials at Nuremberg, Germany. (right)

## Published Research (Sep-Dec 2017)

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*. 2017 Nov 28.

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Grohmann CVS, Soares EF, Souza-Junior EJC, Brandt WC, Puppim-Rontani RM, **Geraldeli S**, Sinhoreti MAC. [Influence of Different Concentration and Ratio of a Photoinitiator System on the Properties of Experimental Resin Composites](#). *Braz Dent J*. 2017 Nov-Dec;28(6):726-730.

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*. 2017 Sep 30.

Sousa-Lima RX, Silva L, Chaves L, **Geraldeli S**, Alonso R, Borges B. [Extensive Assessment of the Physical, Mechanical, and Adhesion Behavior of a Low-viscosity Bulk Fill Composite and a Traditional Resin Composite in Tooth Cavities](#). *Oper Dent*. 2017 Sep/Oct;42(5): E159-E166.

**Geraldeli S**, Soares EF, Alvarez AJ, Farivar T, Shields RC, Sinhoreti MAC, **Nascimento MM**. [A new arginine-based dental adhesive system: formulation, mechanical and anti-caries properties](#). *J Dent*. 2017 Aug; 63:72-80

**Abdulhameed N**, **Roulet J-F**, **Shen C**, **Hussein H**. A Measurement Protocol for the Marginal and Internal Fit of All-Ceramic Crowns. *EJPRD* 2017; 25: 193-200. Doi: 10.1922/EJPED\_01735Abdulhameed08

Reis AF, Vestphal M, do Amaral RC, Rodrigues RA, **Roulet JF**, Roscoe MG. Efficiency of Polymerization of Bulk-fill Composite Resins: A Systematic Review. *Brazilian Oral Res* 31: Supplement 1 (Aug

Sinhoreti MAC, Soares EF, Abuna GF, Corer-Sobrinho L, **Roulet JF**, **Geraldseli S**. [Microtensile Bond Strength of Adhesive Systems in Different Dentin Regions on a Class II Cavity Configuration](#). *Brazilian Dental Journal* 28:474-481.

**Roulet JF**, **Abdulhameed NA**, **Shen C**. In vitro Wear of Three Bulk Fill Composites and Enamel. *Stoma Edu J*. 2017;4(4):244-249

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## Published Research (Sep-Dec 2017) cont'

- Makhija SK, Shugars DA, Gilbert GH, Litaker MS, Bader JD, Schaffer R, **Gordan VV**, Rindal DB, Pihlstrom DJ, Mungia R, Meyerowitz C; National Dental Practice-Based Research Network Collaborative Group. [Surface characteristics and lesion depth and activity of suspicious occlusal carious lesions: Findings from The National Dental Practice-Based Research Network](#). J Am Dent Assoc. 2017 Dec;148(12):922-929. doi: 10.1016/j.adaj.2017.08.009. Epub 2017 Oct 18.
- Estay J, Martín J, Viera V, Valdivieso J, Bersezio C, Vildosola P, Mjor In Memoriam IA, Andrade MF, Moraes RR, Moncada G, **Gordan VV**, Fernández E. [12 Years of Repair of Amalgam and Composite Resins: A Clinical Study](#). Oper Dent. 2017 Oct 4.
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- McCracken MS, Litaker MS, George AJ, Durand S, Malekpour S, Marshall DG, Meyerowitz C, Carter L, **Gordan VV**, Gilbert GH; National Dental Practice-Based Research Network Collaborative Group. [Impression evaluation and laboratory use for single-unit crowns: Findings from The National Dental Practice-Based Research Network](#). J Am Dent Assoc. 2017 Nov;148(11):788-796
- Kopycka-Kedzierawski DT, Meyerowitz C, Litaker MS, Heft MW, Tasgaonkar N, Day MR, Porter-Williams A, **Gordan VV**, Yardic RL, Lawhorn TM, Gilbert GH; National Dental PBRN Collaborative Group. [Management of dentin hypersensitivity by practitioners in The National Dental Practice-Based Research Network](#). J Am Dent Assoc. 2017 Oct;148 (11); 788-796.
- Moncada G, Fernandez E, Mena K, Vildosola P, Estay J, de Oliveira OB, Martin J, Mjör IA, **Gordan VV**. [Long-term Performance of Refurbished Amalgam Restorations: 10-year Follow-up](#). Oral Health Prev Dent. 2017;15(5):435-44
- Huang X, Browngardt CM, Jiang M, Ahn SJ, Burne RA, **Nascimento MM**. [Diversity in Antagonistic Interactions between Commensal Oral Streptococci and Streptococcus mutans](#). Caries Res. 2017 Dec 20;52(1-2):88-101
- Romero MF, Babb CS, Brenes C, **Haddock FJ**. [A Multidisciplinary approach to the Management of A Maxillary Midline Diastema: A Clinical Report](#). J Prosthet Dent 2017 S0022-3913(17)30482-1
- Sampaio PCP, Kruly PC, Ribeiro CC, Hilgert LA, **Pereira PNR**, Scaffa PMC, Di Hipólito V, D'Alpino PHP, Garcia FCP. [Comparative bonding ability to dentin of a universal adhesive system and monomer conversion as functions of extended light curing times and storage](#). J Mech Behav Biomed Mater. 2017 Nov;75:41-49
- Roulet JF**. Globalization in Research. Stomatol Edu J 2017; 4:158.

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Esquivel-Upshaw JF, Kim MJ, Hsu SM, **Abdulhameed N**, Jenkins R, Neal D, Ren F, Clark AE. [Randomized clinical study of wear of enamel antagonists against polished monolithic zirconia crowns](#). J Dent. 2017 Oct 16. pii: S0300-5712(17)30257-9

**Roulet JF**. A Consensus-Based Approach to Evidence-Based Clinical Practice. Dental Materials 2017; 33:1067-1068 .

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**Roulet JF**. Gute Wünsche. (Good Wishes, Translate to English). Prophylaxe Impuls 21: 171

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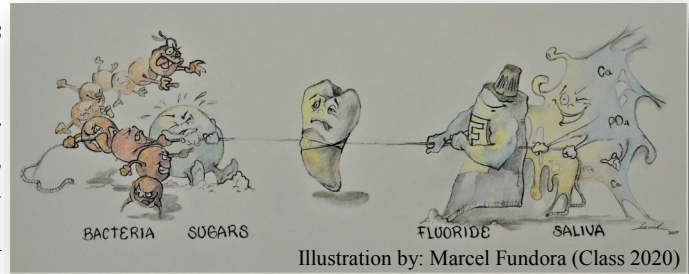
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### Faculty Updates

- **Dr. Ana Paula Ribeiro** was selected as the *Class Advisor* for the class of 2020.
- **Dr. Valeria Gordan** was invited to serve as International Reviewer in the promotion process for the Faculty of Dentistry at Kuwait University and also invited as reviewer for the American Association of Dental Research for the Practice-Based Research session/group.
- **Dr. Stephany Kailing-Terza** joins the division of operative dentistry as Adjunct Clinical Assistant Professor.
- **Dr. James Nguyen** joins the division of operative dentistry as Courtesy Clinical Professor.
- **Dr. Saulo Geraldeli** attended the 2017 Kuraray/Noritake Symposium "New CAD/CAM Material and Bonding Technologies"
- **Dr. Saulo Geraldeli** was awarded 1st Place at the SBPqO/Brazilian Division of the IADR, poster modality "*Avaliacao da uniao a dentina de sistema adesivos experimentais multi-modo contendo analogos biomimeticos e fosfatos de calcio bioativos*"
- **Dr. Jean Francois Roulet** attended the 1st Editors Meeting Prophylaxe Impuls as Editor in Chief in Herne, Germany.
- **Dr. Marcelle Nascimento** created the first UFCD "How to Avoid Dental Caries" patient brochure.
- **Dr. Alex J. Delgado** is the new Clinical Course Director for Operative Dentistry.
- **Dr. Alex J. Delgado** was appointed to the Constitution Committee of the IADR/AADR.



### A word from Dr. Delgado

Another year ended and we find ourselves planning for 2018, but also reflecting on the events of 2017. As we reflect, I wanted to thank all the faculty, students and staff associated with the division of Operative Dentistry for moving forward this division. It was a great year!

To summarize, we welcomed new faculty members, a new baby, we gathered in our 1st Spring Picnic and Summer Get Together, we started a new Masters program and a Cariology course, hosted the CODE meeting and begin many new projects. We also had few unexpected situations with some of our Operative Faculty, but with determination, faith and a positive attitude, we overcame those challenges. The most important thing that we learned from the ups and down, is that we are a big, happy diverse operative family and that we are here to support each other at any time. Our aim for 2018 is a commitment to excellence in teaching, research and service from all of us.

Finally, I once again express my most sincere appreciation to our valued students, faculty and staff members; wishing you a healthy and bright start to 2018.

Alex

## Operative Division Service

### Dr. Nimmo cares about our students

**Dr. Susan Nimmo**, who is a faculty adviser for the American Association of Women in Dentistry (AAWD) enjoy networking and socializing during the 2017 Award Dinner held in September at the Omni Amelia Island Plantation Resort in Florida. The University of Florida College of Dentistry student chapter is made up of about 80 members and Dr. Nimmo has been the pillar of this chapter in her tenure at the University of Florida, College of Dentistry. Dr. Nimmo also volunteers her spare time with students providing care to the underserved population in Gainesville, where she helps supervising students at “We Care Clinic”, “Super Sealant Saturday” and science fairs. She is an example of caring for our community.



Drs. Rosalia Rey and Susan Nimmo

### Providing CARE to our patients

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



**Dr. Alex J. Delgado**  
**Dr. Saulo Geraldeli**  
**Dr. Fernando Haddock**  
**Dr. Valeria Gordan**  
**Dr. Luisa Cassiano**  
**Dr. Susan Nimmo**  
**Dr. Patricia Pereira**  
**Dr. Jean Francois Roulet**  
**Dr. Ana P. Ribeiro**

### [Make an Appointment](#)

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