



ACADEMY OF DENTAL MATERIALS NEWSLETTER

www.academydentalmaterials.org

Álvaro Della Bona, Secretary ADM

November, 2006

Message from the President

Thank you for having entrusted me with this responsibility. I will do my best to maintain the same level service offered by our former Presidents. I am grateful to have had an opportunity to watch and learn from Jim Drummond, Susanne Scherrer, and Dorin Ruse as they served in this role.

We just returned from the annual ADM meeting in São Paulo, Brazil. The meeting was a scientific and financial success. It was one of our largest ever with over 240 participants! My thanks to our speakers for their interesting presentations on “**Adhesion, Ceramics, and Bleaching – A Critical Evaluation.**” The success of our meeting was due to careful planning and hard work on the part of the local organizing committee: **Carlos Francci, Paulo Cesar, Josete Meira, Roberto Braga, and Walter Miranda.** At the business meeting, the Paffenbarger award was given to **Marcelo Pinto** for his poster presentation "Influence of the pH on the Stress Corrosion Coefficient of Dental Porcelains". Marcelo received a commemorative plaque and a \$500 cash award along with a free registration for next year's meeting in Fort Lauderdale, Florida. Transactions of this meeting are still available for purchase (\$25 per copy), and requests including check or credit card information should be forwarded to:

Academy of Dental Materials
21 Grouse Terrace
Lake Oswego, OR 97035, USA
Fax: +1-503-675-2738
E-mail: admtreas@comcast.net

Our next annual meeting will be in **Fort Lauderdale on October 22-24, 2007** with a theme of **Tissue Engineering Scaffolds** as you

can see from the flyer included in this newsletter. We will keep our usual format of three half-days, which allows attendees to enjoy the local beaches and tourist attractions during the free afternoons. The annual meetings of the Academy are characterized by their "family" size and unrushed program in comparison with the IADR. They provide an excellent opportunity to meet and get acquainted with many world-class leaders in dental materials, most of whom are members of the Academy. I encourage all new members and student members to participate in such annual events. Meeting information will be posted on the web site following the board meeting at the IADR in New Orleans.

I wish you all good health and success in the upcoming New Year.

Jason A. Griggs
President, ADM (2006-2008)

Message from the Past President

Dear ADM Members,

It seems like yesterday that I wrote my incoming President message to you! The last two years have seen the Academy maintaining a healthy membership and financial situation; our official journal, *Dental Materials*, has reached an impact factor of 2.057, has increased its circulation to 12 issues/year, and has implemented an on-line submission and review process; the last two meetings of the Academy, in Lake Louise and Sao Paulo, were successful by all accounts; the Board has been extremely active and involved. It is with confidence that I pass the baton to Dr. Jason Griggs who in fact has taken over the duties of President in Sao Paulo. I will continue to do my best in serving the Academy in my position of Past President. I would like to thank

the Board for their hard and diligent work and the members of the Academy for having allowed me to serve you as President for the last two years.

Before ending my remarks, I would like to urge all of you involved in dental materials not to allow our discipline to be marginalized.

I would like to take this opportunity to wish you and your loved ones a Happy Holiday Season and a Happy New Year with good health, joy, prosperity, and fulfillments.

N. Dorin Ruse (dorin@interchange.ubc.ca)

Academy Membership Renewal Notices

Membership renewal notices were mailed earlier this month. There will be no changes in the renewal membership dues for 2007. **Fellows:** Please mark the box on the renewal notice to indicate your status. **Students:** Elsevier has agreed to give a free copy of Introduction to Dental Materials by Richard Van Noort to all student members who renew their memberships for 2007.

Fellowships and Awards

Fellowships

This year two members have been elevated to Fellowship status. These are Roland Frankenberger and Matthias Kern.

Roland Frankeberger graduated from the University of Erlangen Dental School and later joined the Department of Operative Dentistry and Periodontology at the University of Erlangen. For his thesis entitled 'Durability of resin-dentin bonds in vitro and in vivo,' he was awarded the German Miller Award, the highest scientific award in dentistry in Germany. He has published extensively and is well known for his work on dentin bonding, durability and the fatigue of dental restorations and interfaces.

Matthias Kern is a long-standing member of this Academy and has made significant contributions in adhesive cements, dental ceramics, and post & core fiber-reinforced restorations. He is currently Professor and

Chairman of the Department of Prosthodontics, Propaedeutics and Dental Materials at the Christian-Albrechts University at Kiel, Germany. His publication list is extensive.

If you **wish to be considered for Fellowship** of this Academy then in the first instance you should consider the criteria for Fellowship as stated below:

Fellows shall be active Members who have attained a high level of achievement in the field of dental materials research. Those Members who are recognized to have advanced dental materials research shall be considered for Fellowship by the Fellowship and Awards Committee. Members awarded Fellowship status shall be inducted into Fellowship at the next annual meeting. Fellows maintain the same rights, privileges, and responsibilities of Members.

Specific **guidelines** for Fellowship status are:

- Achievement of advanced degrees: at least a master's degree and preferably a Ph.D., Odont Dr., or equivalent degree;
- Evidence of contribution: publication of at least ten (10), peer-reviewed, scientific articles in refereed journals. The candidate should be first author on one-half of the articles; and
- Longevity of commitment to the field: at least five (5) years of leadership through research, training, service and/or education beyond formal education.

If you are interested in becoming a Fellow of this Academy then please submit a *curriculum vitae* and letters of recommendation from a minimum of two Fellows of the Academy to:

Richard V Curtis, King's College London
Email: Richard.curtis@kcl.ac.uk

Student Awards

The Academy continues to provide the Annual Student Award in Dental Materials to dental schools throughout the world. The students are presented with a stylish plaque with their details engraved and this is often done at awards evenings and prize giving ceremonies held

locally. The designated contact at each dental school should send the completed form, which can be obtained online, direct to:

Richard V Curtis, King's College London
Email: Richard.curtis@kcl.ac.uk

For further information on this award please see the Academy website or email Dr Curtis at the address given above.

Founder's Award

Congratulations to **Steve Bayne**! He is the recipient of the Evan Greener/Founder's Award. The Founder's Award was established to honor Dr. Evan H. Greener for his contributions to the Academy during its early years and for mentoring students who also went on to serve the Academy. Bayne was the 5th member to join the ADM, and like Greener, he was instrumental in bringing growth and notoriety to our organization in the early years. Bayne will receive \$1000 to defray the cost of traveling to the next ADM meeting, where he will be presented with the award. Look for a detailed description of his service to the Academy in an upcoming issue of *Dental Materials*.

Nominations of future awardees should be sent to the current ADM President.

Journal News

Downloading of articles in PDF format from *Dental Materials* is now growing exponentially. The complete set of all issues of the journal are now available on *Science Direct*, and Academy members receive a password for access to *Science Direct* as part of their membership.

With the January 2007 issue of the journal you will notice the addition of a subtitle: "... *Journal for Oral and Craniofacial Biomaterials Sciences*." This specific wording was suggested by our immediate Past-President, Dorin Ruse, and was agreed after careful discussion at Editorial and Academy Board meetings. We retain all the existing emphases and coverage of scientific themes of *Dental Materials*, as explained in a previous editorial (January 2004). However, the subtitle is intended to highlight the

contemporary scope and depth of this research field, especially to our colleagues in different areas of dental science, who sometimes have a limited understanding of our field. Moreover, we aim to attract notice from online researchers using popular search terms such as *biomaterials* and *craniofacial*.

David Watts, *Dental Materials* Editor

Future Meetings

Please reserve the following dates on your calendar. We enjoyed a splendid meeting in São Paulo this year and look forward to the upcoming meetings in Florida and Germany. Your questions, suggestions, and offers to help are welcomed.

2007

Fort Lauderdale, Florida
October 22-24

Contact: Jason A. Griggs
JGriggs@bcd.tamhsc.edu

2008

Wuerzburg, Germany
October 2-4

Contact: Norbert Hofmann
norbert.hofmann@mail.uni-wuerzburg.de

Activating access to Dental Materials

Dental Materials has switched to electronic submission.

To activate access and to create your personal account, you will need your Elsevier Customer Reference Number. Your Customer Reference Number can be found on the mailing label of the paper issue of *Dental Materials*. The Customer Reference Number has to be entered at:

URL: <https://cs.sciencedirect.com/activate/dema/members>

After entering, click on "**submit**". The next step is completing a user profile. You will be asked to fill out a form and choose a password. A username will be assigned. Both username and password will be case sensitive. After registration you can directly login with your new username and password.

In the future you can go straight to:

<https://www.sciencedirect.com/dema> and enter your personal username and password in the login bar on the top of the page.

If you encounter any problems registering, please note that older browsers may not support SSL encryption, which is required for secure data transmission. Also, cookies must be enabled in your browser to support the registration process.

Should you require any assistance, please do not hesitate to contact the closest Customer Support department as follows:

Customers in **North, Central, and South America** should contact:

Telephone: 1-888-615-4500
(+1 212-462-1978 if calling from outside the USA and Canada)
Fax: +1 212-633-3680
E-mail:

usinfo@sciencedirect.com

Customers in **Asia Pacific** including **Australia** (except Japan) should contact:

Telephone: +65 434 3727
Fax: +65 337 2230
Email: sginfo@sciencedirect.com

Customers in **Europe, The Middle East and Africa** should contact:

Telephone: +31 20 485 3767
Fax: +31 20 485 3432
E-mail:

nlinfo@sciencedirect.com

Customers in **Japan** should contact:

Telephone: +81 3-5561-5034
Fax: +81 3-5561-5047
E-mail: jp.dls@elsevier.com

Executive Committee of the Academy

President (2006-2008): Jason A. Griggs
JGriggs@bcd.tamhsc.edu

Vice-President (2006-2008): Marco Ferrari
md3972@mclink.it

Secretary (2006-2008): Alvaro Della Bona
dbona@upf.br

Treasurer (2004-2008): Tom Hilton
hiltont@ohsu.edu

Past President (2006-2008): N. Dorin Ruse
dorin@interchange.ubc.ca

Members-At-Large:

Lorenzo Breschi (2006-2010)
lbreschi@units.it

Sharukh Khajotia (2004-2008)
sharukh-khajotia@ouhsc.edu

Jeffrey Thompson (2004-2008)
jeffrey.thompson@utsa.edu

Isabelle Denry (2004-2008)
denry.1@osu.edu

Carlos Francci (2004-2008)
francci@usp.br

Norbert Hofmann (2004-2008)
norbert.hofmann@mail.uni-wuerzburg.de

Transactions Editor: Lawrence Mair
l.h.mair@liverpool.ac.uk

Paffenbarger Award: Burak Taskonak
btaskona@iupui.edu

Corporate Liason: Norbert Hofmann
norbert.hofmann@mail.uni-wuerzburg.de

Membership & Webmaster: Paulo F. Cesar
paulofc@usp.br

Fellowship & Student Awards: Richard Curtis
richard.curtis@kcl.ac.uk

Dental Materials:

Editor: David Watts
david.watts@man.ac.uk

Associate Editor: Ron Sakaguchi
sakaguch@ohsu.edu

The current Corporate members are

3M ESPE

'GC'

Kerr
SYBRON DENTAL SPECIALTIES

Treasurer's Report Newsletter Items – Nov, 2006

Membership Numbers: 2006: 366; 2005: 327; 2004: 326.

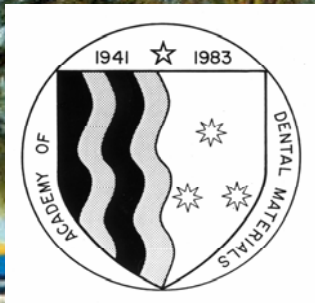
Brazil Meeting Registrations: Total: 246.

Corporate Sponsors: The Treasurer/accountant's office was asked to verify if all companies who had their logos published in the journal were current corporate members of the Academy. Our audit revealed no paid-up corporate members of the Academy, nor did we find any corporate members listed on the records we received from the previous accounting firm. Dorin Ruse wrote letters to those companies and several others, inviting them to become corporate members. Three companies responded in the affirmative, and are current, paid-up corporate members: GC Dental, 3M/ESPE, and Kerr.

Total cash balance YTD: 2006: \$309,692; 2005: \$283,109. The Income/expense summary for the Academy in the past year is included in the following table:

	October 31, 2005 – Oct 17, 2006
Income/Expense	US \$
<i>Income</i>	
Interest Income	2,189.31
Meeting Lake Louise	16,050.00
Membership Dues-2006	57,761.00
Settlements (One-time payment to the Academy from the Journal editorial office after Elsevier remitted back payments for journal production increases)	18,375.30
Total Income	94,375.61
<i>Expenses</i>	
Accountants	6,000.00
Awards	770.45
BANK CHARGES	88.51
Bankcard Discover	3.76
BANKCARD MC/VS	2,087.90
Legal Fees	168.00
Meeting-Ft.Lauderdale	3,000.00
Meeting-Lake Louise	17,676.03
Meeting-Orlando	183.72
Office Supplies	4.69
Other Expenses	1,035.96
Paffenbarger Award	500.00
Printing & Stationary	130.40
Printing Journal	*59,899.78
Professional Fees	12,000.00
Taxes & Licenses	120.00
Telephone & Faxes	772.68
VISA/Bank Charges	25.00
Web Site	199.44
Total Expense	104,666.32
Net Ordinary Income	-10,290.71
<i>Other Income/Expense</i>	
Other Income	
Meeting-Brazil	38,760.00
Royalties	19,049.00
Total Other Income	57,809.00
Total Expense	
Meeting-Brazil	20,676.06
Total Other Expense	20,676.06
Net Other Income	37,132.94
Net Income	26,842.23

*This represents two years of fees paid to Elsevier for member subscriptions. Payment to Elsevier for 2005 was delayed while we investigated some sales tax ramifications. Under normal circumstances, that annual income/expense item would be approximately half this amount.



2007 Annual Meeting ACADEMY OF DENTAL MATERIALS

www.academydentalmaterials.com

"Tissue Engineering Scaffolds"

Date and Venue:

OCTOBER 22ND TO 24TH, 2007

Lago Mar Resort and Club
1700 South Ocean Lane
Fort Lauderdale, FL
33316 USA

Phone: 1-965-523-6511 Fax: 1-954-524-6627

E-mail: reservations@lagomar.com

<http://www.lagomar.com>

Learn about the
latest in dental
materials
science...

**Fort
Lauderdale
Florida**

Abstract Submission Deadline: July 1, 2007

Scientific Program:

OCT 22ND, 08:00-12:30

Cell attachment to self-assembled monolayers

- Paul Ducheyne
(University of Pennsylvania)

**Nano-apatite scaffolds: injectability, protein release,
and cell seeding**

- Hockin Xu
(ADA Paffenbarger Research Center)

OCT 23RD, 08:00-12:30

Robocasting of dental implant coatings

- Antoni P. Tomsia
(Lawrence Livermore National Laboratory)

Electrospinning of scaffolding materials

- Gary L. Bowlin
(Virginia Commonwealth University)

OCT 24TH, 08:00-12:30

Micro-CT of tissue scaffolds

- Scott J. Hollister
(University of Michigan)

Finite element modeling of tissue scaffolds

- Michael Liebschner
(Rice University)

POSTER PRESENTATIONS:

The **Paffenbarger Award** is presented to the most outstanding student presentation at the annual meeting of the Academy of Dental Materials.

FORT
... and enjoy a beachfront paradise
LAUDERDALE

For Information Contact:

- Dr. Jason A. Griggs (JGriggs@bcd.tamhsc.edu)
Phone: 1-214-370-7008