



### ***Message from the IADR DMG President***

Dear DMG Members,

DMG was founded in 1938 and is completing 75 years of international activity in 2013. Reviewing the 71 previous presidents in nearly as many years, we have been fortunate to have such well noted professors organize and serve the DMG. A few among them are Floyd Peyton, George Paffenbarger, Eugene Skinner, Ralph Phillips and Carl Fairhurst.

Following such distinguished materials researchers is both a noteworthy challenge and honor. This is the first time that a Brazilian professor is serving as President, and I am working attentively to fulfill the expectations of the DMG Members as well as those of my esteemed Brazilian colleagues.

My work has been made possible due to the cooperative efforts of the DMG board of directors. So, I am most pleased to acknowledge and thank the officers who have worked with me throughout the past three years: Tim Watson, Sibel Antonson, Mark Latta, Jeff Platt, Satoshi Imazato, Van Thompson, Juliana da Costa, Ana Bedran-Russo, Mutlu Özcan and Petra Guess.

A very special appreciation for Steve Bayne who is the current heart and soul of this group and helped both Tim and me through the challenging organization for the scientific programs. Steve's help is vital as he keeps the institutional memory alive and is also a member of the Annual Session Committee. He is responsible for the ongoing task of keeping our

website updated. As members, please take the time to visit and review the site to stay current with your group's news.

My responsibility during the last year was to organize the DMG scientific program for both the AADR Meeting in Tampa and the IADR Meeting in Brazil. Jeff Platt and Mark Latta told me it was going to be difficult and indeed it was. Organizing two meetings within 3 months of one another and with a significant repeat population was one of the more arduous undertakings in my academic career.

I relied on the cooperative efforts of the DMG membership, so I would like to extend my appreciation to each one of you who committed your time to our group and worked as an abstract reviewer, to each professor who accepted my invitation to participate in a Lunch & Learning, and those who helped me organize the Symposia and Hands-on, especially Sibel Antonson, Rade Paravina, Jack Ferracane, Roberto Braga, Tim Watson, Saulo Geraldelli and Carlos Francci.

Considering the two meetings that we have had in 2012 (AADR and IADR), the DMG organized and supported 25 Lunch and Learnings, 06 Symposia and 04 Hands-on Workshops. I believe we did quite well and offered a very respectful view of the current Dental Materials knowledge within our membership to the attending dental community.

Right after the Brazilian meeting, we started preparing the program for the Seattle Meeting in 2013. Ana is the Group Program Chair for

our next meeting and organized it brilliantly.

I am pleased to say that for the first time the DMG has a Vice-President's Position, first held by Mutlu Özcan. She will head the organization of both the AADR and IADR meetings in 2014, in Charlotte (North Carolina in the US) and Cape Town (in South Africa), respectively.

And, I also want to recognize the support I have received from my colleagues at the Department of Biomaterials and Oral Biology from the School of Dentistry of the University of São Paulo. Their help and consideration was essential and facilitated the DMG work. I also would like to thank Allyson Barrett from University of Florida for the continuous support to my academic activities.

Thank you very much for entrusting the position of DMG President to me. I am working diligently to honor the efforts of the past presidents of this group, and to contribute to our continuous improvement of dental materials science.

Sincerely,



Paulo Cesar  
DMG President



Gavel Handover in Iguaçu Falls,  
Brazil (Tim Watson to Paulo Cesar)

## 2013 Winner of Souder Award

Congratulations go to Dr. John M. Powers as the recipient of the 2013 IADR Distinguished Scientist - Wilmer Souder Award.



Dr. John Powers

Dr. Powers has made noteworthy contributions to dental materials research, DMG, AADR, and IADR at the highest levels for almost 45 years. Dr. Powers has a superb record of scholarship (>350 refereed publications, >570 published abstracts, 30 books, 34 book chapters, >230 presentations). He has been supported by numerous corporate grants and contracts, covering the entire spectrum of dental materials topics. He is probably best known for his expertise in (1) color research, (2) mechanical properties and bonding of cements and composites, and (3) CAD-CAM fabrication techniques/science for milling materials. He has always been very active as a teacher, mentor and student advocate. He has an incredible record of guiding graduate (~170), and post-graduate (~40) students. He has been one of the most prolific authors of published chapters and books. He is internationally known as editor and contributor to 10 editions of Dental Materials: Properties and Manipulation (Powers JM, Wataha JC) and 9 editions of Craig's Restorative Dental Materials (Sakaguchi RL, Powers JM). He is the co-founder and co-owner of The Dental Advisor, considered a leader in

clinical evaluation of new dental materials.

He has one of the longest standing records of contributions to the Dental Materials Group (DMG): IADR/AADR and DMG (1968-present); DMG-IADR (President, 1983-1984; Executive Committee, 1980-present); AADR Houston Section President (1990-1991); ADEA (1968 to date); Biomaterials Section Chair, 1993-1994 (and numerous other roles); Academy of Dental Materials, Fellow (1993-2010, founding member); Society for Color and Appearance in Dentistry (SCAD, Treasurer, 2008-present, founding member); American Dental Association Council on Scientific Affairs (Consultant, 1972-present; Chair of 3 working groups). He is probably the most active reviewer of dental materials manuscripts (14 editorial boards) for dental journals in the field, reviewing well in excess of 50 manuscripts per year for many years now. Dr. John Powers has continually energized people around him. For more than 4 decades now, his influence teaching, research, and mentoring has been global in scope. He has always been quick to embrace and support everyone.

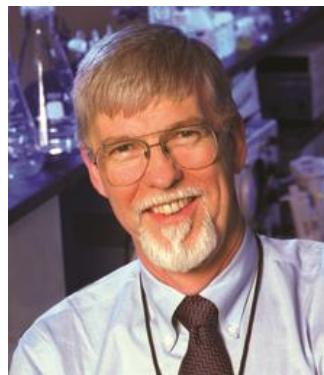
## 2012 Science Awards Winners

We would like to congratulate Van Thompson and Sumita Mitra as the winners of 2012 Ryge-Mahler Award and Peyton-Skinner Award, respectively. Van Thompson accepted his award during the IADR in Iguazu Falls in Brazil and Sumita Mitra will accept her award in Seattle.



Sumita Mitra

Dr. Sumita B. Mitra received a Ph.D. in Organic/Polymer Chemistry from the University of Michigan, USA. She joined the Corporate Research Laboratory of 3M Company in 1978 and later moved to 3M Dental Products Division (now 3M ESPE Dental) in 1983. She held the positions of increasing responsibility and in 1998 was appointed Corporate Scientist. She led the new materials/products research and development efforts at 3M ESPE until her retirement in 2010. From 1999-2010 she also served as the Industrial Director of the Minnesota Dental Research Center of Biomaterials and Biomechanics at the School of Dentistry, University of Minnesota. Currently Dr. Mitra is a Partner at Mitra Chemical Consulting LLC, an independent consulting firm which she helped to found. Dr. Mitra is the creator and inventor of many new materials technologies and the developer of several new product segments for the dental and orthodontic market including resin-modified glass ionomers, nanocomposites and adhesives which have been translated into the development and commercialization of numerous novel and innovative products for the dental practitioners. She has been the recipient of 74 US patents and their corresponding OUS equivalents, and has numerous publications (90+) in the areas of polymer science and dental materials including 9 chapters in 7 books.



Van P. Thompson

Dr. Van Thompson was first introduced to dentistry and biomaterials though an NIDCR supported PhD training program under the supervision of Larry Katz, then at Rensselaer Polytechnic Institute, he during rough scientific financial times found a position at the University of Maryland Dental School. There he was charged with starting a biomaterials research program and his first NIDCR grant was on expanding monomers with Bill Bailey of the Chemistry Department. Along the way he was convinced to embark on a dental degree which took 6 years part-time (even had to take his own dental materials course). Eventually this led to his work with Gus Livaditis on etching of multiphase metals and what become known as the Maryland Bridge (several funding review groups turned down the proposed research as not workable). Eventually he was the first and only dentist to chair the Gordon Conference on The Science of Adhesion. Later he teamed with Dianne Rekow on NIDCR funded studies investigating machining damage in dental ceramics with many institutions and manufacturers involved. During this time he headed restorative dentistry at Maryland and later became associate dean for research at UMDNJ. Continuing the ceramic investigations as Chair of Biomaterials and Biomimetics at New York University he also served as the Acting Chair of Cariology and Operative Dentistry for some years. Subsequently responding to

an NIDCR initiative he was part of the successful NYU executive team that managed over the last 7 years the PEARL Practice Based Research Network. During this time he was in charge of protocol development, design and training. Most recently he joined Dianne Rekow at King's College London Dental Institute where he is working closely with Tim Watson who is Head of the Department of Biomaterials, Biomimetics and Biophotonics. Of special importance to him is the number of enthusiastic students, post-docs and visiting scholars with whom he has been pleased to interact and mentor over the last 40 plus years.

## 2013 Science Awards Winners

Starting in 2013, the DMG Science Awards will be given annually. Therefore, we would like to also congratulate Reinhard Hickel and Joe Oxman as the winners of the 2013 Ryge-Mahler and Peyton-Skinner Awards, respectively. Both will accept their awards in Seattle.



Joe Oxman

Joe Oxman received his Ph.D. in Organic (photo) chemistry from Northwestern University in 1983. He has been employed by 3M for 29 years and is currently a Corporate Scientist with 3M ESPE. He has been a developer of many dental and non-dental technologies and materials and is considered a global expert in photocurable systems, nanotechnology, hard tissue adhesives, resin modified

glass ionomer materials, and shrinkage/shrinkage stress.

He has 80+ issued and more than 30 pending US patents, 80+ publications/abstracts in reputable technical journals and has been an invited lecturer internationally for more than 200 presentations and classes.

He has received several prestigious National and 3M Corporate Honors including: the 3M Carlton Society, Recipient of the American Chemical Society National Collaborative Research Award, and the University of Colorado College of Engineering & Applied Science Corporate Advocate Award.

He was also instrumental in co-establishing the National Science Foundation Cooperative Research Center on Fundamentals & Applications of Photopolymerization. He has also served as a coach for the Discovery 3M Young Scientist Challenge Competition from 2009-2012. He also serves as the 3M Director of Research for Minnesota Dental Research Center for Biomaterials and Biomechanics (MDRCBB) at the University of Minnesota.



Reinhard Hickel

Dr. Reinhard Hickel currently fills the position as Professor and Head of the Department for Conservative Dentistry (Restorative and Endo), Periodontology and Paediatric Dentistry at the Ludwig-Maximilians-University of Munich. He has served the educational and

dental field in numerous capacities, of which only a few of the more recent ones are listed below:

- 1996 - 2000 President of German Association for Operative Dentistry (DGZ)
- 2001 - 2005 Board member of the Academy of Dental Materials
- 2001 - 2003 President of the European Federation for Conservative Dentistry
- (Federation of national scientific societies in Europe)
- 2006 - 2008 President of German Association for Dental Education
- 2008 - 2010 President of IADR-CED (Continental European Division)
- 2010 - 2012 President of Academy of Operative Dentistry (AOD) European Section
- Since 2008 Board member of the highest council of all faculties of medicine in Germany (MFT)
- Since 2008 Honorary member of German Association for Operative Dentistry
- Since 2009 Chair of Academy for Education in University medicine and teaching (founded by all medical and dental faculties in Germany)
- Since 2010 Councillor of PER-IADR (PanEuropean Region of IADR)
- 2004 Buonocore memorial lecture
- 2012 he received in Chicago the Hollenback Award of Academy of Operative Dentistry.

Prof. Hickel, who is a member of the Editorial Board of 12 international scientific journals, has 400 publications, 6 books and 25 book chapters to his name. His main subjects of research include:

- New restorative materials (especially composite, GIC, ceramic, CAD-CAM-systems), minimally invasive dentistry;
- Toxicology and side effects of restorative materials

## New DMG Awards Committee

After discussions within the DMG board of directors, it was decided that both DMG Awards (Ryge-Mahler Award and Peyton-Skinner Award) are going to be given annually, starting in 2013. In order to make this possible, a working group was created to receive nominations from DMG members. Thanks go out to members who accepted being part of this committee: Jack Ferracane, John Powers and Jack Lemons. Please refer to the IADR Awards website for details on IADR DMG Science Awards:

(<http://www.iadr.com/i4a/pages/index.cfm?pageid=3807>)

## Reviewer Thanks (Seattle Meeting):

There were eleven Dental Materials Sub-Groups reviewing abstracts for the Seattle IADR. Thanks go out to the Chairs of those groups: DM1 – **Ricardo Carvalho**, DM2 – **Mutlu Özcan**, DM3 – **Yu Zang**, DM4 – **Evren Kilinc**, DM5 – **Dwayne Arola**, DM6 – **Jeff Stansbury**, DM7 – **Antheunis Versluis**, DM8 – **Jeff Piascik**, DM9 – **Ulrich Lohbauer**, DM10 – **Spiro Megremis**, DM11 – **Rade Paravina**.

These people could not have done their job without the work of a superb group of reviewers: **Annalisa Mazzoni**, **Toru Nikaido**, **Steve Armstrong**, **Maria Carolina Erhart**, **Paulo Cesar**, **Erica Teixeira**, **Trevor Burke**, **Linda Wang**, **Cynthia Yiu**, **Conrado Aparicio**, **Roberto Braga**, **Frederick Rueggeberg**, **Nick Silikas**, **Luis Felipe Schneider**, **Hidekazu Takashi**, **Cortino Sukojto**, **Mark Latta**, **Mirela Shinohara**, **Nancy Lin**, **Luis Sensi**, and **Juliana da Costa**.

There were seven lunch & learning programs organized by Ana Bedran-Russo **with thanks to Holger Hauptmann, Sauro Salvatore, Nancy Lin, Erica Teixeira, Marcela Carrilho, Sunita Ho, Dwayne Arola, and Hidenori Hamba**. In addition, 5 keynote addresses were provided by **Drs. Pashley, Van Meerbeek, Silikas, Lohbauer and Coelho**. We also look forward to the 2 symposia sponsored by DMG and organized by **Yu Zhang** and **Jim Drummond**.

Special thanks go to Ana Bedran-Russo for the superb work as the Group Program Chair for the Seattle Meeting.

## DMG Reception in Brazil (June/2012)

The 2012 DMG reception was held at the Bourbon Hotel in Iguaçu Falls, Brazil. The pictures below reflect the atmosphere of the event, with the presence of Brazilian samba dancers. Thanks go to our past and current sponsors for the DMG reception events: GC, 3MESPE, Ivoclar, Tokuyama and Septodont.



Tim Watson, DMG Immediate Past President, learning samba steps during the reception in Iguaçu Falls.



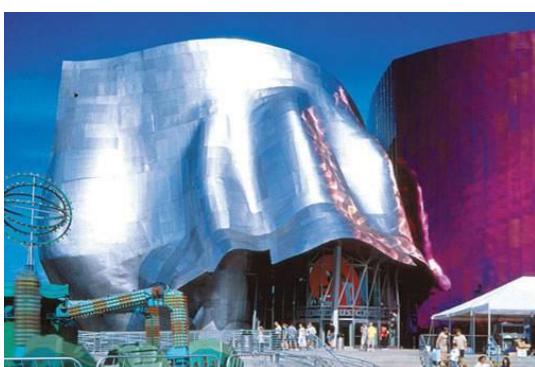
DMG Reception in Iguazu Falls.

### **DMG Reception in Seattle (March/2013)**

The DMG Reception will be held in the Experience Music Project (EMP, [www.empmuseum.org](http://www.empmuseum.org)) in Seattle.

Date: Wednesday (March 20th, 2012) 7:15 to 9:15 pm, Smart-Casual Dress.

EMP is a leading-edge, nonprofit museum, dedicated to the ideas and risk-taking that fuel contemporary popular culture. With its roots in rock 'n' roll, EMP serves as a gateway museum, reaching multigenerational audiences through its collections, exhibitions, and educational programs, using interactive technologies to engage and empower visitors. At EMP, artists, audiences and ideas converge, bringing understanding, interpretation, and scholarship to the popular culture of our time.



Experience Music Project in Seattle.

EMP is located at 325 5th Avenue N. at Seattle Center and is most easily accessible by the historic Seattle Center Monorail, built in 1962 for the Seattle World's Fair. Taxi fares are approximately \$10 each way. A pay to park lot is also available on the north end of the building. The Seattle Center Monorail connects Westlake Center (located 2.5 blocks from the Convention Center, downtown at 5th and Pine), to the Seattle Center terminal adjacent to EMP. Visit the Seattle Monorail website for detailed information on schedules and rates ([www.seattlemonorail.com/](http://www.seattlemonorail.com/)).

**Registration:** Register online for the reception using the IADR Meeting Registration for the 2013 Annual Meeting (limited to the first 400 registrations). Tickets may be purchased at the door based on remaining availability for planned size of reception. Heavy hors d'ourves, beer, wine, and soft drinks will be served.

**Registration fees:**

\$50 per person  
\$40 for IADR student registrants

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 most recently for contributions from:

- 3M-ESPE
- Bisco, Inc.
- BlueLight Analytics Inc.
- DMG Dental-Material Gesellschaft mbH
- GC America Inc.
- Heraeus
- Ivoclar Vivadent
- SDI
- Whip Mix Corporation

Direct all other questions to:

- Ana Bedran-Russo (GPC Chair and Organizer: [bedran@uic.edu](mailto:bedran@uic.edu)) or
- Paulo Cesar (President: [paulofc@usp.br](mailto:paulofc@usp.br)).

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

### **Voting for DMG Vice President and Secretary, and nomination of Corporate Liaisons Officer**

The electronic election ballot for DMG officers was recently sent to all members and we currently have nominations for Vice President and Secretary positions. Also, Rade Paravina was appointed as the Corporate Liaisons person to help us keep our good relationship with the sponsors.

### **Nomination for Vice President Candidate**

Following his undergraduate degree in chemistry, Jeff Stansbury began working in the Dental and Medical Materials Group at NBS/NIST. While continuing there, he received his PhD in organic chemistry with a focus in polymer chemistry from the University of Maryland in 1988. Dr. Stansbury moved to the University of Colorado, School of Dental Medicine in 2000 where he is now Professor and Vice-Chair in the Department of Craniofacial Biology as well as Associate Dean for Research. He also holds a joint appointment and maintains a research group in the Department of Chemical and Biological Engineering at the University of Colorado Boulder. Dr. Stansbury has served as president and councillor for both the Washington, DC and Colorado chapters of the AADR and has regularly served as a sub-group program chair for the Dental Materials Group of the AADR/IADR. He was the recipient of the DMG's Wilmer Souder Distinguished Scientist Award in 2009. He has over 100 refereed publications and over 150 AADR/IADR abstracts reflecting broad interests in photopolymerization, materials science and engineering, as well as dental materials.

### **Nomination for Secretary Candidate**

Dr. Lorenzo Breschi received his DDS degree cum laude in 1994 and PhD in Human Morphological and Molecular Sciences in 1998 at the University of Bologna (Italy). He is now Professor at the University of Trieste (Italy) at the Unit of Dental Sciences and Biomaterials, Department of Medical Sciences. Dr. Lorenzo Breschi is President of the Academy of Dental Materials, Vice-President of the Italian Academy of Conservative Dentistry, Associate Editor of the Journal of Adhesive Dentistry, Representative of the University in the Italian Delegation ISO/TC106 Dentistry. Member of the editorial board of 15 different peer reviewed national and international journals, Dr. Breschi is actively involved in research on the ultrastructural aspects of enamel and dentin and their interactions with dentin bonding systems. Dr Breschi has published more than 150 papers on peer-reviewed journals on different aspects of adhesion and restorative materials.

### **IADR Releases Summary of Dental Materials Innovation Workshop**

On December 10-11, 2012, the International Association for Dental Research (IADR), King's College London and FDI sponsored the Dental Materials Innovation Workshop held on the campus of King's College London. The goals of the workshop were to identify performance gaps in our current armamentarium of dental restorative materials, identify promising areas of dental materials research, and to develop a prioritized agenda and global action plan in dental materials research to address individual and population-level health with environmental compatibility and economic feasibility.

The workshop included scientists from dental materials in academia and industry, as well as scientists from the broader materials science community. While the proceedings of the workshop will appear in a scientific peer-reviewed journal later in the year, the summary provided an overview of the workshop for delegations attending the UNEP (United Nations Environment Programme) - INC5 negotiations held in Geneva, Switzerland from January 13-19, 2013. In this meeting, negotiations were completed on an agreement for a global legally-binding treaty on mercury. The agreement contains provisions for the reduction of dental amalgam including increased dental research into alternatives. Please read the following summary for more information about the outcome of the Dental Materials Innovation Workshop:

[http://www.iadr.org/files/public/13\\_DMIW\\_Summary.pdf](http://www.iadr.org/files/public/13_DMIW_Summary.pdf)

The Minamata Convention on Mercury – named after the city in Japan where serious health damage occurred after industrial release of mercury into the environment aims to reduce mercury emissions and releases to the air, water and land. For more information on this convention please refer to:

[http://www.iadr.org/files/public/13\\_UNEP\\_MinamataConvention.pdf](http://www.iadr.org/files/public/13_UNEP_MinamataConvention.pdf)

Questions regarding this subject may be directed to the IADR Marketing and Communications Manager Ingrid Thomas at: [ithomas@iadr.org](mailto:ithomas@iadr.org).

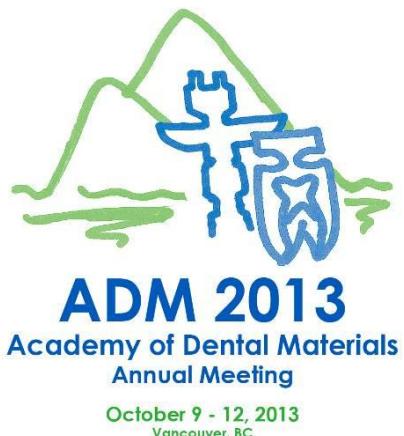
### **SCDP/IADR, DMG and ADM joint Symposium**

The seminar entitled "Relevancy of In Vitro Testing in Predicting Clinical Behavior" will be held during the IADR in Seattle and was organized by the American Dental

Association Standards Committee on Dental Products, the IADR Dental Materials Group, and the Academy of Dental Materials. (Seattle Convention Center, Wednesday, March 20<sup>th</sup>, Room 201 from 1 p.m. - 4 p.m.). Abstracts were selected from the following presentations to the ADM Annual Meeting in 2011 and 2012:

- 1) The Slippery Slope: Critical Perspectives on In Vitro Research Methodologies. J. Robert Kelly.
- 2) What clinical behavior of resin-based composites can we predict from laboratory testing? Jack L. Ferracane.
- 3) Relationship between bond-strength tests and clinical outcomes. Bart Van Meerbeek.

### **2013 Annual Meeting of the Academy of Dental Materials in Vancouver (October 9-12<sup>th</sup>, 2013, Vancouver, Canada)**



The Academy of Dental Materials has once again prepared a highly attractive program for researchers and practitioners alike. As it is becoming evident over the years, there is an increasing interest in topics related to translational research and how dental materials interact with the oral environment. The 2013 meeting program reflects this interest, and topics include:

1. The impact of oral environment on dental materials and dental structure,
2. The impact of dental materials and procedures on the oral environment and dental structure,
3. Strategies to maintain and repair adhesive joints.

The local organizer is Ricardo Carvalho:

[rickmc@dentistry.ubc.ca](mailto:rickmc@dentistry.ubc.ca)

The scientific program and meeting details can be found at the ADM Website:

[www.academydentalmaterials.org](http://www.academydentalmaterials.org)

### **Symposia ideas and offers for the AADR Session in Charlotte, North Carolina, 19-22<sup>nd</sup> March 2014**

It may seem along time off, but we need to have our plans well advanced for symposia, lunch & learning and hands-on sessions immediately after the 2013 General Meeting in Seattle. Please send all suggestions to our next Group Program Chair, Mutlu Özcan ([mutluozcan@hotmail.com](mailto:mutluozcan@hotmail.com)). Do not forget to also send suggestions of Keynote Speakers and be sure to give your email address so that we can follow up any ideas with you.

### **IADR-AADR Annual Session Committee (ASC)**

For the very first time, the IADR/AADR Boards created a special committee made up of members to assume the extensive list of responsibilities for organizing the Annual Session for the upcoming 2013 Seattle IADR/AADR/CADR meeting. This process will most likely continue in the future because it unburdens that IADR and AADR Boards to work on other key things like strategic planning. DMG members were a substantial part (4-of-10) of that committee: AADR-ASC ("Jack

Ferracane," Mark Herzberg, Paul Krebsbach, Marian Young, Russ Taichman [Chair]) and IADR-ASC ("Alvaro Della Bona," "Gottfried Schmalz," Angus Walls, Keichi Ohya, "Steve Bayne" [Chair]). This group managed planning for the (a) distinguished speakers, (b) meeting themes, (c) late-breaking abstracts, (d) symposia and hands-on-workshop review, (e) GPC abstract rejection review, and (f) session tagging, working with the Central Office.

### **Recently Deceased DMG Members:**



**Dr. Kamal Asgar**

<http://www.dent.umich.edu/news/2012/july/dr-kamal-asgar-1922-2012>

Ann Arbor, MI — July 17, 2012 — Dr. Kamal Asgar, a member of the research and teaching faculty at the University of Michigan School of Dentistry for nearly 30 years, died July 8 at his home in New Jersey. He was 89.

After earning a bachelor's degree in chemistry in 1945 from a college in Tehran, Iran, Dr. Asgar emigrated to the U.S. the following year. Originally, he intended to stay for only a year, during which time he hoped to learn skills that would help him run his father's paint company in Iran. But as he said later, "That year never ended! Dr. Asgar earned three degrees from the University of Michigan – a master's degree in chemistry in 1948, a bachelor's degree in chemical engineering in 1951, and

a PhD in combined metallurgy and dental materials in 1959.

His career at the School of Dentistry began in 1949, when he was hired as a research assistant by Dr. Floyd Peyton, who chaired the Department of Dental Materials. During his research and teaching career, Dr. Asgar's research resulted in a number of major contributions to dentistry including developing: the first spherical high copper alloy, a new casting technique for more accurate casting of dental restorations, a different way of measuring the bond strength of porcelain fused to metal, and a new partial denture alloy.

He also received the Wilmer Souder Award in 1970 from the Dental Materials Group of International Association for Dental Research Ann Arbor, MI. In addition to his teaching, Dr. Asgar was a lifelong contributor to AADR-IADR meetings and probably held the longest continuous attendance record of any member at 54 years.

After retiring from teaching in 1988, Dr. Asgar remained active and made numerous contributions to the Iranian-American academic community through the Kamal Asgar Research Center, an independent non-profit organization that collaborated with university and research organizations worldwide.

A small private family service was held for Asgar in New Jersey. The School of Dentistry has created the Kamal Asgar Dental Materials Fund to honor his teaching and research at U-M. Donations to the fund can be sent to the Office of Development, 540 E. Liberty St., Suite 204, Ann Arbor, MI 48109-2210



**Dr. Gerald Charbeneau**

<http://www.dent.umich.edu/news/2012/july/dr-gerald-charbeneau-1925-2012>

Ann Arbor, MI — July 3, 2012 — Dr. Gerald Charbeneau, who chaired the School of Dentistry's Department of Operative Dentistry from 1969 to 1986, died July 2. He was 86 years old.

Dr. Charbeneau earned his dental degree from the U-M School of Dentistry in 1948 and received a master's degree in pediatric dentistry in 1949. He served in the U.S. Air Force during the Korean War from 1952 to 1954. During his nearly four decade teaching career at the School of Dentistry, Dr. Charbeneau developed standards and criteria for evaluating dental materials and procedures, particularly in regard to pit and fissure sealants, dental amalgam, and a variety of other restorative materials. He was senior author and edited a widely used textbook, *Principles and Practice of Operative Dentistry*, and also was a contributor to the first six editions of *Restorative Dental Materials*.

In 1989, Dr. Charbeneau was awarded the Hollenbeck Memorial Prize by the Academy of Operative Dentistry for his substantial contributions to the advancement of restorative dentistry. He received the very first Ryge-Mahler Clinical Research Award presented by the DMG-AADR in 1992.

He was vice chair of the ADA's Council on Dental Materials,

Instruments, and Equipment (1977-1980) and served as vice chair of the American National Standards Institute Committee (1982-1987).

**Current Officers – DMG:**

**PAULO CESAR**, President,  
University of São Paulo,  
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**ANA BEDRAN-RUSSO**, President-Elect, University of Illinois at Chicago, [bedran@uic.edu](mailto:bedran@uic.edu)

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**JULIANA DA COSTA**, Treasurer,  
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**SIBEL ANTONSON**, Councilor,  
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**MARK LATTA**, Past-President, Creighton University,  
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**JEFFREY PLATT**, Senior Past-President, Indiana University,  
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