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ACADEMY OF DENTAL MATERIALS

Academy of Dental Materials
Northwestern University Dental School
311 E. Chicago Ave., Rm. 10-019
Chicago, IL 60611 USA



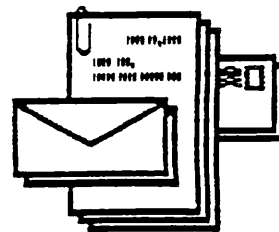
ADM NEWSLETTER

Volume 2, Number 1

October, 1987

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President's Report This is my first message to you as your President for 1987-89. I am pleased to take on this responsibility and look forward to the continued growth of the Academy and its programs. This is an exciting period and the Academy faces many opportunities including significant monetary and space problems with the journal, a large number of meetings for 1988 and 1989, the first effort to publish abstracts for papers presented at meetings, increased member services such as the directory and the first competition for the Paffenbarger Award.

Discussions are ongoing with Munksgaard about methods to limit their price increases to us and to expand the journal. Their price increase far exceeds inflation and the success of the journal has led to a considerable excess of papers awaiting publication. We are also investigating publication with other publishers and considering joint sponsorship of a journal with AADR. Our editor, Frank Young, continues to do an excellent job with all aspects of the journal. I believe we are all pleased by the quality and layout of **Dental Materials**.

Our next meeting will be the annual business meeting and scientific session, "*Creep in Dental Materials*", February 18-19, 1988, in Chicago, with Evan Greener and Thijs Vrijhoef as Program Chairs. This will be followed by a meeting June 22-24, 1988 in Jerusalem, Israel with Rafael Grajower as Program Chair. John Tesk is organizing an in depth scientific session on various modern analytical instruments to be held at and jointly sponsored by the National Bureau of Standards, October 6-8, 1988. For 1989 we again have three meetings planned, the Annual Meeting in Chicago in February, a joint meeting with IADR/DMG preceding the IADR meeting in Dublin, Ireland, in June, and a joint meeting with the Japanese Society for Dental Materials and Devices, in November, 1989, in Honolulu at the East-West Center of the University of Hawaii. Details on the meeting are elsewhere in the newsletter. Beginning with the February 1988 meeting, we will be publishing abstracts of the scientific papers. All presenters are asked to submit a two page abstract, including figures.

Our first membership directory was published this year and we hope you find it useful. Please report any changes to Sybil Greener so that future

issues will be correct.

The first Paffenbarger Award will be presented in February to the student who is the principal author of the best paper accepted by the journal from January 1 through November 30, 1987. The Selection Committee is chaired by Bob Erickson.

The Executive Committee continues to expand as we add new functions for the Academy. We are interested in increasing the number of members who are active in Academy business and volunteers are sought. Any ideas for future functions of the Academy or changes are always welcome. I can be reached at the University of California, San Francisco, Department of Restorative Dentistry, San Francisco, CA 94143, or by phone at (415) 476-5992 or you can contact our Executive Secretary, Sybil Greener, at the Academy address. I would like to extend my thanks to all who are active participants and have been in the past.

Sally J. Marshall, President

Future Meetings

CALL FOR PAPERS

ANNUAL MEETING - SCIENTIFIC SESSION
February 19, 1988 - Hillenbrand Auditorium
American Dental Association - 211 E. Chicago Avenue
Chicago, IL 60611 USA

BACKGROUND: Creep in dental materials is a problem of fundamental interest. The two major direct posterior restoratives, amalgam and composite, exist in the oral cavity at temperatures where significant atomic mobility is possible in response to either mechanical or thermal perturbation. Dental elastomers also can be expected to be subject to creep phenomena in the clinical range of stress and temperature. Interestingly, the porcelain fused to metal system also is subject to the laws of creep since the fabrication of the bond involves heating the metal above its homologous temperature and the porcelain through its glass transition.

FORMAT: A "European" style poster session is planned for the afternoon of the scientific meeting on February 19, 1988.

Posters will be welcome from all areas of dental materials research and, therefore, need not be restricted to the subject of creep. Posters should be 4' x 6'.

This mode of presentation differs from the conventional presentation in that the poster author presents a five minute description of the salient points of his work followed by a directed discussion of five to ten minutes by the attending audience. Only one presentation is offered at a time.

Adequate time will be made available for the attendees to look at the posters prior to the start of the session.

The format has proved popular and stimulating at European dental research meetings and will represent a first time approach at the Academy of Dental Materials.

Please send titles and a 2 page abstract to:

Dr. Evan Greener
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by **February 1st, 1988** so that the posters may be grouped by subject matter and processed for **publication in a "Proceedings"**.

February 18, 1988--Annual Meeting and Dinner - For further information or questions, telephone the Academy of Dental Materials at (312) 642-9570.

Additional Upcoming Meetings

June 22-24, 1988--Jerusalem, Israel, *"Techniques for the World Wide Development of New Dental Materials"*

October 6-8, 1988--Gaithersburg, MD (Washington, D.C.), USA, (Joint meeting with National Bureau of Standards) *"Modern Instrumentation and Analysis Techniques"*

February 17, 1989-Chicago, IL USA, Annual Meeting *"Computer Aided Processing of Materials in Dentistry"*

March, 1989-Dublin, Ireland (Joint Meeting with IADR/DMG) Topic to be decided

November 2-4, 1989-Hawaii, USA (Joint meeting with Japanese Society for Dental Materials and Devices) Topic to be decided

George C. Paffenbarger Award

A reminder regarding the Academy's award to the best article published in **Dental Materials** each year by a student in a degree-granting program. The following are the qualifications:

1. All papers shall be submitted for publications by a student in a degree-granting program. Papers for competition shall be selected from those accepted for publication in **Dental Materials** between January and December, 1987, with the first award given at our annual meeting in Chicago on February 18, 1988;
2. Notification of the winner will be by January 15, 1988, for this first presentation and on December 15th in the following years;
3. A plaque and a cash award of up to \$500 U.S. for travel expenses will be given to the winner at the Annual Business Meeting;
4. Registration fees for the scientific meeting and the banquet will be waived for the winner; and
5. There will also be a permanent plaque which remains with the Academy on which the names of the winners will be engraved each year. This plaque is now on display at the Academy's headquarters.

Student Award Plaques for Participating Institutions

The first of these attractive plaques which contain the names of awardees from 1984, 1985, 1986, and 1987 are now being mailed. We thank all the Academy members whose institutions have participated in this program. For information on how your university may also give this award, contact Dr. Grayson W. Marshall at the University of California-San Francisco, Department of Restorative Dentistry, San Francisco, CA 94143, or the Executive Secretary at Academy headquarters.

Fellowship Qualifications

At the Annual Meeting on February 18th in Chicago, newly elected Fellows will be inducted. Requirements for Fellowship are:

1. A doctoral degree or equivalent;
2. The publication of at least 10 scientific articles, five in refereed journals and half credit for each published abstract of scientific presentations;
3. Evidence of five years research leadership beyond formal education;
4. Two letters of recommendation, (Fellows of the Academy preferred);
5. A complete curriculum vitae/resume; and
6. Payment of an initiation fee.

The deadline for 1988 Fellowship application is November 15th, 1987.

Dues Increase

We have tried very hard to keep Academy expenses at a minimum, but our publisher, Munksgaard has raised the price of the journal to 800 DK which is more than the cost of the present dues payment. Therefore, the Board of Directors has recommended that the dues for 1988 be increased to \$85.00 U.S.

by a special assessment to offset this cost and once again the decline of the U.S. dollar. Munksgaard has agreed to make efforts to expand the circulation above the current levels by additional mailing, advertising, etc. This may help to avoid future increases. One suggestion may be to institute page charges for articles over four pages. The Academy is currently investigating other alternatives, and we will make every effort to find a more stable publication means. If you would like to assist in this effort, please contact Dr. Frank Young, our Editor, with your suggestions and ideas. Be an *active member* and help us to keep the journal costs down by enrolling new members.

Expansion of the Board of Directors

In keeping with the current policy of greater member involvement in the activities of the Academy, the Board of Directors has been increased to nine members. They are:

Officers

- President - S. Marshall
- Vice President - S. Bayne
- Secretary - M. M. A. Vrijhoef
- Treasurer - J. Overberger

Members-at-Large

- G. W. Marshall
- L. Zardiackas
- G. Ewers
- J. van der Zel
- S. Newman

Other Executive Committee Positions are:

- Archivist-----V. Marker
- Constitution and By-Laws-----S. Newman
- Corporate Liaison-----L. Zardiackas
- Credentials and Awards-----G. W. Marshall
- Editor-----F. Young
- Future Meeting Site Selection-----M. Jendresen
- Immediate Past President-----L. Gettleman
- Inter-Society Liaison-----J. Lemons
- Liaison-----P.O. Glantz
- Liaison-----J. Harcourt
- Liaison-----M. Nakayama

- M. Ohashi
- Liaison
- D. Riesgo
- T. Roberts
- H. M. Tahawi Long Range
- K. Anusavice
- V. Thompson
- R. Erickson
- E. Greener
- R. Grajower
- T. Okabe
- J. Task
- R. Plymale

Additions and Corrections to the Directory

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Honors to Fellows/Members

Dr. Evan H. Greener, FADM, Northwestern University, Chicago, IL has been appointed to serve a four year term on the National Advisory Dental Research Council.

Dr. Edward C. Combe, FADM, University of Manchester, Manchester, United Kingdom, has been invited to present the 14th Annual Eugene Skinner Memorial Lecture at Northwestern University in April of 1988.

Dr. G. W. Marshall, FADM, University of California-San Francisco, has joined the editorial board of the journal, **Scanning Microscopy**.

Corporate Members for 1987

Through the financial support of our Corporate Members, the Academy is able to present awards to deserving students and also to hold scientific meetings for exchanges of information. We wish to express our gratitude to the following companies for their support in 1987:*

Austenal International, Inc.
Block Drug Company
Bisco Inc.
Cavex Holland
Core-Vent Corporation
Den-Mat Corporation
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Elephant Endelmetaal B.V.
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G-C Dental Industrial Corporation
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Harry J. Bosworth Company
Imperial Chemical Company
Johnson & Johnson, Inc.
Neoloy Products Company
Premier Dental Products Company
3-M Corporation
Unitek Corporation

*Because of their support, Corporate Members may send up to four persons to the Annual Meeting with **no registration charges**. Individual who are both Corporate and Academy members must, however, pay their yearly dues to continue receiving the journal, **Dental Materials**. The names of those representing companies who will be attending the meeting must be submitted by **January 15th, 1988**.

REMINDER--Executive Committee Meetings

February 18, 1988 - 2:00 - 5:00 p.m.
Northwestern University Dental School-Ward Bldg.
311 E. Chicago Ave., Room 10-285

March 11, 1988 - Noon - Location to be announced at IADR, Montreal

If you have any information for inclusion in the ADM Newsletter, please contact the Executive Secretary, Ms. Sybil Greener.