



Newsletter #1 – March 2018

<http://www.iadr.org/DMG/>

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Rick Carvalho
President

"This year we will have two opportunities to get up to speed with the most current research in dentistry worldwide"

From the board:

- ✓ Carmem Pfeifer elected VP 2018-2019
- ✓ Marco Ferrari assumes Secretary/Treasurer position
- ✓ DMG first Members-at-Large have been appointed. More on page 7.

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Message from the president, Rick Carvalho



Dear DMG Members,

Greetings. I hope you have had a great start for 2018. This year we will have two opportunities to get up to speed with the most current research in dentistry worldwide. The joint 47th Annual Meeting of the AADR and 42nd Annual Meeting of the CADR will be held from March 21-24 in Fort Lauderdale, FL, USA; and the 96th General Session of the IADR will be held jointly with the Pan European Regional Congress from July 25-28 in London UK. I would like to express my gratitude to all members of the Board whose joint efforts resulted in an outstanding program from the DMG activities for both events. Special thanks go to Dr. Yu Zhang who was the general coordinator of both meetings and diligently managed the organization of all DMG sessions for both events. We are pleased with the increased number of excellent symposia, hands-on and Lunch & Learning session proposals received by the IADR central office. I thank all the DMG members who engaged in the effort to put together the proposals for the sessions. I am sure they had a hard time to select those that were approved since there were more proposals than slots available for the sessions. If your proposal was not approved this time, please do not feel discouraged to submit it for the next meetings. The increased demand of proposals shows the strength of DMG and reflects the active interest and progress of science in our field. Please, see more of the DMG activities for the upcoming meetings further below in this NL.

I would also like to congratulate Dr. Carmem Pfeifer for her election as our new Vice-President. Carmem will take office during the IADR meeting in London. At the same meeting in London, Dr. Yu Zhang will assume the presidency and Dr. Marco Bottino will take on as the President-Elect, whose responsibilities include the organization of the DMG sessions for the 2019 joint IADR/AADR/CADR meeting to be held in Vancouver, BC, Canada. Following the new IADR Handbook guidelines, also in London, Dr. Marco Ferrari (currently our Treasurer) will assume the joint position as Secretary/Treasurer and will serve until 2019. As you have noticed, IADR central office has recently released the call for nominations for the upcoming election for the positions of Secretary/Treasurer and VP. The election will take place later this year and the elected candidates will take office during the meeting in Vancouver, 2019. I encourage you to read the IADR Handbook Guidelines to learn more about the new election process and familiarize yourself with the eligibility criteria and the new online nomination system.

As anticipated in our last NL, we have received nominations for Members-at-Large to compose the DMG Board (see below) and we are currently reviewing the nominations. Our first members-at-Large (MALs) will be appointed soon and take office during the IADR meeting in London for a 3-year term. The MALs main responsibilities will be to increase the visibility of DMG in their specific regions by promoting DMG activities, encouraging new membership and assisting the Board with suggestions to improve regional engagement with the DMG. New MALs will be appointed every year and nominations for MALs to be appointed in 2019 are open. Please, see more about MALs in this NL.

Lastly, I would like to remind you about the nominations for DMG Awards. We have received nominations for the 2018 Steven Bayne Award and the Nominations Committee is currently reviewing the applications. Nominations for the Peyton-Skinner and Ryge-Mahler awards are open for the 2019 award and I would like to encourage all members to participate in the nomination process.

We continue to want to hear from you and learn how we can improve your experience with the DMG. Get in touch; participate!

Enjoy the content and I am looking forward to seeing you in our upcoming meetings.

Scientific Program at AADR – Fort Lauderdale, FL

Overall program chair: Yu Zhang

DM1 – Paulo Cesar

[Yu Zhang, Ulrich Lohbauer, Garry Fleming, Grace De Souza]

DM2 – Carmem Pfeifer

[Ana Paula Fugolin, Christopher Felix, Isabel Lloyd, Yoav Finer]

DM3 – Jason Griggs

[William Brantley, David Berzins, Susana M. Salazar Marocho]

DM4 – Jorge Perdigao

[Viviane Hass, Rick Walter, Cynthia Yiu, Ana Sezinando, Nicola Scotti]

DM5 – Marco Bottino

[Josimeri Hebling, Sharukh Khajotia]

DM6 – William Palin

[Frederick Rueggeberg, Mary Anne Melo, Frank Pfefferkorn]

DM7 – Rade D. Paravina

[John Powers, Alessandro Vichi, Joe Ontiveros]

DM8 – Niek Opdam

[Josephine Esquivel-Upshaw, Norbert Kraemer, Max Cenci]

Thanks to our sub-group chairs and reviewers – your efforts are highly appreciated!

Lunch and learning and symposia

Lunch and Learning

- Table #2: Surface Characterization of Dental Biomaterials: Which Techniques Should I Use?
Speaker: Rodrigo Franca (University of Manitoba, Winnipeg, Canada)
- Table # 11: Wear Behavior of CAD/CAM Restorative Materials
Speaker: Marina Kaizer (New York University, USA)
- Table #13: Molecules to Meters: Material/Tissue Interface Characterization
Speaker: Paulette Spencer (University of Kansas, Lawrence, USA)

Symposia

Moving Dental Composites Beyond Methacrylate-based Resins

Organizer(s): Jeffrey Stansbury (University of Colorado, Aurora, USA)

Sponsoring Group/Network: Dental Materials Research

Bioactive Materials

Organizer(s): Carolyn Primus (Primus Consulting, Sarasota, Fla., USA)

Sponsoring Group/Network: Dental Materials Research, Pulp Biology & Regeneration Research

Scientific Program at AADR

Keynote sessions

DM1 Ceramic-based Materials

Grace De Sousa (University of Toronto, Canada)

Title: Current Understanding of Tetragonal Zirconia Phase Stability

DM2 Polymer-based Materials

Joe Oxman (Oral Care Division, 3M)

Title: Triggering Smarter, Faster, More Versatile Polymer Systems

DM3 Metal-based Materials and Other Materials

Michael Roach (University of Mississippi, USA)

Title: Titanium oxide coatings showing photocatalytic activity and enhanced osteoblast response

DM4 Adhesion-Bonding and Sealing

Dwayne Arola (University of Washington, USA)

Title: Is the Dentin Enamel Junction Important to Durability of the Bonded Interface?

DM5 Biocompatibility, Bioengineering and Biologic Effects of Materials

Nancy Lin (NIST, USA)

Title: Measuring Biofilm-Material Interactions

DM6 Instruments and Equipment

Richard Price (Dalhousie University, Canada)

Title: Light Beam Inhomogeneity from Curing Lights: Is this a problem?

DM7 Color and Appearance

So Ran Kwon (Loma Linda University, USA)

Title: Mechanism of Tooth Whitening.

DM8 Clinical Trials

Josephine Esquivel-Upshaw (University of Florida, USA)

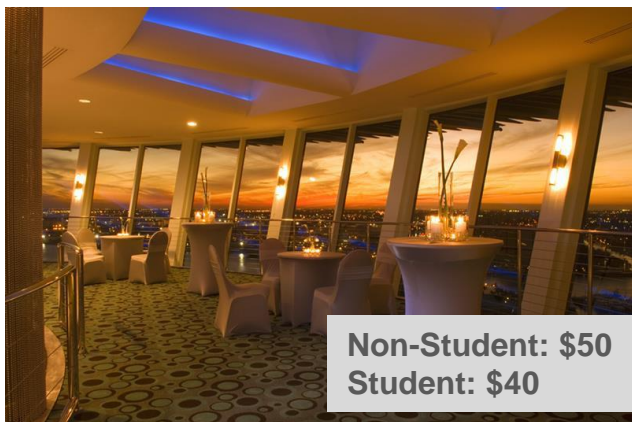
Title: Factors Affecting the Survival of Implant-Supported Ceramic-Ceramic Prostheses: A Translational Approach.

Social Reception at AADR

DMG reception – Pier 66 Hotel & Marina– Rooftop Space

March 21, 7 pm

2301 SE 17th St., Fort Lauderdale, FL 33316



Non-Student: \$50
Student: \$40



<http://www.iadr.org/AADR/Meetings/AAAM>



Awards and nominations



Peyton-Skinner Award for Innovation



Ryge-Mahler Award for Clinical Research

The Dental Materials Group (DMG) of the IADR makes two annual awards in recognition of the past contributions to Dental Materials science and research by four outstanding DMG scientists: Dr. Floyd Peyton, Dr. Eugene Skinner, Dr. Gunnar Ryge and Dr. David Mahler. The awards are made to recognize scientists who throughout their careers have made outstanding contributions to (1) innovation in dental materials (Peyton-Skinner award) and, (2) clinical research in dental materials (Ryge-Mahler award). Previous award winners are listed on the DMG home page (<http://www.iadr.org/DMG/>).

Eligibility:

Nominations for the Peyton-Skinner award for innovation and Ryge-Mahler award for clinical research can be made by anyone but MUST include the following:

1. Nominee must be a current or past member of the IADR Dental Materials Group.
2. Nominations must include a Curriculum Vitae that provides supporting evidence that the nominee has made significant contributions to innovation in dental materials (Peyton-Skinner award) or clinical research in dental materials (Ryge-Mahler award).
3. A letter of nomination should highlight the major reasons and body of research/innovation for which the individual is being nominated. Work considered for this award should have resulted in publications in scientific, peer-reviewed journals and/or patents.

Awards:

A plaque of recognition and cash award in the amount of \$2,000 will be made for each award. The cash award is intended to provide travel and other support related to attending the IADR annual meeting and receiving the award in person at the DMG business meeting or reception.

Selection:

DMG Award committee will review individuals newly nominated and those not selected during the last three successive selection periods. The award recipient will be formally announced during the business meeting of the Dental Materials Group at the IADR General Session & Exhibition and honored during the reception that follows. The committee may elect not to present an award if there is not an appropriate nominee.

Note: Past recipients of the IADR Wilmer Souder Award are not eligible, but acceptance of either of these two awards does not disqualify one for the Wilmer Souder Award.

Awards and nominations



Stephen Bayne Mid-career award

The objective of this new Mid-Career Award is to recognize IADR members who have demonstrated significant contribution to the science and application of dental materials research by their mid-career with the aim to help attract and retain younger investigators in this field of dental materials research. To remain a vital and relevant organization, it is imperative for the DMG to maintain and invigorate our pipeline of researchers engaged in all aspects of traditional dental materials as well as materials-centered studies applied to the oral/facial complex. To encourage diverse, high-quality research perspectives and initiatives, we want to be fully inclusive in this outreach to include individuals from any institution as well as from all regions of the IADR - North America, Latin America, Europe, Africa/Middle East, Asia/Pacific.

Requirements:

1. Nominee must be a current or past member of the IADR Dental Materials Group.
2. Nominee must have minimum of five years research experience beyond the granting of their PhD.
3. At least a three-year record of participation as lead author on abstracts presented at IADR or related DMG-sponsored programs.
4. Current CV along with two letters of support from established and productive DMG members as well as a brief narrative (one-page maximum) that highlights how the individual's prior research accomplishments are anticipated to transition in work going forward (specific details not necessary but a general idea of the intended research direction is requested).

Award:

The award will consist of a plaque and the provision of \$5000 which will cover the travel to an IADR meeting within that same year to accept the award and undesignated gift for the purposes of fostering continued research.

Sponsorship: The Awards are supported by the Dental Materials Group of the IADR.

Apply:

Deadline for nominations: January 27, 2019.

Please send nominations electronically to Dr. Mutlu Özcan, Chair of the Awards Committee of the DMG-IADR (mutluozcan@hotmail.com)

Members-at-Large: Call for nominations

Members-at-large (MAL) will be added to the DMG-IADR Executive Committee to broaden the representation of board members and develop a base for future officer elections

Ideally, One MAL will be appointed for each of the IADR regions

(<http://www.iadr.org/IADR/Join-Renew/Regions-Divisions-Sections>):

- (1) North American,
- (2) Latin American,
- (3) Pan European,
- (4) Africa /Middle East, and
- (5) Asia/Pacific.

A minimum of 3 MALs should be appointed. If there are no nominees from a region, the Board may suggest and appoint a member.

In addition, when possible, a student MAL will be considered as well.

Eligibility:

1. Must be a current regular IADR and DMG member. Student members can be considered at the Board discretion.
2. Must be currently active in research.

Term: MALs should be nominated by members (self or others). The board will approve and appoint MALs for a standard, single term of 3 years.

Reappointments can be considered at Board discretion.

Scope of the position:

MALs will be Board members along with officers and participate in all board meetings and official activities.

MALs will assist the Board in promoting new membership, promote communication within regions, assist GPC (group program chair) activities, and provide information for planning newsletters and annual business meetings.

Send you nominations (self or others) to Dr. Mutlu Özcan, Chair of the nomination committee (mutluozcan@hotmail.com).

Deadline for nominations: January 27th, 2019

MALS will be appointed following the IADR general elections.

Treasurer's report

The DMG finances are in good standing, and the account shows a balance of approximately \$125,744 after reconciliation, as seen in detail in the table below. We thank all members and sponsors for their support.

Fund balance as 12/31/2016		\$ 125,164
Income		
Dues	\$ 6,346.00	
Reg/Banquet Fees	\$ 8,400.00	
Sponsorships & Contributions	\$ 12,691.00	
Total Income		\$ 27,437.00
Expenditures		
Grants, Awards, & Fellowships	\$ 9,750.18	
Bank Charges	\$ 733.06	
Reception	\$16,308.73	
Others	\$61.10	
Total Expenditures		\$ 26,857.07
Current fund balance as of 12/31/17		\$ 125,743.87

Other interesting news



ADM 2018
academy of dental materials
Porto de Galinhas - Brazil
October 4 - 6

registration information

Register online at
www.admconference.com
Abstract Submission Deadline:
June 8, 2018

CONFERENCE THEME

Translational Biomaterials Research:
Ceramics, Remineralization and Adhesives

Thursday Oct 04th

07:30 – 13:00	Registration
08:00 – 08:30	Opening Ceremony
08:30 – 09:30	YU ZHANG (NEW YORK UNIVERSITY) Performance of Zirconia-Based Dental Ceramics: Challenges and Opportunities
09:30 – 10:30	SUSANNE SCHERRER (UNIVERSITY OF GENEVA) Translational Research on Clinically Failed Zirconia Implants
10:30 – 12:00	Coffee Break and Poster Session
12:00 – 13:00	JASON GRIGGS (UNIVERSITY OF MISSISSIPPI) Using Fractal Geometry to Examine Failed Implants and Prostheses

Friday Oct 05th

07:30 - 08:25	Breakfast and Learning
08:30 - 09:30	IMAD ABOUT (UNIVERSITY OF MARSEILLE) Pulp Capping Materials Modulate the Balance Between Inflammation and Regeneration
09:30 - 10:30	STEPHAN HABELITZ (UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO) Remineralization of Dentin Lesions Using PILP-Releasing Cements
10:30 - 12:00	Coffee Break and Poster Session
12:00 - 13:00	ROBERTO BRAGA (UNIVERSITY OF SÃO PAULO) Calcium Phosphates as Ion-Releasing Fillers in Restorative Composites
13:00 - 14:00	General Assembly
19:00 - 23:00	Social Dinner

Saturday Oct 06th

07:30 - 08:25	Breakfast and Learning
08:30 - 09:30	MILENA CADENARO (UNIVERSITY OF TRIESTE) The Role of Polymerization in Adhesive Dentistry
09:30 - 10:30	JOSIMERI HEBLING (SÃO PAULO STATE UNIVERSITY) Challenges to Produce and Maintain a Stable Hybrid Layer
10:30 - 12:00	Coffee Break and Poster Session
12:00 - 13:00	YOAV FINER (UNIVERSITY OF TORONTO) Biostable, Antidegradative and Antimicrobial Restorative Systems Based on Host-Biomaterials and Microbial Interactions
13:00 - 14:00	Awards Ceremony

Dental Materials Group -
International Association for
Dental Research

Dental Materials Group

Current board members



Rick Carvalho
President



Yu Zhang
President-Elect



Marco Bottino
Vice-President



Carmem Pfeifer
Secretary



Marco Ferrari
Treasurer



Sibel Antonson
Councilor



Rade Paravina
Corporate Liaison



Lorenzo Breschi
Past-President



Jeff Stansbury
Sr. Past-President

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