



Cariology Group
International Association for Dental Research
April, 2013, Newsletter

Message from the President

Dear Cariology Research Group members,

It is with great honor that I start my tenure as the new President of the Cariology Research Group. I would like to take this opportunity to emphasize my commitment to continue promoting research in Cariology and Dental Erosion and also to increase networking opportunities to our members. We have already started working on immediate actions, which involve the creation of the group's website and setting up a Facebook account, where we will be regularly posting relevant information and/or news. Successful use of these tools is dependent on your participation, therefore I encourage you to visit them and also provide us with constructive feedback. More details can be found in Frank Lippert's report in this newsletter.

We had a very successful meeting in Seattle and I would like to thank all of those that contributed to this, specially our group program chair (Ben Amaechi), my colleague officers, abstract reviewers, session chairs and sponsors. I personally attended to most of the events promoted by our group, including oral sessions and posters, and couldn't help noticing that they were extremely well attended and had some vivid discussions. This clearly shows the continue interest in Cariology and Dental Erosion research. During our business meeting, the Basil Bibby Award for Excellence in Research was given to Dr. Ana Carolina Magalhães. We also had the pleasure to give the Lion Award to Dr. Melissa T. Kato. Congratulations to Carol and Melissa for these great achievements in their young, but already outstanding, research careers! If you have not had the chance to attend our business meeting, please review the meeting minutes included in this newsletter.

We will be soon starting the preparation for next year's meeting in Cape Town, South Africa. We are making efforts and hoping to have our Cariology Research Group Travel Award in place for this meeting. This award is the result of the group's effort to provide support for well qualified researchers, whose institutions are located in low

or middle income countries, so that they could attend our annual IADR meeting and present their work. More information on the application process will be available soon. I encourage our members to submit suggestions and ideas for the upcoming meeting, especially topics that you would like to see addressed in symposia or lunch and learn sessions. For more details contact Angeles Martinez-Mier, who has joined our group of officers as the responsible for the organization of these events.

In closing, I wish you all a very productive summer/winter, and until the next newsletter later this year!

Anderson Hara

President
IADR Cariology Research Group

Message from the Secretary

Dear Colleagues,

I hope those of you who attended IADR 2013 in Seattle enjoyed not only the conference but also the city & surrounding area.

Quite a few things have happened since our last newsletter which I will briefly summarize:

1. Our Group now has a website: <http://iadcariologygroup.org/>

There you will find all the information about our group, the current officers, awards, newsletters and links to other organizations, journals etc. Please have a look and let us know what you think. There is always room for improvement and if there is anything you would like to be presented, please do not hesitate to contact us (messages sent using the "Contact Us" form will be replied to – promised!).

I have two "requests" for our members:

a) We can post job openings for you on our website & for free. If you have an opening in your department and would like to post it on our website, please send me the file and I will upload it. We already have one opening on our website as you can see (http://iadcariologygroup.org/Job_Openings.html).

b) I would like to encourage every member to send me details about any professional awards you have won. We will have a separate section in addition to the awards section where we will present those. We would like to showcase your excellence!

2. We made several changes to our Constitution & Bylaws which you, our members, approved. I would like to thank you for your participation and approval. Our Constitution & Bylaws can now be downloaded from our website for easier access to everyone:

http://iadcariologygroup.org/uploads/Cariology_Group_Constitution_and_Bylaws_2013_final.docx

The most important changes are:

a) Executive Officer positions now carry more weight & functionality (underlined functions are new):

Immediate Past-President; also First Group Program Chair

President; also Councilor (voting member) and Second Group Program Chair

President-Elect; also Councilor (observing member) and Secondary Symposium/Lunch & Learn Organizer

Secretary/Treasurer

Group Program Chairs (positions are filled by Immediate Past-President and President-Elect)

Councilors (positions are filled by President and President-Elect)

Symposium/Lunch & Learn Organizers (two positions; secondary position filled by President-Elect)

b) Our Travel Award was approved by you, our members, and eligible researchers will be able to apply come IADR 2014. We have also received verbal commitment from GABA to sponsor this award. You will find details about this award in the Constitution & Bylaws and soon on our & the IADR website.

3. Our Group now has also a presence on Facebook: <https://www.facebook.com/ladrCariologyGroup>
This is still 'work in progress', but please feel free to "Like Us" in the meantime. This way you will have a chance to interact with other members of our Group who do not typically attend AADR/IADR conferences.

At the end of this newsletter, you will find contact information for the (newly elected) officers of the Cariology Research Group. If you have any announcements or information that you would like to share with other Group members, I encourage you to send them to me (flippert@iu.edu) to be published in the next newsletter and/or on our website.

Finally, I wish you all a safe and productive remainder of 2013.

Frank Lippert

Secretary/Treasurer
IADR Cariology Research Group

In Memoriam – Jim Wefel



Fig. 1. James (Jim) S. Wefel.

Last year the cariology field lost one of its greatest contributors in the last 40 years, Dr. James Wefel. Jim spent his career at the University of Iowa (UI) College of Dentistry, and although he held many administrative positions during his successful tenure at UI, he was probably best known to all of us as director of the Office for clinical research and head of the division of cariology (since 1990) and the director of the Dows Institute (since 1993). During his 40 years at UI he received grants from the National Institutes of Health, industry and foundations. Most of his research focused on a wide variety of aspects related to cariology: kinetics and mechanisms of fluoride, development of an intraoral crown model to study hard tissue changes, uses of polarized light microscopy to study hard tissue changes, and caries detection and assessment, just to name a few. For his outstanding contributions to dentistry he received numerous awards in his career, including the Regent's Award for Faculty Excellence (2000), and prestigious International Association for Dental Research awards in 1997 and 2010.

However, for the very many of us who had the privilege to have Jim serve as mentor and friend, Jim was the perfect role model – an outstanding scientist full of ideas, always questioning and strategizing, a true gentleman at all times, always facing life with a smile and a positive attitude, a fabulous leader, with an open door to anyone who would need his help, a true mentor, always having your best interest at heart and always there to help you face challenges and celebrate triumphs associated with academic life and life-work balance; a true friend. Over the years, he mentored more than 80 MS and PhD candidates.

Jim will always live in the memories of those who had the fortune to meet him, in the minds of those who learned from his legacy, and in the hearts of those of us who knew him and had the privilege to call him a friend.

Minutes of the 2013 IADR Cariology Research Group Business Meeting

Thu (Mar21), 5.30-7:00pm
Conference Center, Room 610
Seattle, USA

A. Call to Order (Dr. Lippert)

The meeting was called to order at 5:30 p.m. by Secretary/Treasurer Frank Lippert, who chaired the meeting. Ben Amaechi (Group Program Chair), Stefania Martignon (President) and Anderson Hara (President-Elect) completed the team of officers present. Carlos Gonzalez-Cabezas (Symposium/Lunch & Learn Organizer) could not attend but sent his report. A total of 42 members were in attendance (based on sign-up sheet). Minutes of the 2012 IADR CRG Business Meeting in Iguassu, Brazil, previously distributed electronically (group's newsletter) to members, were unanimously approved.

B. New President's Speech (Dr. Hara)

Dear members,

I would like to thank you for electing me as the president of the group. It has been a great honor to serve as an officer of the Cariology group for the past 4 years. I started as secretary-treasurer in 2009, served for 3 years in that position, 1 year as president-elect and now I'm excited to start serving as the group's president.

Due to my previous experience, I'm very familiar with the missions as well as the duties of the group. I'll work hard to continue executing them well as we have done, and I count with the help of my colleague officers and with the participation of the group members.

The group will continue promoting research in Cariology and Dental Erosion, by organizing meetings with high scientific quality and promoting research networking. I recognize that there have been some concerns with the overall quality of the studies, as discussed in previous business meetings, and we will attack that by encouraging the development of young investigators and of new research groups in Cariology and Dental Erosion. This action is in line with the priorities set by the IADR.

There has also been an effort by the IADR and the group to increase the quantity of members and studies. We will support that, but my main effort will be towards the quality. We reached a peak last year with a total of 900+ members for the Brazilian meeting. We expect this number to decrease back to the ~600 members, which is already a considerable number. So, we will continue encouraging people to join our group, but my emphasis will be on how to improve the quality of the science and service.

In order to do that, we have taken few actions already. I believe that the implementation of the CRG Travel Award to researchers from mid and low income countries will help. As you know, the idea is to support good research and researchers with the high costs involved with the participation on the IADR meeting. This is an effort that has initiated with Ben, when he was the president, and I'm glad we now have the resources to make it happen possibly for the next meeting. We plan to sustain this award with the help of sponsors, but if needed, resources of the group may be allocated for this.

Another action is the development of the CRG website. We have an initial version online already, and we plan to further develop it. The idea is to go beyond the face-to-face networking of the annual meetings. We want to have a place where the members can go to find information about Cariology and Dental Erosion research and also possible collaborations. Use of social media may also be considered, following the trend set by the IADR and AADR.

I also would like to revisit the directions of the Cariology group moving forward, identifying the research areas that may need more emphasis for the study of Dental Caries and Erosion. Therefore, input from funding agencies,

regulatory agencies, industry and, more importantly, from our senior members is necessary and essential, as we try to stimulate younger researchers to do research in our area.

Finally, I would like to mention that the group has been successful over the years in finding sponsors for most of the activities. So, we have a good reserve to support the activities mentioned and other. Therefore, I encourage the members to share their ideas that may improve the research quality and the function of our group. I'll definitely put some effort to make it happen.

Thank you,
Anderson.

C. IADR Councilor's Report (Dr. Martignon)

The IADR Council Meeting was held on March 20th. Highlights of the Meeting were presented to the Cariology Research Group members, as follows:

1. By year 2012 the number of members was of 12.793, being the highest overall, with much of the growth in Latin America.
2. The new IADR formed Scientific Networks are the Clinical and Translational Science and the Global Oral Health Inequalities Research; and the new Scientific Group is Pediatric Oral Health Research.
3. The IADR Board organized a new Student Research and Training (STAR) Network approved at the Council Meeting. It is designed to engage students, trainees and fellows as life-long members.
4. IADR/AADR published in 2012 a clinical supplement to the JDR to publish the highest quality research articles on clinical and translational research. Due to its success IADR/AADR will publish two special supplements in 2013.
5. The Global Oral Health Inequalities Research (GOHIRA), having the objective of reducing OHI in global oral health had a JDR editorial Call to Action recently published and distributed during the IADR 2013 Meeting.
6. In 2012, IADR and FDI participated in the United Nations Environmental Program Intergovernmental Negotiating Committee (UNEP INC) to develop a global legally binding instrument on mercury, presenting the WHO Oral Health Program and dental research. Support was given to the FDI Global Caries Initiative (Professors Nigel Pitts & John Clarkson) with the Development of a Caries Classification & Management Matrix with a preventive approach.
7. The Iguazu's Meeting was the first one in Latin America, with 4518 participants from 67 countries and 3227 scientific presentations.
8. Next Meetings will be:
 - a. 2014 Cape Town, SA
 - b. 2015 Boston, MA
 - c. 2016 Seoul, South Korea
 - d. 2017 San Francisco, CA
 - e. 2018 London, UK.

D. IADR Group Program Chair's Report (Dr. Amaechi)

The Group Program Chair's Report was sent to members in the Summer CRG Newsletter (August 2012). The members were asked for questions or need of discussion. Report was approved.

IADR 2013

Abstract information (in parenthesis are the previous year IADR numbers)

<i>Topics</i>	<i># Abstracts</i>	<i>Rejected</i>	<i>Accepted as orals</i>	<i>Accepted as posters</i>
Clinical and Epidemiological Studies	63 (73)	1 (7)	12 (16)	50 (50)
Demin/Remineralization:	69 (52)	2 (1)	18 (11)	49 (40)
Detection, Risk Assessment and Others	43 (36)	3 (1)	12 (6)	28 (29)

Erosion	36 (55)	0 (3)	6 (4)	30 (48)
Fluoride and Ca-based Products	34 (34)	1 (3)	6 (6)	27 (25)
Microbiological Studies / Biofilm	70 (62)	4 (1)	16 (12)	50 (49)
			(had to open space for second Keynote)	
Totals	315 (312)	11 (3.5%) (16)	70 (55)	234 (241)

Review Structure

Overall GPC: Bennett T. Amaechi

Abstract Subsection	GPC	Reviewers*
Demineralization/Remineralization	Frank Lippert	Paul Anderson
		Masatoshi Ando
Dental Erosion	Anderson Hara	Stephen Mason
		Christopher Okunseri
Fluoride and Calcium-based products	Nathan Cochrane	David Manton
		Angeles Martínez-Mier
Caries detection, Risk assessment & Others	Stefania Martignon	Christopher Longbottom
		Stephen Abrams
Microbiological studies/Biofilm	Livia Tenuta	Richard Lynch
		Cynthia Tabchoury
Clinical and Epidemiological studies	Hendrik Meyer-Lückel	Sebastian Paris
		Janja Jan

*Each reviewer only had 1 topic to review

Keynote Speaker

Friday March 22, 2013: Dr. Svante Twetman

Title: "Antimicrobials in Caries Prevention and Control"

The keynote lecture was on Friday because we try to avoid having any other cariology or caries related session during our keynote session.

E. Symposium/Lunch & Learn Report (Dr. Gonzalez-Cabezas)

Report was presented by Dr. Amaechi due to absence of Dr. Gonzalez-Cabezas.

We supported the submission of the following:

5 symposia

4 Lunch & Learning

1 Hands-on-Workshop (HOW)

3 symposia were accepted

3 L&L were accepted

1 HOW was accepted

The following are the accepted programs:

SYMPOSIA

Title: Bifidobacteria and dental caries: pathogens and probiotics.

Organizers: A. Tanner, N. Chalmers, D. Beighton, S. Twetman

Title: The 'buzzing/bustling' world of oral biofilms

Organizers: M. Peters, M. Anderson

Title: Innovation in Direct Restorative Materials

Organizers: E.D. Rekow, V.P. Thompson

LUNCH & LEARNING

Title: Role of Dentifrices in Caries Prevention and Remineralization.

Organizer: J. Hicks

Title: Applications of Genomics, Metagenomics, and Proteomics in Personalized Dentistry".

Organizer: E. Morou

Title: Caries infiltration clinically: Does it work? When is it indicated?

Organizer: H. Meyer-Lückel

HANDS-ON WORKSHOP

Title: Modern caries diagnostics and documentation

Organizers: C. Gonzalez-Cabezas, S. Paris, H. Meyer-Lückel

F. Secretary/Treasurer's Report (Dr. Lippert)

1. The membership report was presented, comparing the number of current members with the last 2 years, as well as the distribution of members according to the type of membership and countries. Numbers are shown in the tables below.

Mar 21 st , 2013	AADR	IADR	Total
Life Members	3	5	8
Members	107	239	346
Student Members	74	169	243
Total	184	413	597

Jun 21 st , 2012	AADR	IADR	Total
Life Members	2	5	7
Members	121	287	408
Student Members	62	299	361
Total	185	591	776

Mar 17 th , 2011	AADR	IADR	Total
Life Members	2	3	5
Members	128	230	358
Student Members	71	170	241
Total	201	403	604

2. The financial report was also presented, mentioning that the group continues financially sound. The amount of money in the group's bank account was shown (see below). The amount of money donated by sponsors to cover the expenses of the IADR 2013 meeting was as follows:

- Basil Bibby Award US\$ 2,500.00, donated by Unilever (to be received as of May 08, 2013)

- CRG reception US\$ 1,000.00, donated by Colgate-Palmolive (to be received as of May 08, 2013 for both 2012 & 2013 receptions)

Accounts (as of Apr 19, 2013)	Balance (US Dollars)
Checking	13,130.49
Savings	40,174.53
Total	53,305.02

G. Presentation of Basil G. Bibby Award (Dr. Martignon)

The Basil G. Bibby Award recipient of this year was Ana Carolina Magalhães from University of São Paulo, Bauru, SP, Brazil. Congratulations to her for her outstanding achievements! Special thanks to Unilever for sponsoring this Award.



Fig 2. Basil Bibby Award 2013 recipient Ana Carolina Magalhães (middle) with Stefania Martignon (President, left) and Monica Carlile (Unilever representative, right).

H. Recognition of Past President (Dr. Martignon)

Livia Tenuta, the immediate Past-President, was honored with a plaque for her long-term excellent service for the group.



Fig 3. Livia Tenuta (Past-President) and Stefania Martignon (President).

I. Presentation of Lion Award (Dr. Martignon)

The Lion Award recipient of this year was Melissa Thiemi Kato from University of São Paulo, Bauru, SP, Brazil. Congratulations to her for her outstanding achievements! Special thanks to Unilever for sponsoring this Award.



Fig 4. Lion Award 2013 recipient Melissa Thiemi Kato and Stefania Martignon (President).

J. Group Elections/Voting on Changes to Constitution & Bylaws

The results of the elections performed in Jan-Mar of 2013 were presented to the members during our Business Meeting. Ballotbin.com was used for the electronic voting.

The following elections/votes took place:

a) President-Elect

Our new President-Elect is Carlos González-Cabezas.

b) Symposium/Lunch & Learn Organizer

Our new Symposium/Lunch & Learn Organizer is Esperanza Angeles Martinez Mier.

c) Change of Constitution & Bylaws

CRG Travel Award

Our members approved both changes to the Constitution & Bylaws and the new CRG Travel Award.

The Executive Officers would like to thank those who put their name forward for the Group positions and our members who participated in the elections.

K. New/Current Officers

With the results of the elections, the current officers of the CRG group are as follow:

IADR Cariology Research Group - 2013-2014 Officers

President/First Group Program Chair

Anderson T. Hara

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Indiana University School of Dentistry

Oral Health Research Institute

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President-Elect/Secondary Symposium/Lunch & Learn Organizer

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Immediate Past-President/First Group Program Chair

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Councilors to the IADR/AADR meeting
Anderson Hara (see above)
Carlos González-Cabezas (see above)