March 2007

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Highlights and events for IADR – New Orleans 2007
March 21-24, 2007
Ernest N. Morial Convention Center,
New Orleans, Louisiana, USA

- Arthur R Frechette Award Competition
  (http://iadr.com/awards/frechette.html)
  Wednesday, 21, 2:30-4:00 PM
  Ernest N. Morial Convention Center - 390
  (Winners will be announced at the business meeting)

- Pre-Prosthetic Regenerative Science Award
  A Newly established, poster- and extended abstract-based competition, and the winners will be announced at the business meeting
  Check a website!!
  (http://www.dentalresearch.org/awards/preprost.html)

- Group Sponsored Symposia by Our Group

- Status of Laboratory Studies for Predicting Clinical Behavior
  Wednesday, 21, 2:30-4:00 PM Convention Center - 298
  Organizer: Robert Kelly (University of Connecticut, Farmington, USA)
  Sponsors: Dental Materials and Prosthodontics Research Groups and ADA Standards Committee on Dental Products

- Molecular and Nano-design of Dental Implants
  Friday, 23, 10:45-12:15AM Convention Center - 293
  Organizer: Takahiro Ogawa (University of California, Los Angeles, USA)
  Sponsors: Prosthodontics Research and Implantology Groups and Japan Prosthodontic Society
Lunch & Learn Sessions by Our Group

**Novel Surface Properties of Titanium beyond Chemistry and Topography: How Do We Study Them?**
Speaker: Takahiro Ogawa (University of California, Los Angeles, USA)

**Zirconia-based All-ceramic Restorations: Strength, Longevity, and Future Research**
Speaker: Wael Att (University of California, Los Angeles, USA)

Prosthodontics Group Business Meeting
Thursday 22 -5.00 pm – 6 pm
Convention Center - 390

Prosthodontics and Implantology Group Joint Reception
Thursday 22 – 6pm to 7.30pm
Convention Center - 397

Prosthodontics Executive Officers Meeting
Thursday 22
7:00-8:00 AM
Convention Center - 397

From the President

Come along to the meetings and get involved! Talking to colleagues about your research in the meeting rooms, bars and social events surrounding the meeting can be most fruitful and rewarding. There are many world-class speakers, and most are only too happy to meet and discuss their latest work. In addition, the leaders of the Prosthodontic Research Group are interested in your feedback; so tell them what you want from the Lunch and Learn, keynote speakers sessions etc. and come along to the business meetings.

The 84th General Session and Exhibition of the IADR was held last year at the Brisbane Convention & Exhibition Center (June 28 - July 1, 2006) and was a great success. Your officers do a lot of work “behind the scenes” and I am indebted to them for their help this year in preparing for the next meeting in New Orleans, Lousiana. This should be a great experience and I cannot wait to experience the culture, the music and the food.

May I remind you to make full use of the online access to the Journal of Dental Research (JDR), and Critical Reviews section. All JDR articles older than 12 months are available free online. Issues of JDR are also available through the High Wire press website.

Best wishes to Mark Thomason as the next Prosthodontic Research Group President. I hope to see you all at the meeting, so please stop me and say hello.

Kindest regards,
Hugh Devlin
Prosthodontic Group Executive Officers 2006-07

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Director Mary Walker
University of Missouri-Kansas City
School of Dentistry walkermp@umkc.edu

A Report from 2006 IADR – Brisbane
Prosthodontics Group
Business Meeting and Reception
Friday 11th March 2005, Baltimore Convention Centre

BUSINESS MEETING MINUTES

Call to Order – Dr J Robert Kelly
Approval of 2005 Minutes – Accepted
Present – Neal Garrett, J Robert Kelly, Takahiro Ogawa, Hugh Devlin, Mark Thomason, Stephen Rosenstiel, Keiichi Sasaki, active members of the IADR Prosthodontics Group, student members and guests.

1. Opening remarks by Immediate Past President Robert Kelly

2. Councillor’s Report – Neal Garrett (see “Detailed Reports”)

3. Secretary/treasurer’s Report – Mark Thomason
Financial Report for 2005 (see “Detailed Reports”)

4. Program Director’s Report – Takahiro Ogawa (see “Detailed Report”)

5. Frechette Competition – Steve Rosenstiel (see report)

6. Nominations Committee Report – Robert Kelly, Chair

7. Elections – Robert Kelly made a motion to vote for the slate of 2006-07 officers by acclamation. The motion carried by unanimous vote.

8. Installation of Officers – Dr J Robert Kelly installed Dr Hugh Devlin as new President of the Prosthodontics Research group for 2006/07.

9. Adjournment – The meeting was adjourned by Dr Kelly.
Secretary-Treasurer Report
Mark Thomason

The Group remains in a strong financial position with a current balance of approximately $38,700 at the end of the 2005 financial year. This does not take into account the expenses or sponsorship for the joint Group reception this year.

This was the third year for a joint reception with the Implantology Group which have proved to be great events in both previous years and I am sure we would wish to continue. I would particularly thank Dr. Clark Stanford from the Implantology Group for his work in putting this together which has made my task very easy indeed. We should also extend a second thank you to Clark as he has secured full sponsorship for the event meaning that we have no had to look for these ourselves this year. I hope our previous sponsors-Brien Land and our President Carol Lefebvre on behalf of The Journal of Prosthetic Dentistry, Dave Felton and Alethea B. Gerding-the managing Editor of The Journal of Prosthodontics, and the management committee of my own Journal, The European Journal of Prosthodontics and Restorative Dentistry have not been offended by no asking them for sponsorship this year.

I would also like to recognize the role of the Whip Mix Corporation who have continued as very loyal supporter of the Frechette Competition with its $1000 grant.

Members who have not received the newsletter (emailed as week before the Brisbane meeting) have either not paid their dues to Central Office or have left incorrect email address with Central Office. Please check this with Central Office if you have not received any communication.

As of Februraly 2005 Central Office indicates 397 paid up members but judging from the number of nondelivered emails I got back I would guess we have current email addresses for about 300 members. Given the student membership turnover this is perhaps not suprising. It would be good to find a way to correct these problems.

Financial Report 2005

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Councillor Report
Neal Garrett

After 11 years of service to the IADR, Skip Collins completed his last roll call to begin the meeting. His effort and support will be greatly missed by all in the organization.

• AADR meeting in Orlando was very successful & did well financially. From an educational standpoint, the joint sessions with ADEA were well received.

• Treasurer Angus Walls reported that the JDR print subscriptions was holding up & improving projections for JDR’s financial position.

• Attendance at the Brisbane meeting was exceeding expectations & it appears the meeting will be a financial success.

• Overall, the financial health of the IADR is good.

• Journal of Dental Research Editor Tony Smith reported an increase in submissions, and the impact factor is up. JDR is maintaining its status as the #1 dental journal. The legacy project for the JDR is complete, and there is now free access online back to issue 1 from year 1919.

• IADR Director Chris Fox reported that the Baltimore meeting was a financial success, with a net profit of $635K. Following the 6% decline in membership in 2004, 2005 showed a 1.7% increase & 2006 looks like it will also show a slight increase. Central Office increased their both IADR & AADR advocacy for research funding during the past year.

• A financial audit was completed 12/31/2004. Total assets decreased from 2003 by about $100k, with total assets standing at $8.4M. There was a good clean report from the audit.

• Elections

Pan Asian Pacific Federation Regional Board member – Yoshimitsu Abiko

African & Middle Eastern Regional Board member – Ahmed Augweh

IADR Vice-President candidates – Susan Reisine, David Williams, Ed Yen

Bob Tencate was elected Vice-President for 2007

New Section Applications – Columbian, Panamanian, Sudanese Sections

• A new tiered dues structure was proposed based on World Bank country classifications. Annual dues for members in countries with a Lower Middle Income classification would pay $40 per year, Upper Middle Income classification would pay $50 per year, and High Income classification would pay $74 per year. Currently we have a membership subsidy program but people don’t like asking for it (charity), so only 25% of those eligible request the subsidy. The cost of adding a new member is $39, so the $40 lowest rate would cover the “cost” of a new member. Using the World Bank classification of income for countries, the second tier would be new for us. We only gave the subsidies to the low income countries before. If we maintain the current structure, it is estimated that we will lose 5% of tier I & tier II members – and therefore a loss in dues. The tiered structure will retain more members, but still result in a loss in dues—both scenarios appear to result in about $30k loss in dues. Students will remain at $22 with no tier structure. The total loss will be $56k if all tier I drop. There are about 650 members in each tier. The proposal to impose the tiered membership rates we passed by the Council.

• Budget

The manager of IT moved on and rather than fill the position, it was decided to outsource the activities. This will produce some cost savings. Additional savings will be achieved by not replacing Skip Collins upon his retirement. There was a $210k surplus in 2005.

2006 is projected as break even. They are on target for registration at this meeting – so it looks like this will happen.
• WHO – GORG & Prosth groups will be sponsoring a symposium with WHO support


Nominations
Committee Report
Robert Kelly

Posted slate:
Slate for 2006 -2007
President Hugh Devlin
President-Elect Mark Thomason
Sec/Treasurer Takahiro Ogawa
Program Chair Ben Wu
Councilor (IADR, AADR) Neal Garrett
Directors Keiichi Sasaki (2009)
Mary Walker (2008)

Slate was accepted by unanimous vote

Frechette Award
Presentation
Stephen Rosenstiel

The winners of the 2006 Frechette Awards were recently presented at the International Association for Dental Research annual meeting in Brisbane, Australia. The Frechette is 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. The winners were Dr. Hidemasa SHIMOPO, Tsurumi University, Yokohama City, Japan for his study entitled “Retentive force of titanium clasps with different retentive arm designs” and Dr. Chun XU, Shanghai Jiao Tong University, Medical School, Affiliated 9th People's Hospital, China, for his study entitled “Static Magnetic Fields Influenced F-actin Cytoskeletons of PDL-cells” The individuals pictured are (left-to-right) Dr. J. Robert Kelly, Past-President IADR Prosthodontics Group, Dr. Stephen F. Rosenstiel, Frechette Coordinator IADR Prosthodontics Group, Dr. Hidemasa Shimpo, Frechette Award Winner, Dr. Chikahiro Ohkubo, Mentor to Dr Shimpo, Dr. Chun Xu, Frechette Award Winner and Mr.Ashley Frischkorn, Representative for Whip Mix Corporation in Australia. In addition to the plaques Drs. Shimpo and Xu each received a check for $1000 thanks to the generous support of the Whip Mix Corporation.

Seventeen new investigators in Prosthodontics applied for one of the two 2007 Arthur R. Frechette Research Awards in Prosthodontics. Each Award recognizes original research by new investigators and is sponsored by the Prosthodontics 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.
The abstracts were judged for (1) originality and scientific design of the investigation, (2) suitability of the methods of analysis, and (3) scientific value of the work. The six finalists, selected based on these criteria, were Dr. Hideki Aita "Accelerated osseointegration around light-induced super-amphiphilic titanium surface", Dr. Robert Berg "Laser Peening of Endosseous Implants With a Trilobe Internal Connection", Dr. Yohei Sato "Wear behavior of experimental Ti-5Al and Ti-5Al-5Cu alloys", Dr. Weng-Kong Tam "Automatic Shade Matching in Dentistry Using Digital Cameras", Dr. Masahiro Yamada "Cytotoxicity and Detoxification of Poly-methylmethacrylate Resin to Dental Pulp Cells" and Dr. Yu Zhang "Gliding Contact Fatigue Damage Maps of Veneered Zirconia Structures". You are encouraged to attend their oral presentations at the 2007 IADR meeting in New Orleans on Wednesday March 21st. The winners will be announced at the Prosthodontics Group Business Meeting on Thursday March 22nd at 5pm.

### 2005 Group Program Chair’s Report

**Takahiro Ogawa on behalf of Nico Creugers**

At the 2006 Brisbane meeting, 128 papers were scheduled for Prosthodontic Research out of a total of 2616 papers.

The 128 papers were scheduled for 4 oral sessions (Arthur R. Frechette Research Award Finalists, Tooth Replacement, Clinical Investigations, and Experimental Studies) and 7 poster sessions (Experimental Studies, Implants, Prosthodontic Materials I, Occlusion & Loading, Dentures, Esthetics and Tissue Function, Prosthodontic Materials II). Denture and Overdenture Research, Fixed Prosthodontic Research: Preparations and Impressions, Fixed Prosthodontic Research: Provisional and Definitive Restorations, Masticatory Performance and Oral Function, Removable Partial Denture Research, and Restoration of Endodontically Treated Teeth).

The 128/2616 compares to recent meetings as follows:

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The Prosthodontics and Implantology Group Reception was held on Thursday June 29 in the Brisbane Convention Centre. 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.

At last but not least, I would like to send many thanks to Mark for his dedication in the past three years as a Sec/Treasurer of the Group. His meticulous job and outstanding leadership should have been recognized.

Now I am looking forward to seeing you at the Reception in New Orleans this Year. It will be held on Thursday, March 22 evening 6:00 to 7:30PM, immediately after the Business Meeting. Come and Join us!!

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