

Prosthodontics Group International Association for Dental Research Newsletter

February 2005

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IADR – Baltimore 2005

March 9-12 2005
Baltimore Convention Center

Arthur R Frechette Research Award Competition
<http://iadr.com/awards/frechette.html>

Wednesday 9 March 2005
2.00 pm – 4.00 pm
Baltimore Convention Centre, Room 332
(winner announced at the business meeting)

Prosthodontics Group Business Meeting
Friday 11th March 2005
5.15 pm – 6 pm
Baltimore Convention Centre, Room 332

Implantology and Prosthodontics Group Reception
Thursday 10th March 2005 6 pm
Baltimore Convention Centre, Room 301

Prosthodontics Research Symposia and Events:

Please refer to full conference program:

http://iadr.confex.com/iadr/2005Balt/techprogram/program_308.htm

From the President

My view of the state of research in prosthodontics derives from service to the Prosthodontic Research Group (PRG) as group program chairman for a number of years, similar service to the Dental Materials Group, duties with research committees of prosthodontic organizations and opportunities to become familiar with research groups worldwide, both university- and industry-based. There are compelling reasons to be both proud and frustrated regarding our state of affairs.

There has never been a more open mindset among prosthodontists regarding the need to stop teaching dogma and start defining, examining, and (our job) increasing the depth of the evidence-based supporting clinical practices. The future has never been brighter in terms of the significance level of contributions that researchers are poised to deliver to practicing prosthodontists. Our natural partnership with basic scientists and bodies of knowledge in “non-traditional” disciplines is becoming recognized. Our ranks are increasingly influenced by the energies and attention of scientists and clinician-scientists having advanced training in such areas as bone physiology, molecular biology, tissue engineering, surface metrology, materials science and the behavioral sciences. Topics related to cellular responses and nano-scale materials/concepts are finding invited spots on major prosthodontic programs. Our Group has responded by expanding its recognition of outstanding student research into two areas from one (materials science/bioengineering and biological sciences/tissue engineering) as part of the Frechette Research Award program.

Major organizational programs are reinforcing both the potential and impact of PRG activities. The FDI is reaching out to the IADR with efforts to close the laboratory-practice gap. In the United States, the NIDCR has created two new programs related to clinical trials: one establishing a large practice-based research network and the other training programs in clinical research. Over the last ten years both new and enriched sources of research funding have become available for post-doctoral students. Research tools that would have amazed our predecessors are becoming routinely available at many universities and dental scientists are increasingly welcomed onto teams engaged in multi-discipline programs. We continue to enjoy supportive and professional relationships with the dental materials and device industry.

That said, it is hard not to be frustrated by the lack of talented scientific mentorship available to program directors and residents of post-doctoral prosthodontics. At many institutions this is compounded by a lack of serious understanding of the scientific method or appreciation for the effort involved in good experimental design and data analysis on the part of our community leaders – i.e. science is not really well understood or welcomed as part of the program. The impact factor ranking of our major journal publishing prosthodontics research (44th of 46) may be a related indicator (unlikely an indication of editorial quality but rather a reflection on

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the material available, or obligated, for publication). While we can all identify our researcher/clinician stars few realize that these individuals persevered against a system in achieving dual capabilities – we have virtually no well integrated programs of study facilitative of combining the practice of prosthodontics with achieving basic science credentials. Our impressive state today – wonderful resources and a cadre (albeit small) of well-trained talent – is ironic and a bit serendipitous.

Can the PRG play a role in addressing or defining these issues? I think that we can, at a minimum, provide a forum to begin such a discussion. Who else can begin to develop long-term strategies for a durable solution? Our membership includes a powerful cross-section of political, scientific, and programmatic leaders in prosthodontics. Given the traditional fragmented nature of “organized prosthodontics” such activity by the PRG may be both necessary and welcomed.

Dr J. Robert Kelly - President

2004 IADR – HONOLULU, HAWAII Prosthodontics Group Business Meeting and Reception Friday March 12, Hawaii Convention Center

BUSINESS MEETING MINUTES

Mark Thomason

Call to Order - Prof Angus Walls

Approval of 2003 Minutes - Accepted

Present –Neal Garrett, Julie Holloway, J Robert Kelly, Kent Knoernschild Lisa Lang, Dr William Nagy, Dr Takahiro Ogawa, Mark Thomason, Stephen Rosensteil, Angus Walls, active members of the IADR Prosthodontics Group, student members and guests.

1. **Opening remarks** by President Angus Walls
2. **Councillor's Report** - Neal Garrett (see “Detailed Reports”)
3. **Secretary/treasurer's Report** - Mark Thomason
Financial Report for 2003 (see “Detailed Reports”)
4. **Program Director's Report** – Stephen Rosensteil (see “Detailed Report”)
5. **Frechette Competition** - Steve Rosenstiel (see report on page 5)
6. **Nominations Committee Report** – Kent Knoernschild Chair
7. **Elections** - Kent made a motion to vote for the slate of 2004-05 officers by acclamation. The motion carried by unanimous vote.
8. **Installation of Officers** - Prof Angus Walls
Prof Walls installed Dr J Robert Kelly as new President of the Prosthodontics Research group for 2004/05.
9. **Adjournment** - The meeting was adjourned by Prof Walls.

ANNUAL FINANCIAL REPORT (2003)

Secretary-Treasurer Report

Mark Thomason

The Group remains in good financial shape the current balance is approximately \$37,000 but this does not take into account the expenses for the Symposium (although it does include the sponsorship) or the sponsorship and expenses for the Group reception this year.

I would like to thank 3i for the generous sponsorship of his year's symposium and for Tak's organisational skills in making this happen. I would also like to thank Brien Lang on behalf of The Journal of Prosthetic Dentistry, Dave Felton on behalf of The Journal of Prosthodontics, and the management committee of my own Journal, The EJPRD for sponsorship of the Group reception.

This year for the first time this is a joint reception with the Implantology Group. I would particularly like to thank Clark Stanford for his work in putting this together at time when the American Banking System was making it particularly difficult to have a US bank account accessed by a Brit!

Additionally the Whip mix Corporation remains a loyal supporter of the Frechette Competition with its \$1000 grant for the winner

Members who have not received the news letter (mailed last month) have either not paid their dues to Central Office or have left incorrect e-mail addresses with Central Office. Please check this with Central Office if you have not received any communication

As of February 2004 Central Office indicates 469 paid up members but only 326 have logged e-mail addresses and of these 40 are no longer current. Given the student membership turnover this is perhaps not surprising. Correcting these problems is important for effective group communication.

Financial Report 2003

Amount of annual dues per member	\$18.00
Fund balance as of 12/31/02	\$28,236.04

Income \$	
Dues	4752.00
Interest	224.60
Other	18,933.29
Total Income	\$23,909.89

Expenditure \$	
Frechette Award	1,000.00
Meeting receptions	5,343.63
Supplies	171.82
Other	8,607.24
Total Expenditure	\$15,122.66

Balance as of 12/31/03	\$37,013.27
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DETAILED REPORTS FROM THE HONOLULU BUSINESS MEETING

Councillor Report

Neal Garrett

The IADR Council meeting was held on Tuesday, March 9, 2004 in the Hilton Hawaiian Village Hotel, Honolulu, Hawaii. The AADR Council meeting was held Wednesday, March 10, 2004 in the Sheraton Waikiki Hotel, Honolulu, Hawaii. Your Councillor attended both meetings.

Announcements

Chris Fox to began his appointment as Executive Director, effective April 1, 2003, and has rapidly picked up the operations of both organizations.

JDR Editor, Mark Herzog, is stepping down as Editor of the JDR and Anthony (Tony) Smith from Birmingham was elected by the Boards as the new Editor. Tony is a distinguished scientist award winner in pulp biology and is expected to provide a feeling of more international responsibility for the journal, since that is now the case with the joint IA/AA ownership. Joceleine Feine will remain an Associate Editor for Clinical Research.

There continues to be some turnover in Central office staff over the past year. However, with the return of Gwynn Dominguez as Director of Meetings, the meeting seems to be in good hands.

Elections

The following election results were announced. Online voting continues to be a high percentage of the total votes received. .

IADR Vice-President	Stephen Bayne
AAADR Vice-President	Dianne Rekow
AAADR Treasurer	Pam DenBesten
AAADR Rep to the IA/AA	
Publication Committee	Karen Novak

IADR extended the term of the treasurer, Ed Yen, for one year in order not to have 2 new treasurers starting at the same time.

In addition, candidates for the IADR Vice-President were announced as Deborah Greenspan, U of California, Peter Holbrook, U of Iceland and Lakshman Samaranayake, U Hong Kong.

AAADR nominations for VP :	Marc Heft, Gainseville
	Grayson Marshal, UCSF
	Susan Reisen, U Conn
AA Publications committee:	Mel Kantor, New Jersey
	George Taylor, Michigan
Board Member at Large:	Carla Evans, Chicago

Regional Board Members from North and South America were selected to the Board in order to at the January 2004 Board Meeting. There are Richard Ellen from University of Toronto and Jose Luiz Lage-Marques.

The winners for the 2004 IADR Distinguished Scientist Awards were announced, and Ichiro Nishimura received the Distinguished Scientist Award for Research in Prosthodontics and Implants. Ichiro has been a strong supporter of the Prosthodontics Group, serving numerous positions on the Executive Committee and is a past-president of our group. He was awarded the Prosthodontics Group Award for new investigators, which later became the Frechette Award. We all extend him hearty congratulations on this recognition of his significant contributions.

Membership

IADR membership has experienced 2.3% growth during 2002 and has been rising steadily for the last four years. However, while AADR had about a 10% increase over the 3 preceding years, last year saw a 7.5% decline in members. This is very disconcerting and was the subject of considerable discussion on how to correct the slide.

Meetings

Approximately 4300 abstracts were received representing 62 countries, along with 50 proposals for symposia and workshops. The committee scheduled 28 symposia, 25 lunch and learning sessions, 6 workshops and 1142 oral presentations in 422 sessions, along with 2840 poster presentations. It appears this meeting will surpass the previous largest in San Diego.

London and Berlin and Seoul were initially discussed for the 2010 IADR meeting site. However, when the figures came in, a previously considered site, Barcelona, was brought back again. It had been ruled out previously because of costs, but it was found to be in line with costs at other European sites. Barcelona was selected, and it was noted that Seoul had been passed over several times, and should be given high consideration in the future.

Washington, DC and San Francisco were discussed as potential sites for the 2010 AADR meeting and both were close cost wise and deemed to be popular. Due to the selection of San Diego for the 2011 IA/AA/CA meeting, it was decided to go with DC for the 2010 AADR meeting. There will be a new fully wired convention center and hotels in DC for the 2010 meeting.

Finances

Overall, the financial outlook is relatively good for both IADR and AADR organizations, due to the extensive portfolio and the profit made by the Journal of Dental Research. The audit of 2002 was approved and it reflected a very positive review. However, 2004 will be a difficult year. Both the Gothenburg and San Antonio meetings in 2003 did not generate the projected revenue due to low attendance. The Joint Finance Committee has dramatically reduced expenses and with modest dues increases and meeting registration fees, it is hoped that by 2005 and beyond, both Associations will have positive operating budget

without relying on withdrawals of income from the portfolio.

Projected budgets for AADR continue to rely on significant revenue surplus from meetings to balance their budget, and these may not be realized. For example, AADR is looking at continued deficits in the operating budget, with a deficit of \$300K being projected for the immediate future, as it has been for some time. The figures presented to balance this deficit in 2006 are dependent on projected \$400K profit from the 2006 IA/AADR meeting in Orlando. However, this is more than twice the profit from any previous IA/AADR meeting. These figures should continue be of concern to AADR members.

AADR dues to increase from \$72 to \$85 in 05 and to \$95 in 06. Registration in '06 to go from \$280 to \$375 (75 is a meal fee imposed in Orlando). Other categories of membership and registration also increased.

A membership fee of \$10 and meeting registration fee of \$30 for is being imposed for Retired members, effective for those retiring in '05 and after.

There is pressure to find ways to get a stable source to fund the Central Office costs, and dues and registration increases are seen as an easy target.

While the investment portfolio declined in 2001 and 2002, gains of over 10% were made in 2003. As of 11/30/2003, the AADR portion of the portfolio was at \$4.8 M and the IADR share was at \$6 M.

Journals

The Journal of Dental Research continues to increase in health and recognition. However, the scientific impact factor dropped slightly in 2002 to 2.95, down from 3.35 in 2001. This is partly due to the new prohibition on self citation of JDR and other citable abstracts. Overall acceptance rate was 34.5%. A total of 525 articles were submitted in 2003 and since March 1, 2003, submission has been online. Research papers are generally in print within 2 months of acceptance. JDR is instituting a submission charge of \$45.

New Editor, Tony Smith will take over on April 1, 2004.

JDR and Critical Reviews in Oral Biology and Medicine (CROBM) have merged and each issue of JDR will publish 2 CROBM reviews.

Strategic Plan Committee

The completed Strategic Plan was presented along with outcomes assessment and identification of persons responsible for each goal. I have a copy available for those that are interested.

Other Action Items

Task Force on Committees gave a number of recommendations for individual committees. IT committee was considered to have been usurped by

progress in Central Office Committees and was disbanded.

African-Middle East and Latin American Federations were formed and approved by Council. Nigerian Division was all approved.

Hatton Awards: question of whether post doc category would be included in the senior category. It has been suggested to maintain the junior, senior and post-doc categories, and this issue was referred back to committee.

NOMINATIONS COMMITTEE (2005)

Kent Knoernchild

Posted slate:

President Elect	Carol Lefebvre (until 2006)
Secretary Treasurer	J. Mark Thomason (until 2006)
Program Chair	Steve Rosenstiel (until 2005)
Director	Takahiro Ogawa (until 2006)
Director	Lisa Lang (until 2006)

Slate accepted by unanimous vote.

FRECHETTE AWARD PRESENTATION

Stephen Rosenstiel



Frechette Award 2004

The winners of the 2004 Frechette Awards - the annual research competition for new investigators sponsored by the Prosthodontics Research Group of the International Association for Dental Research and honoring the memory of Arthur R. Frechette who served as Secretary-Treasurer of the IADR from 1968 until 1977 - were **Dr. H. EGUSA**, UCLA School of Dentistry, for his study entitled "Selective Down-Regulation of Gene Expression in Adult Stem Cell Differentiation" and **Dr. V. RUTKUNAS**, Tokyo Medical & Dental University, for his study entitled

"Retentive Force Properties of Overdenture Attachments during Various Dislodging Patterns". The individuals pictured are (left-to-right) Dr. Stephen F. Rosenstiel, Group Program Chair IADR Prosthodontics Research, Dr. V Rutkunas, Dr. H. Egusa Frechette Award Winners and Dr. Atul C. Sarma, Whip Mix Corporation. In addition to the plaques Drs. Egusa and Rutkunas each received a check for \$1000 thanks to the generous support of the Whip Mix Corporation.

New investigators in Prosthodontics have been encouraged to apply for one of two 2005 Arthur R. Frechette Awards in Prosthodontics. Each Award recognizes original research by new investigators and is sponsored by the Prosthodontics Research Group of the IADR and supported by the Whip Mix Corporation. One award is for Prosthodontic research undertaken with a Materials Science or Bioengineering oriented protocol and the other is for Prosthodontic research undertaken with a Biological Sciences and Tissue Engineering oriented protocol. Researchers carrying out original research are eligible for the Frechette Award if they have been the primary author of no more than three articles published in refereed dental journals. Each award carries a cash prize of \$1,000.

Research submitted for the IADR meeting in Baltimore, Maryland is eligible for consideration for the Frechette Award, provided it has not been published elsewhere or will not be under consideration for another award.

The abstracts will be judged for (1) originality and scientific design of the investigation, (2) suitability of the methods of analysis, and (3) scientific value of the work. Selected finalists will be judged at the 2005 IADR meeting in Baltimore, Maryland and the winner will be announced at the Prosthodontics Research Group Business Meeting.

IADR Prosthodontics Research 2004 Group Program Chair's Report

At the 2004 Honolulu meeting, 193 papers, 1 symposium (Nanotechnology for Bone-Titanium Integration Research, jointly with Dental Materials, Implantology Research, Mineralized Tissue, chaired by Dr. Takahiro Ogawa and supported by 3i Implant Innovations, Inc) and 1 keynote speaker (Dr. Kent Knoernschild presenting "Dental Implant Prognostic Factors") were scheduled for Prosthodontic Research out of a total of 3999 papers. There were 200 submitted (4.67% of total), 10 transferred in, 0 transferred out and 17 rejected. The 8.5% rejection rate compares with 5.1% overall. One of the accepted papers (out of a total of nine for the meeting) benefited from the English Language Assistance Program.

The submissions represented 26 nations and all 6 continents. The USA (56 submissions) represented the largest group followed by Japan (39), Germany (29) and Brazil (28), although Asia (60) had more

submissions than N. America (57) or Europe (50). S. America had 30 submissions. Of the rejected abstracts, a disproportionate number came from Brazil (this was true of the meeting as a whole). Members with contacts in that Nation are encouraged to offer their assistance in writing abstracts that conform to the IADR guidelines.

The 193 papers were scheduled for 8 oral (Arthur R. Frechette Research Award Finalists, Ceramics/Metal Ceramic Systems, Assessment of Color and Esthetics, Removable/Maxillofacial Prosthodontics and Articulators, Keynote Address and Implant Prosthodontics, CAD/CAM and Fiber Composites, Clinical Outcomes of Prosthodontic Treatment and Post/Core Studies, Preparations, Impression Materials, Biomechanics.) and 10 poster sessions (Assessment of Color and Esthetics, Ceramics and FRC in Fixed Prosthodontics, Clinical Outcomes of Prosthodontic Treatment, Fixed Prosthodontic Research, Preparations, and Impressions, Fixed Prosthodontic Research, Provisional, and Definitive Restorations, Masticatory Performance and Oral Function, Removable Partial Denture Research, Complete Denture and Overdenture Research, Implant Prosthodontic Research and Restoration of Endodontically Treated Teeth).

Members may have noticed the number of "withdrawn" papers at the meeting. This was due to the new requirement of having to register for the meeting as a condition of abstract acceptance. Apparently, in the past, "badge-sharing" non-registrants had been costing the Association significant income. Central Office found the tracking of registration very time consuming and was the major reason for the late appearance of the abstract CD. Our group had one oral presenter and two poster presenters withdrawn for this reason. An oral "no-show" in particular is very disrupting to the program and it was suggested at the Group Program Chairs meeting that alternative methods for ensuring registration be pursued. One suggestion was to require registration at the time of submission and issue refunds to non-attending rejected authors.

Future meetings are scheduled as follows:
March 9-12, 2005, Baltimore, MD, IA/AA
March 8-11, 2006, Orlando, FL, AA
June 28-July 1, 2006 Brisbane, Australia, IA
March 21-24, 2007 New Orleans, LA, IA/AA

Submission of abstracts for the 2005 meeting will be on-line only and the deadline is October 1, 2004
Proposed 2005 Meeting Schedule:

Respectfully submitted
Stephen F. Rosenstiel, BDS, MSD, Group Program Chair.

HONOLULU RECEPTION

Mark Thomason

The Prosthodontics and Implantology Group Reception was held on Thursday March 11th at the Hilton Hawaii Villlage hotel. Guests enjoyed a buffet and drinks at this popular opportunity to meet and socialize with others attending the Annual meeting from all over the world.

IADR/AADR Prosthodontics Group

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