Dear DMG Members,

It has been less than a year since I took the DMG presidency at the IADR meeting in Cape Town.

As 2014 was a split year, my responsibility during the last two years was to organize the DMG scientific program for both the AADR Meeting in Charlotte and the IADR Meeting in Cape Town in 2014. Considering that the DMG is the largest scientific group of the IADR with 1414 members, organizing two meetings in two different continents while being situated in Europe was at least from the logistics point of view a big task and required a huge amount of dedication and meticulous organization of these meetings. Nevertheless, exclusively all invitees accepted delivering keynote lectures, holding lunch and learning sessions or reviewing abstracts that made my job much easier. I am grateful to all the colleagues who contributed to the realization of the scientific program of these two meetings. With all your help and contribution, we finally managed to offer the AADR/IADR members 13 keynote lectures, 3 symposia, 16 lunch and learning sessions and 1 hands-on-workshop in total during the AADR and IADR 2014 meetings. Particularly, the symposia on “New Perspectives of Zirconia: Implications of Metastability” and “Development of Novel Dental Polymers” were the highlights of the AADR Meeting. We received fantastic feedback and had the opportunity to have in-depth discussions. I appreciate the efforts of Isabelle Denry, Jeffrey Stansbury and Marco Cicero Bottino for the excellent organization of the symposia.

The coordination especially together with our Immediate Past-President, Ana Bedran-Russo, and our Senior Past-President, Paulo Cesar, accompanied with the continuous support of Kourtney Skinner and Leslie Zeck, from IADR Headquarters, allowed me to experience the meaning of teamwork in the real sense during the last two years.

As the IADR meeting in Boston is approaching, I am most grateful to Jeff Stansbury, our Group Program Chair, for the organization of scientific program of this large meeting where we expect 1146 Abstracts for the DMG sessions.

I would like to extend my gratitude; especially to Steve Bayne, for being a great mentor at all stages of my position, guiding immediately when we had difficulties, and of course for regularly updating the DMG website, which is an essential platform for exchanging information among IADR/DMG members.

Thank you very much for electing me as the DMG President. I will certainly continue providing my services to the IADR as a continuation of the efforts of the past presidents of DMG and contribute advancing dental materials science, hopefully for achieving better oral health globally.

I am looking forward to seeing you all in Boston.

Sincerely,

Mutlu Özcan
2014-2015 DMG President
Gavel Handover at the IADR in Cape Town, South Africa (Paulo Cesar to Mutlu Özcan)

2015 DMG-IADR Awards
New DMG Awards Committee
Two Awards are given annually by the DMG. The Ryge-Mahler Award is given for outstanding contributions in clinical research in dental materials and the Peyton-Skinner Award is given for outstanding innovations in dental materials science. Nominations for these awards are received annually (usually by January 15th) by the chair of the committee. The current 4-member committee is composed of Reinhard Hickel, John Powers, Dianne Rekow, and Jack Ferracane (chair). Please refer to the IADR Awards website for details on IADR/DMG Science Awards: (http://www.iadr.com/i4a/pages/index.cfm?pag eid=3807)

2014 IADR/DMG DISTINGUISHED SCIENTIST WILMAR SOUDER AWARD
The Wilmar Souder award is the oldest of the IADR awards and is given annually to a scientist who has contributed to the field of dental materials at a very high level throughout their career. This award is administered by the IADR as one of the IADR Distinguished Scientist Awards. Please refer to the IADR Awards website for details on IADR Awards. (http://www.iadr.com/i4a/pages/index.cfm?pag eid=3652)

2014 DMG-IADR HERAEUS KULZER TRAVEL AWARD
This award program is set to encourage young investigators to undertake research in new/innovative testing methods, establish new ideas and approaches to improve and develop dental materials. 5 awards are assigned to one person from North America, Latin America, Europe, Africa/Middle East; and the Asia/Pacific Region. Each winner receives US $2,500 for expenses to attend the IADR General Session & Exhibition. We acknowledge Heraeus Kulzer for sponsoring these awards and congratulate the winners of this year:
Jamila Almuhamadi, Novel Diopside Glass-Ceramics for Dental Applications, Institute of Dentistry, Barts and The London School of Medicine and Dentistry, Queen Mary University of London, UK.
Anas Aljabo, Effect of CaP on Monomer Conversion, Antibacterial Release and Adhesion, University College London, UK.
Jiajun Zhu, Etch-and-rinse versus Self-etch Pretreatment: the Ultra-structural Investigation on Intact Enamel, University of Hong Kong, Hong Kong Special Administrative Region of the People's Republic of China.
Olivia Osiro, Effects of Substituting Strontium for Calcium on Properties of GICs, University of Nairobi Dental Hospital, Kenya.
Taneka Taylor-Jones, Protein-modified Hydrogels Enhance Human Dental Pulp Stem Cell Attachment, University of Illinois, Chicago, USA.

Here are some moments captured from the award ceremony during the Annual Business Meeting in Cape Town:

ONLINE VOTING FOR DMG OFFICERS
The electronic election ballot for DMG officers will be sent to all members.

2015 DMG ELECTIONS
Candidate for Vice-President

Ricardo Marins Carvalho, DDS, PhD
Dr. Ricardo Marins Carvalho is Professor at the Department of Oral Biological and Medical Sciences at the University of British Columbia,
Faculty of Dentistry, Vancouver, BC, Canada. Dr. Carvalho teaches Biomaterials to graduate program. Dr. Carvalho obtained his DDS (1986) and PhD (1993) from the University of São Paulo, Brazil. He was a post-doc fellow (1993-1995) at the former Medical College of Georgia (currently Georgia Regents University) in USA. Dr. Carvalho has held faculty positions at the University of São Paulo, Departments of Operative Dentistry and Prosthodontics (1988-2011); University of Florida, Faculty of Dentistry, Department of Operative Dentistry (2009-2010); and several other visiting fellowships in Japan and USA. He also held a corporate appointment as Director of Research and Development for Bisco Inc. USA (2006-2008). Dr. Carvalho has published over 200 research articles, has 3 patents and other 5 pending applications. His research focuses on biomaterials-tooth interfaces and also on the development of innovative materials for restorative dentistry. He sits on the Editorial Board and serves as a referee for several journals in dentistry.

Candidate for Treasurer

Carmem Pfeifer, DDS, PhD

Dr. Carmem Silvia Pfeifer is Assistant Professor at the Department of Restorative Dentistry, Division of Biomaterials and Biomechanics at the Oregon Health and Sciences University, School of Dentistry, Portland, OR, USA. Dr. Pfeifer teaches Dental Materials and serves as an instructor in several Restorative Dentistry pre-clinical disciplines. She also serves as advisor to graduate theses in the School of Dentistry, Department of Pediatric Dentistry. Dr. Pfeifer obtained her DDS (2001) and PhD (2007) from the University of São Paulo, Brazil. She was a post-doc fellow (2008-2011) at the University of Colorado, Denver, in the USA. Dr. Pfeifer has published over 40 research articles and serves as the reviewer for several journals in polymer science and biomaterials. Her research focuses on the development of innovative polymeric materials for restorative dentistry, as well as on the development of analytical tools to characterize polymer properties evolution in real-time. Her research has been successfully funded by the Oregon Medical Research Foundation, National Science Foundation and National Institutes of Health.

BOSTON MEETING

Organizers and Reviewers

The Dental Materials Group received 1,146 abstracts for the upcoming meeting in Boston. This represents an increase of about 50 total abstracts compared to that submitted for the last Joint Annual Session held in Seattle in 2013 and well above the total DMG abstracts submitted in 2014 to the meetings held Charlotte and Cape Town (408 and 302, respectively). This large turnout of abstracts promises to make the Boston IADR a great meeting to attend but it also means a lot of hard work was done by our eleven Dental Materials Sub-Group Chairs: DM1 – Milena Cadenaro, DM2 – Steve Armstrong, DM3 – Alvaro Della Bona, DM4 – Denis Fasbinder, DM5 – Conrado Aparicio, DM6 – Carmem Pfeifer, DM7 – Sharukh Khajotia, DM8 – Hidekazu Takahashi, DM9 – Mark Latta, DM10 – Alex Fok, DM11 – Rade Paravina; as well as the abstract reviewers who generously worked with them: DM1 – Dwayne Arola, Alessandra Reis, DM2 – Gary Schumacher, Jeffrey Platt, DM3 – Isabelle Denry, Paulo Cesar, DM4 – Norbert Krämer, Niek Opdam, DM5 – Josette Camilleri, Michael Weir, DM6 – Scott Schricker, Antheunis Versluis, DM7 – Hui Lu, Satoshi Imazato, DM8 – Marco Bottino, Sheldon Newman, DM9 – Michael Bagby, Nicoleta Ilie, DM10 – Nancy Lin, Richard Price, DM11 – Fred Reuggeberg, Juliana da Costa.

There are four lunch & learning programs organized by Jeff Stansbury with thanks to the following presenters: Alireza Sadr, Julian Leprince, Matthias Kern and Bas Loomans. In addition, Susanne Scherrer will be conducting a meet-the-mentor luncheon session.

Also included in the program are seven keynote addresses that will be delivered by Lorenzo Breschi (DM1), Jukka Pekka Matinlinna (DM3), Hockin (Huakun) Xu (DM5), Nicoleta Ilie (DM6), Will Palin (DM7), Susanne Scherrer (DM9), and Rade Paravina (DM11).

We look forward to the symposium co-sponsored by the DMG and Microbiology/Immunology, which was organized by Nancy Lin and Gary Schumacher, as well as a second symposium co-sponsored by the DMG and the Practice-based Research Network, which was organized by Niek Opdam.

Planning the scientific program requires a tremendous amount of time. Please aid me in congratulating Jeff Stansbury; he did a great
job in the organization and planning of the DMG scientific program.

UPCOMING DMG RECEPTION

Boston

**Location:** The DMG Reception will be held at the Towne Stove & Spirits located at 900 Boylston Street, next to the Hynes Convention Center.

**Date:** Wednesday, March 11th, 2015, 6:30 p.m. to 8:30 p.m.

Towne Stove & Spirits

**Dress code:** Smart-casual

**Registration:** It is strongly encouraged to register online for the reception. Tickets may be purchased at the door based on remaining availability for planned size of reception.

**Registration fees:**
- $50 for member
- $40 for student member

For other details, please visit the DMG website: http://www.dentalresearch.org/DMG/

This event has been substantially underwritten on a continuing year-to-year basis by our loyal corporate sponsors and friends of DMG-IADR. We are indebted to the following for their recent contributions:

- Bisco, Inc.
- Blue Light Analytics Inc.
- GC America Inc.
- Heraeus Kulzer
- Ivoclar North America, Inc.
- SDI

Please direct all other questions to Jeff Stansbury (GPC Chair and Organizer), Rade Paravina (Corporate Liaison) or Mutlu Özcan (President).

PAST DMG RECEPTIONS

2014 IADR CAPE TOWN

The 2014 IADR DMG Reception was held at the Marimba Restaurant in Cape Town. We had 119 colleagues attending the event.

Participants at the DMG Reception enjoying the jazz music show and the delicious authentic African food.

The photos below show the winners of the 2014 DMG awards who were acknowledged during the event:

Recipients of the 2014 IADR DMG awards

We are indebted to our 2014 Diamond sponsors (Ivoclar North America, Inc. and GC America Inc.) and Silver sponsors (3M ESPE, BlueLight Analytics Inc., DMG Dental-Material Gesellschaft GmbH, Heraeus and SDI) and the friends of IADR/DMG for making the reception possible.

Announcements:
The Academy of Dental Materials (ADM) prepared a highly attractive program with the title of “Emerging Materials and Declining Dogmas” which will take place between October 7-10<sup>th</sup> 2015, in Maui, Hawaii. We are hoping for a large attendance from our Asian colleagues and will likely add a new student research award jointly sponsored by the ADM and the Japanese Society for Dental Materials and Devices. The 2015 meeting program has the following goals:

1- To provide a forum for the exchange of information on all aspects of dental materials
2- To enhance communication between industry, researchers and practicing dentists
3- To encourage dental materials research and its applications
4- To promote dental materials through its activities.

The President and local organizer of ADM is J. Robert Kelly: kelly@uchc.edu

The scientific program and meeting details can be found at the ADM Website: www.academydentalmaterials.org

Recently Deceased DMG Members:
More extensive biographies and memories can be obtained on the DMG home page under the section MEMORIES.

Dr. Marjorie Louise Swartz (1924-2014)
The Dental Materials community and Indiana University lost a major contributor to its science on September 21, 2014 when Marjorie L. Swartz passed away in Indianapolis. She served on the faculty of Indiana University School of Dentistry in research and teaching capacities for over 40 years. Marjorie kept the Department of Dental Materials running during the decades that Dr. Ralph Phillips was chair and was one of Dr. Phillips strongest collaborators. She wrote significant portions of the seminal textbook, The Science of Dental Materials. She was a primary grant writer and coordinated all the student and research operations for the Department. She was a graduate of Butler University and of Indiana University. Marjorie was a member of Delta-Delta-Delta sorority and a member or honorary member of a huge number of scientific and dental organizations. She was a lifelong resident of Indianapolis. Memorial contributions may be made to Indiana University School of Dentistry and/or Irvington Presbyterian Church.

Dr. Thomas Michael Valega (1937-2014)
Thomas Valega, 76, died January 28 in Warren, Minnesota. His parents, Paul and Anna Bakalar Valega were from Czechoslovakia. Tom was a musician (saxophone), a scientist (PhD in Chemistry, Rutgers University), and an avid birdwatcher. Smitten by birds as a child, he organized a bird club when he was in elementary school. He and his neighborhood friends collected records of the birds in the Tremley Point section of Linden, NJ. A long-time member of the Maryland Ornithological Society and the American Birding Association, Tom never left home without his binoculars. He was grants manager at the National Institutes of Health in Bethesda, Maryland where he worked in the artificial kidney program and later managed the dental research and the dentist-scientist program.

Memorial contributions may be made to Heidi V. Hughes, c/o Woldumar Nature Association, 5739 Old Lansing Rd., Lansing MI 48917.

Symposia ideas and offers for the AADR Session (March, 16-19, 2016) in Los Angeles, Calif., USA and IADR Session (June, 22-25, 2016) in Seoul, Republic of Korea

We need well advanced plans for symposia, keynote speakers, lunch & learning and hands-on workshop sessions immediately after the 2015 General Meeting in Boston. Please send all suggestions to our next Group Program Chair, Lorenzo Breschi (lorenzo.breschi@unibo.it).
Current DMG Officers:

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