

Prosthodontics Research Group

International Association for Dental Research

Newsletter

March 2011
edited by Cortino Sukotjo

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PREVIEW HIGHLIGHTS AND EVENTS FOR IADR SAN DIEGO 2011



LUNCH AND LEARNING PROGRAM

1. Asbjorn Jokstad, University of Toronto Faculty of Dentistry. Title: How to Plan a Randomized Clinical Trial Focused on Implant Therapies? *Thursday, March 17, 2011: 12:15 p.m. - 1:30 p.m. Location: Room 2 (San Diego Convention Center)*

2. K. KURTZ, Dept. of Prosthodontics, NYU, New York, NY. Title: Fatigue of Dental Implants. *Thursday, March 17, 2011: 12:15 p.m.-1:30 p.m. Location: Room 2 (San Diego Convention Center)*

3. J.A. DUYCK, Dept. of Prosthetic

Dentistry, BIOMAT Research Group, Leuven, Belgium. Title: Peri-implant Tissue Healing and Bone Adaptation in Response to Mechanical Implant Loading. *Thursday, March 17, 2011: 12:15 p.m.-1:30 p.m. Location: Room 2 (San Diego Convention Center)*

4. K. BABA, Prosthodontics, Showa University, Tokyo, Japan. Title: Strategies for Management of Sleep Bruxism - Clinical Implication of Basic Findings -Thursday, March 17, 2011: 12:15 p.m.-1:30 p.m. Location: Room 2 (San Diego Convention Center)

KEYNOTE ADDRESS

1. ASBJORN JOKSTAD

University of Toronto, Faculty of Dentistry. Title: Long-Term Clinical Performance of Fixed FDPs Depends on Alloy Selection *Thursday, March 17, 2011: 10:45 a.m. - 12:15 p.m. Location: Room 31C (San Diego Convention Center)*

2. R.L. ETTINGER

Dental Research and Prosthodontics, University of Iowa, Iowa City, IA. Title: Should Implants Supplant Tooth Roots in Mandibular Overdentures? A 20-Year Perspective. *Friday, March 18, 2011: 10:45 a.m. - 12:15 p.m. Location: Room 31C (San Diego Convention Center)*

MEETING AND COMPETITION

*CC: Convention Center

Frechette Award Competition

1.30-3.00PM, Wednesday, 3/16, at CC room 31C

Prosthodontic group Executive Officer meeting

7-9AM, Thursday, 3/17, at CC, Mezzanine Level, Room 14A

Prosthodontic group Business meeting

5-6PM, Thursday, 3/17, at at CC11B

Prosthodontic and Implant group joint reception (supported by Panasonic)

6PM-7.30PM, Thursday, 3/17, at CC11B

Remarks from the President



Takahiro Ogawa

A prosperous decade and visionary future

Another exiting moment is around the corner in San Diego. I would like to welcome all of you to our scientific sessions, business meeting, and Prosthodontics-Implant Group joint reception. Our group has enjoyed a prosperous decade. The number of members in our group has been on a constant increase and it was a celebrating milestone that it exceeded 500 in 2009. I would like to say “thank you all” for your continuous interest and participation in our group. I am also grateful to all of our previous presidents, program chairs, and officers for keeping our group active and intriguing.

I humbly but firmly believe the quality and broadness of scientific activities Prosthodontic Group has established and yet still needs to pursue. One of the unique opportunities in IADR

community is that we are in a borderless, multidisciplinary environment. This is a great advantage for each of us to harness to explore our new potentials and, at the same time, a mission and responsibility to serve and participate as a valuable resource in assuring and enhancing the environment to meet the increasing and broadening demands. In the face of this mission, our group took this fortunate opportunity to make our group visionary, inspiring, and resourceful by introducing, stimulating, and encouraging multidisciplinary minds of sciences in prosthodontic-related research.

Many symposia with a broad range of cutting-edge topics and insightful ideas have been hosted by our groups in this decade. These included reconstructive biotechnology and tissue engineering sciences in oral and craniofacial area, impacts of nanoscience and nanotechnology in restorative and reconstructive materials, and much more... Our group has provided young investigators in the multidisciplinary field of science with precious opportunities of learning, networking, and competing. Our lunch-and-learn sessions hosted by our officers and invited speakers covered a wide range of new subjects and solutions, including but not limited to research management for young investigators, advanced technology and science in regenerative and dental materials, novel functional and physiological assessments in craniofacial biology, etc. Arthur Frechette award competition coordinated by Dr. Stephen Rosenstiel and supported by WhipMix corp. has been very successful as one of the most prestigious student award in IADR. The completion was expanded to two different categories of biological science and material/clinical science, widening a door to praise a broader range of

prosthodontics-related research. Another proof of our endeavor in this line was the Preprosthetic Regenerative Science Award (PRS award) for young investigators established in 2007 under co-sponsorship with Japan Prosthodontic Society. The award is given based on the evaluation of extended abstracts submitted by the finalists and credits interdisciplinary approaches in pre-prosthetic or prosthodontics-related regenerative sciences and biology by student or faculty researchers in their early career.

We should recognize many other activities and achievements in the last couple years, which significantly advanced our group to the next level. Dr. Asbjorn Jokstad, our former president, fulfilled our long-awaited hope of having a group website. It was soon enough for us to see a well-organized and very informative website since he joined in our group. The website is being updated timely, which I ask all of you to visit and enjoy on a routine basis. On behalf of the successive presidents, I greatly appreciate his passion and brilliant work to have made this happen. Starting last year, Prosthodontics and Implant Group joint reception has been sponsored by Panasonic. We thank their generous support and unforgettably Dr. Kazu Baba, a director of our group, for bringing this great opportunity. A special credit should be given to Dr Wael Att, one of our directors, for his achievement in establishing our first student research fellowship. The fellowship started last year under generous support by VITA Zahnfabrik and well valued by student researchers to test their novel ideas.

With all our colleagues, I congratulate Dr. Ronald Ettinger for his great success in his study and career recognized as Distinguished Scientist Award Winner in Implant and Prosthodontic Research last year. In addition to sharing this honor, we are

also very grateful to his long-service and dedication to our group as an abstract reviewer and Frechette competition judge. With my humbleness, my research team received William J. Gies Award last year for one of our studies selected as the best article published in Journal of Dental Research. It was a great honor to hear from the IADR Headquarter that it was a first winning of this award by a member of Prosthodontic Group. At last but not least, we thank all previous and incumbent officers for the time they have sacrificed, expertise they have given, and dedication they have put to our group and friends. We just have been very lucky to have these people; each of them has been and will be a great asset.

I hope you will enjoy sunny San Diego just like seagulls do leaping and flying over the ocean that leads us to visionary future.

All my best,

Takahiro Ogawa

Prosthodontic Executive Officers 2009 -2010

President

Takahiro Ogawa

UCLA School of Dentistry
togawa@dentistry.ucla.edu

President-Elect

Keiichi SASAKI

Tohoku University Graduate School of
Dentistry
keii@dent.tohoku.ac.jp

Immediate Past President

Asbjorn Jokstad

University of Toronto Faculty of
Dentistry
a.jokstad@dentistry.utoronto.ca

Secretary/Treasurer

Cortino Sukotjo

University of Illinois, Chicago

Csukotjo@uic.edu

Program Chair

Dan Nathanson

Boston University Henry M Goldman
School of Dental Medicine

dnathan@bu.edu

Councilor -IADR

Mark Thomason

School of Dental Sciences
Newcastle University

j.m.thomason@newcastle.ac.uk

Councilor-AADR

Stephen Rosenstiel

The Ohio State University,
College of Dentistry

rosenstiel.1@osu.edu

Frechette Award Coordinator

Stephen Rosenstiel

The Ohio State University,
College of Dentistry

rosenstiel.1@osu.edu

Pre-Prosthetic Regenerative

Science Award Coordinator

Keiichi SASAKI

Tohoku University Graduate School of
Dentistry

keii@dent.tohoku.ac.jp

**IADR PG Student Research Fellowship
Coordinator**

Wael Att

Albert-Ludwigs University

wael.att@uniklinik-freiburg.de

Directors:

1. David Bartlett

King's College London Dental Institute
at Guy's, King's College and St Thomas'
Hospitals.

david.bartlett@kcl.ac.uk

2. Wael Att

Albert-Ludwigs University

wael.att@uniklinik-freiburg.de

3. Kazuyoshi Baba

Showa University

kazuyoshi@dent.showa-u.ac.jp

Group Program Chair Report

Dan Nathanson

Dear members of the Prosthodontic
Research Group,

Continuing the tradition of recent
years the 2011 IADR Meeting in San
Diego has also enjoyed a relatively large
number of abstract submitted to our
group. This again necessitated the input
of 4 reviewers (vs. the traditional
number of 2). I'd like to express my
gratitude to Professors Wael Att, John
Bowley, Kenneth Kurtz, and Steve
Rosenstiel for their diligent and timely
reviews of the submissions. With a
rejection rate close to 6% the accepted
abstracts amounted to a total of 185
divided into 6 oral sessions (48
abstracts) and poster 9 sessions (137
abstracts).

Below is a detail of the various
Prosthodontic Research sessions at the
2011 San Diego meeting. Please note
that this year we have 2 Key Note
sessions, one on Thursday and the
other on Friday.

Oral Presentations

Wed 3-16-2011

1:30pm- 3:15pm: Frechette Award
Competition

3:15pm-4:45pm: Complete Dentures and Overdentures - Properties and Clinical Performance

Thu 3-17-2011

8:00am-9:30am Fatigue and Temperature effect on Properties of Contemporary Restorative Ceramics

10:45am-12:15pm Long term clinical outcome of prosthodontic treatment

*Session includes Key-Note presentation by Dr. A Jokstad:

“LONG TERM CLINICAL PERFORMANCE OF FIXED FDPs DEPENDS ON ALLOY SELECTION”

Fri 3-18-2011

8:00am-9:30am Performance Simulation and Physical Properties of Zirconia

10:45am-12:15pm: Clinical Topics in Prosthodontic Research

*Session includes KeyNote presentation by Dr. R. Ettinger:

“SHOULD IMPLANTS SUPPLANT TOOTH ROOTS IN MANDIBULAR OVERDENTURES?”

Sat 3-19-2011

8:00am-9:30am: Mechanical Properties and Performance of zirconia based restorations

10:45am-12:15pm: Evaluation of Treatment Methodologies for Restoring Pulpless Teeth

Poster and Poster Discussions Sessions arranged by topics:

- Clinical Topics in Prosthodontic Research (32)
- Removable Prosthodontics (41)
- Luting Cements (5)
- Dental Implants (23)
- Ceramics properties and performance (8)
- Restoration of Pulpless Teeth (10)
- CAD-CAM Technology (6)
- Properties of Prostheses (4)

- Prosthodontics Research (Poster Discussion) (8)

Respectfully,
Dan Nathanson

Counselor Report

IADR

Mark Thomason

The Presidents report Prof David Williams.

The president outlined the travel he had undertaken on behalf of the organization – he outlined some specific memorable visits – these included:

7th Global Conference and Oral Health as a Human right

In mid November the President represented the IADR at a meeting organized jointly by WHO and the United Nations Environment Program, to explore the issue of dental amalgam as a contributor to environmental mercury levels. With the increasing public concern about the impact of all sources that contribute to levels of mercury in the environment, it is clearly very important indeed for IADR to be involved in these discussions. This was the first stage in what is likely to become a significant program with the potential to impact on the way that dentistry is practiced.

Maria Fidela de Lima Navarro, President-elect (2010) outlined her visit to IADR Uruguayan Section - 26th Meeting of the Brazilian Division III Meeting of the Latin American Region VIII meeting of the Venezuelan Division - Visit to South Korea - Attendance to the AADR Divisional Meeting - II Annual Meeting of the Ecuadorian Section of the IADR - VII International Meeting of Editors and Authors

Treasurers Report

**This was the IADR Treasurer's
Annual Report for 2009
Finance Committee**

The IADR Finance Committee met in GHQ, Alexandria on the 11th October 2009 and the Joint Finance Committee of the IADR and AADR met on the 12th October 2009. There was also a teleconference on 6th August 2009 between the Executive Director, Finance Director and Treasurer.

Interim Audit Report

The Association's auditors, Drolet and Associates, in their draft report highlighted a significant internal control deficiency, though it is important to note that no evidence of impropriety was suggested. They observed that the Director of Finance has unlimited access to the Association's finance and membership database and recommended that the Director's access should be read-only. This change was due to be implemented as part of the next system upgrade available from the vendor in 2011. In fact, it was possible to restrict access to the database as of October 2009 and so the issue was resolved. The auditors were satisfied that issues raised previously have been addressed.

2009 Budget

The general outlook for 2009 suggests a surplus for the IADR of approximately \$142 k, which was greater than expected by \$73k. This was mainly due to a greater income than predicted from the Miami Annual Session, a surplus from the WCPD and a reduction in Global Headquarters staff and overhead costs. However, they predict a deficit of \$112 k for 2010, a positive balance of \$45 k for 2011 and a loss of \$80 k for 2012. A good deal of the deficits in 2010 and 2012 are due to higher costs associated with those annual sessions and conservative assumptions regarding attendance and membership because of the global

economic downturn. In order to reduce costs further, the Finance committee suggested one fewer Board meeting per year for the next two years.

According to third quarter results, overall membership may have stabilized for 2009, running at -3.9% compared to the end of 2008. Within the global membership, however, numbers in the NAR, PER and PAPER have declined, while growth is occurring in the LAR (24.7%) and the AMER (5.4%). If this trend continues, there will be a significant long term impact on revenue from membership and also strain on the tiered dues support. The latter is projected to reach its planned ceiling of \$100,000 in 2011. In order to mitigate this situation, the Finance Committee decided that as of 2012, the tier 2 and 3 dues would be pegged at 50% and 40%, respectively, of the tier 1 annual dues.

The Finance Committee approved a change in the financial and investment objectives of the Asset and Quasi-Endowment Fund that would allow a spending of up to 2% of the Fund over a rolling twelve quarter period. This means the Association could spend less than 2% of the fund if, for example, it wasn't needed at the time or there was a requirement to reduce spending ahead of a predicted future shortfall. Spending has been within this cumulative 2% guideline to date, but is projected to exceed the limit in 2010. The Board will need to decide what level of overspend is tolerable and for how long.

The value of the Asset and Quasi-Endowment Fund stood at \$8,042,829 at the beginning of 2008 and decreased to \$5,612,749 by the end of the year, due to the general decline in equities. The markets rallied somewhat during 2009 and so the Fund was valued at \$6,676,593 as of 9/30/2009. Our investment advisors, Cambridge Associates, expect the recovery to continue, though at a slower pace. As

part of the maintenance of the Fund, the Association this year completed the switch of one of its US Equity funds and one of its Global Equity funds to new managers. The Finance Committee approved a redistribution of the Fund from 45% to 40% US Equities, with a corresponding increase in Global ex-US equities. This brings the IADR into line with the strategy of AADR. It was also agreed to switch 60% of the bond portfolio (15% of total assets) to higher grade bonds as a hedge against future contraction. Together, these actions aim to realize 5% long term real growth of the Fund. The reserve function of the Fund is to support at least one year's operating costs, and Board members are to be informed if it drops below this level. In the event the Fund falls below 50% of annual operating costs, then corrective measures will be taken to protect the balance.

In 2009 Sage Publishing, Inc. began publishing *The Journal of Dental Research (JDR)*, though the Association retains editorial responsibility and manages submissions. All revenue (subscriptions, advertising, etc) now goes to Sage and the Association receives a royalty based on the income generated by the JDR. A contribution towards editorial costs is also provided by the publisher. The current year is one of transition and not the basis to judge future revenue from publishing JDR—in addition there was the cost associated with filling the position of Editor-in-Chief. To achieve the goal of \$200,000 per year net income from the *Journal* will necessitate control over expenses and an expansion of advertising and subscription revenue. A working group is examining the feasibility of generating high-quality 'daughter journals' from the JDR, but there has not yet been detailed financial planning of this development.

Medium to long term outlook

There are several financial trends

that affect the IADR and need to be considered. For example, it is estimated that general operations will cost approximately 20% more than general revenue in 2010 and 2011, reducing to about 10% in 2012 as new membership dues increases kick in. Historically, the Annual Sessions could be counted on to bridge this gap and provide a surplus, but recently this is not the case. The Association has committed itself to a policy of increased regionalisation, which may result in larger regional scientific meetings which attract delegates and sponsorship that might otherwise accrue to the Annual Session. At the same time, most of the increase in our membership is coming from regions paying tiers 2&3 dues, and so this is yielding lower marginal income for IADR.

The net effect of these conditions will be deficit spending to be financed from the reserve Fund. If accurate and persistent, these trends will not be sustainable financially for the Association.

Recommendations

1. The IADR's goals and strategy for management of the Asset Fund are currently meeting the Association's needs, but should be continually reviewed with our financial advisors.
2. On the spending side, the Association should stay within the existing 2% limit (rolling value over 12 Q) in order to maintain the long term health of the Asset Fund.
3. The Finance Committee recommended that by 2014, the operating costs of IADR should be covered by regular (non-meeting) income. This should be achieved by a combination of spending adjustments and dues increases. It will allow greater flexibility with regard to meetings and regionalisation.
4. The future format of the Association's Annual Session is currently being

considered by the Board. Clarity of this issue would assist sound financial planning of future meetings.

5. The financial strategy for regionalisation should be fully considered by the Board, including risks and benefits to GHQ of more regional meetings. The concept of Annual Session dividends should be considered as part of any changes.

6. Once the new Editor-in-Chief of the *Journal* is in place, a financial analysis of spin-off journals should be undertaken.

Report of Editor of the *Journal of Dental Research*

Anthony (Tony) Smith, Editor (2010)
Anthony J. Smith, Editor (2010) – Annual Report 2009

This will be the last annual report from Tony Smith as Editor of the *Journal of Dental Research*. The *JDR* has seen many changes since its inception in 1919, but a common feature has been the passion for the highest standards of dissemination of dental research on the part of both the authors and the *Journal's* editorial and production teams. Despite the drive from journals and authors for impact throughout all scientific fields, the need for robust and rigorous reporting of research to provide a foundation for further research is of paramount importance as well. High standards in the production process also contribute to the dissemination of research and its clarity of presentation. We have been fortunate with the *JDR* in having invaluable contributions to the production of the *Journal* over the last thirty years from Linda Hemphill as Director of Publications for the Associations. Many authors have been grateful for her excellent copy editing of their articles and her leadership of the team in the Publications Department at Global HQ has been important to the development of the *Journal*. Her

encyclopaedic knowledge of the Associations, their members and activities is unequalled and will be sorely missed when she retires in December 2009.

Since January 2009, the *Journal* has been produced by SAGE Publications, Inc. following the decision by the IADR and AADR Boards of Directors to outsource the *Journal's* production to a commercial publisher. In 2009, articles have continued to be copy edited and checked by Linda Hemphill with other production aspects being undertaken by SAGE. From the January 2010 issue of the *JDR* onwards, all aspects of the production process will be overseen by SAGE although the present arrangements for editorial review and manuscript handling up to acceptance of articles will continue. While there has been some slippage in the production schedule for the *Journal* this year, the transition of an entire production process is a very significant undertaking and ensuring that it is completely seamless with a monthly publication is a challenge. We are grateful to the staff at SAGE in trying to overcome the various issues during this transition and we hope that the normal publication schedule will be shortly on target again. The first articles are now appearing on Online First where forthcoming articles are published online before they are scheduled to appear in print, which will be one of the anticipated benefits of the move of production of the *Journal* to SAGE.

The *Journal* continues its tradition of publishing many of the most important research articles in dentistry. Thomson Reuters has introduced a broader range of metrics for reporting of journal impact and influence and this year has included a five year impact factor as well as the Eigen Factor to provide researchers with a deeper understanding of the citation activities of journals. The

traditional two year impact factor for the *JDR* is 3.142 and the five year impact factor is 3.966 this year. The latter metric provides some smoothing of the peaks and troughs that are seen in impact factors for many journals in the shorter term. The total number of citations for journals in a more specialist field, such as dentistry, is considerably less than for journals with much broader areas of coverage and thus, relatively small fluctuations in numbers of citations can have marked impact. This is especially true for the contribution of the journal's self cites to its impact factor and in the case of the *JDR*, these accounted for 6% of the *Journal's* citations, although this figure was considerably higher for some other journals in the sector. To help researchers understand a journal's citation influence and prestige, the Eigen factor provides a five-year metric that considers scholarly literature as a network of journal-to-journal relationships and uses powerful algorithms to derive the metric. The *Journal* has the highest Eigen factor of the dentistry journals (0.02325). As alluded to in previous reports, impact factors are relatively crude metrics and the introduction of more robust metrics, such as the Eigen factor, is to be welcomed.

The *Journal* continues to receive a high number of manuscript submissions with nearly 500 new submissions (through November 1), which have originated from throughout the world (Figure 1). The overall acceptance rate in 2008 has been approximately 25% reflecting the intense competition for publication in the *Journal*. Increasingly, many countries are encouraging their researchers to publish in the highest impact journals and we welcome high quality, definitive reports which provide a definitive stance on a topic especially where mechanistic comment and cause

and effect relationships are described. More descriptive reports tend to carry lower scientific priority for publication in the light of the strong competition for space in the *Journal*. I have continued to provide manuscript preparation workshops at IADR/AADR meetings and at various other meetings and universities around the world to support authors. The editorial team is always pleased to discuss ways in which we can support authors in disseminating their research.

Executive Director Chris Fox – outlined a “Couple of highlights”

Membership – slight dip in membership – 10,900 less 3.5%. This reversed and now 12,000 members probably pushed by this meeting – some regions expanding quickly esp in Latin America (esp Brazil)

Publications – Transition to working with Sage – Now some new staff responsibility at Central Office – Submission system and Editor in Chief transitioned

Meetings – Last in Miami – 5,000 attendees – much better than expected giving a better income than expected – great Distinguished Lecturer Series – lots of regional meetings and world congress on Dental Prevention and the paper for this is up on line. This meeting has exceeded expectations and now 6200 registered rather than the predicted 4,500. 3 Great Distinguished speakers - see list

External relations – FDI WHO and ongoing initiatives – Expecting greater financial success

There were a series of Regional Board Member Reports

Jukka Meurman, Regional Board Member – European Region (2010)

Ana Maria Acevedo regional board member latin america region 2008-2011

Brian Clarkson – Regional Board

Member, North American Region (2011)
Paul D. Brandt, Regional Board Member
– Africa/Middle East Region (2012)
Wendell Evans, Faculty of Dentistry,
University of Sydney, Australia 1.

General Discussion regarding Scientific Group Symposia

Discussion:

1. Should it remain the primary responsibility of the scientific groups to fund the meeting registration fees for invited speakers?
 - a. If yes, should the member rate (or other lower rate) be extended to speakers who are outside our traditional fields?
 - b. If no, what is the primary function of the Scientific Group membership dues?
2. If only non-members are eligible for complimentary registration, that will create a disincentive for membership. How to ensure that the individuals are truly from outside the field?
3. How can IADR continue to encourage inviting speakers from outside our traditional fields, while recognizing the talent and expertise of our current 11,800+ members?

There is a relatively lenient policy for allowing the Groups to have these charges waived. There was a wish not to stand in the way of external speakers – This was not a vote but rather a discussion – the Board will reflect on the Flexible way it is currently handled

IADR Scientific Group Structure

General discussion. Should the IADR Dues Include One Scientific Group?
– Issue being put on the table to get broader feedback from Groups
60% of members do not join a single group – this is higher in the tier 3 and 2 groups. If we knew where their alliance lay would it help with programming etc.

Other question was if yes to membership including one group – should members be able to pay to join a further group? There was a Positive discussion to increase awareness of groups and acceptance that it really was an awareness problem – there may be future proposals to change group structure

Report of independent auditor – High spots

- 1 2008 unqualified opinion from Auditors
- 2 Assets – fall in assets most from \$8 to 5.6 Million.
- 3 Portfolio dropped by \$2.7 million
- 4 Revenues increased in 2007-8 which reflects a bigger meeting in Toronto than New Orleans – the costs increased by a similar amount.

Budget approval:

1. \$68,000 profit was predicted for 2009 but actually rose to \$240,000 mainly due to the Miami meeting.
 2. For 2010, it was predicted a deficit of \$108,000, but in fact it may be a surplus of \$300,000.
 3. Small deficits of around \$50,000 – 80,000 is predicted for 2011 and 2012
- Meetings Miami and Barcelona better than expected – San Diego should be OK but there is a proposed deficit for Brazil. General operating costs – bounces around a little with a gentle predicted rise – Headquarters costs are around 2.5 million

JDR – income expected to drop off as the Sign on Bonus from Sage finishes 2009 – If Sage sell more of the Journal though there could be an increase in the income stream – which can be used for strategic initiatives.
Dues increases – try to balance by 2014 so not reliant on meeting income will take Tier 3 to \$120 (from \$90 this year)

Tier 1 \$48 by 2012 (from \$40) (Students will go to 35)

Portfolio – similar to rest of world dropped 33% from 8,000,000 - but now back to almost 7,000,000 – we were 7% above median performance of market – this fund is a contingency fund for the society and supports the operating budget – looking for a 5% real return on the investment and up to 2% can be spent each year – eg regional development program – tiered dues etc

Advice from advisors – don't try and guess the market but to hold course – this is currently working – the portfolio is frequently rebalanced and this continues to be successful Strategy has been prudent and no dramatic changes are planned

Frechette Awards Steve Rosenstiel

The winners of the 2010 Frechette Awards were presented at the International Association for Dental Research annual meeting in Barcelona, Spain. The Frechette is the annual research competition for new investigators sponsored by the Prosthodontics 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. Robert L. Smith**, Nova Southeastern University, Fort Lauderdale, FL, USA, for his study entitled “**Long-Term Microtensile Bond Strength of Surface Modified Zirconia**” and **Dr. Takao Watamoto**, Osaka University Graduate School of Dentistry, Suita, Japan for his study entitled “**Antifungal resistance gene expressions in various lifestyles of Candida albicans**”.



The individuals pictured are (left-to-right) Dr. Takeshi Ueno, University of California Los Angeles, Los Angeles, Calif, Frechette Award Finalist; Dr. Yung-Chung Chen, Minnesota Dental Research Center for Biomaterials & Biomechanics, Minneapolis, Minn, Frechette Award Finalist; Dr. Asbjørn Jokstad, President IADR Prosthodontics Group; Dr. Robert L. Smith, Frechette Award Winner; Sr. Alfonso Pérez, Dentalite SA, representing Whip Mix Corp; Dr. Takao Watamoto, Frechette Award Winner; Dr. Kei Tomoeda, Kyushu Dental College, Kitakyushu City, Japan, Frechette Award Finalist; and Dr. Stephen F. Rosenstiel, Frechette Coordinator IADR Prosthodontics Group. Not pictured, Dr. Leandro M. Martins, Bauru School of Dentistry - University of São Paulo, Bauru, Brazil, Frechette Award Finalist. In addition to the plaques Drs. Smith and Watamoto each received a check for \$1000 thanks to the generous support of the Whip Mix Corporation.

The six finalists for the 2011 Frechette will present on Wednesday, March 16, 2011: 1:30 p.m. - 3 p.m. Location: Room 31C (San Diego Convention Center)

1. L. JIN Stomatology Dept, Nanjing General Hospital of Nanjing Military Command, Nanjing, Jiangsu, China, Property Study of Nano-zirconia

Formed by Aqueous Electrophoretic Deposition.

2. V.A.R. BARÃO Dental Materials and Prosthodontics, Universidade Est. Paulista Julio Mesquita, Araçatuba, Brazil, How Does Lipopolysaccharide Influence the Tribocorrosive Behavior of Titanium.

3.J. HJERPPE Department of Biomaterials Science, University of Turku, Helsinki, Finland, Fatigue and Reliability of One-piece Y-TZP Implants After Aging.

4. S. FUKUYASU Graduate School of Dentistry, Osaka University, Suita-city, Osaka, Japan, Cell-Based Double-Screening Method to Identify Reliable Candidate for Osteogenesis-Targeting Compounds.

5. H. KAYASHIMA Graduate School of Dentistry, Osaka University, Suita-City, Osaka, Japan, Enhanced Osteogenesis of Gingival Fibroblast-Derived iPS Cells by Small Molecules.

6. R. KODALI KANURU University of California - Los Angeles, Los Angeles, CA, Pre-Osseointegrated Implant Using Cell Sheet Technology.

The two winners will be announced at the Prosthodontics Group Business Meeting.

IADR Pre-Prosthetic Regenerative Science (PRS) Award Report
Keiichi Sasaki

Pre-Prosthetic Regenerative Science Award for Young Investigators was established in 2007 under the leadership of Dr. Takahiro Ogawa, the current President of Prosthodontics Group. The award recognizes original research by new investigators in the multidisciplinary field of pre-prosthetic or prosthodontics-related regenerative science, including tissue engineering, bone, tooth and soft-

tissue regenerative sciences, graft materials research, maxillofacial reconstructive biology and physiology and implant biological research. The awards are co-sponsored by the IADR Prosthodontics Group and Japan Prosthodontic Society. The abstracts must be submitted to the Prosthodontics Group Poster Session, and the selected finalists will be asked to submit a 5-page extended abstract to complete. Awards will be presented during the annual business meeting of the group during the IADR General Session. See the detail at <http://www.dentalresearch.org/awards/prprost.html>

The 2010 First Place Winner was awarded to Dr. Sho Fukuyasu at Osaka University, Japan, for his study entitled "Dual Function of Small-Molecule Compound Harmine on Osteogenesis and Osteoclastogenesis". The Second Place Award went to Dr. Mizuho Sasaki at Health Sciences University of Hokkaido, Japan, for her work on "Mastication Accelerates Rehabilitation of Brain Function after Cerebral Infarction".

For 2011 San Diego Meeting, 3 finalists have been selected. The first and second place winners will be announced in the Prosthodontic Group Business Meeting on Thursday 5 PM March 17th.

IADR PG Student Research Fellowship
Wael Att

The 2010 IADR Prosthodontics Group Research Fellowship, presented for the first time at the IADR General Session in Barcelona, Spain, proved to

be an outstanding success and demonstrated high interest in this fellowship. Fourteen high-quality research proposals from different categories related to prosthodontics were submitted and considered for the fellowship. The abstracts were judged and rated by 5 reviewers with renowned research expertise for novelty, originality, multidisciplinary nature and scientific value. The quality of the submitted proposals was based on their score. Final selection was for the proposal with the highest score provided by all reviewers. The quality of the submitted proposals was based on their score. Final selection was for the proposal with the highest score provided by the reviewers. The 2010 fellowship recipient is Dr. Hiroki Kayashima, Department of Fixed Prosthodontics Osaka University, Graduate School of Dentistry for the work entitled "Application of Gingival Fibroblast-derived Induced Pluripotent Stem (iPS) Cells to Bone Tissue Engineering". Dr. Kayashima will present the results of his research at an annual IADR meeting within two years of receiving the fellowship. The fellowship is co-sponsored by the IADR Prosthodontics Group and Vita Zahnfabrik, and consists of a cash prize of \$3,000.00 + travel funds up to \$1500.00, with the funds being used to support direct costs for the research and travel/accommodations to present at the IADR General Session & Exhibition.

I would like express my sincere thanks to all reviewers for accepting the time-consuming task of reviewing multiple research and doing an outstanding work in the assessment and grading of the submissions. In addition, I would like to thank all fellowship applicants for the outstanding proposals they submitted and encourage them to maintain such a unique level of research. For the 2011 competition, several applications have been considered

based on their proposals. The winner of the 2011 IADR Prosthodontics Group Research Student Fellowship will be announced at the Prosthodontics Group Business meeting during the IADR General Session in San Diego.



The individuals pictured are (left-to-right) Dr. Asbjorn Jokstad, President IADR Prosthodontics Group, Dr. Hiroki Kayashima, 2010 Fellowship Recipient, Osaka University, Dr. Wael Att, Committee Chair, IADR Prosthodontics Group Student Research Fellowship

**Annual Financial Report (2010)
Secretary-Treasurer Report
*Cortino Sukotjo***

As of December 2010, Central Office indicates 547 members (IADR member: 190, IADR student member 208, AADR member 77 and AADR student member 68, ALIFE member 2 and ACOMPANY 1).

Prosthodontics groups hosted 2 symposiums during the Miami meeting:
1. **Critical Issues for Reconciling Disparities and Enhancing the Validity of Systematic Reviews**

Sponsored by: Evidence-based Dentistry Network, Implantology Research, Prosthodontics Research
 Organizer(s): Asbjorn Jokstad, University of Toronto, Toronto, Canada

2. Functionalized Biomaterials for Prosthetic and Reconstructive Dentistry

Sponsored by: Dental Materials, Implantology Research, Mineralized Tissue, Periodontal Research, Prosthodontics Research
 Organizer(s): Takahiro Ogawa, University of California - Los Angeles, Los Angeles, USA

The group remains in strong financial position with a current balance of approximately \$39,764.56 at the end of Calendar year. I would like to express our gratitude to Whip Mix corporation who has continued to support the Frechette Award Competition with its \$1000 grant. We would like to thank Japanese Prosthodontic society for its \$1000 grant to support Pre-Prosthetic Regenerative Sciences Award, Vita for its \$3000 grant to support PG Student Research Fellowship and Panasonic for its \$8000 donation to support Prosthodontic-Implant group joint reception. Finally, we also like to thank Implantology group for their continuous support to have joint group reception with us.

Financial Report for calendar year of 2010

Balance as of 12/31/09 \$34,166.49
 Amount of annual dues per member \$18 (\$14 for the subgroup)

Income

| | |
|------------------------------|------------|
| Dues | \$3,763.00 |
| Whip Mix | \$1,000 |
| Japan Prosthodontics Society | \$1,000 |
| Panasonic | \$8,000 |
| Vita | \$3,000 |

| | |
|--------------------------------|--------------------|
| Total Income | \$16,763.00 |
| Expenditure | |
| Frechette Award | \$2,000.00 |
| Regenerative Science Award | \$1,800.00 |
| PG Student Research Fellowship | \$3,000.00 |
| Barcelona F and B | \$4164.93 |
| Other | \$200.00 |
| Total expenditure | \$11,164.93 |
| Balance as of 12/31/10 | \$39,764.56 |