

ACADEMY OF DENTAL MATERIALS
Newsletter
6 November 1989

POSITION PAPERS: THE AMALGAM CONTROVERSY

The Academy of Dental Materials is against the removal of dental amalgam restorations based on charges of mercury toxicity by the anti-amalgamists. There has been a continuing public controversy in this regard during the past several years in the press in the United States and in Sweden. Recently, anti-amalgamist activities have intensified. There are now several bills which have been introduced into state legislatures to ban the use of dental amalgam restorations in dentistry. The ADA has taken an active role in publicly rebuking the arguments of the anti-amalgamists. However, their position would be greatly strengthened by publication of position statements by experts and expert organizations such as the Academy. Therefore, the Academy is producing a "POSITION STATEMENT" for publication in the journal. Input or information can be gained in that regard by contacting Dr. Rod Mackert (404-828-3354).

THE EXECUTIVE COMMITTEE

The Executive Committee of the Academy of Dental Materials is listed on the last page of the newsletter for your reference. Because we have grown to such a large size by right of our significant number of activities, I have organized the committee into 6 groups that include related activities. The members who serve in Executive Committee capacities do so by right of being either a member of the 10 person group of officers or by being appointed by the President. There is no limit to the number of Executive Committee members or activities. Anyone who would like to be a part of the day-to-day efforts of running the Academy should directly contact the President (Dr. Stephen C. Bayne, 919-966-2776).

The Executive Committee meets on the days preceding Academy conferences and before the AADR or IADR meetings whenever that can be arranged. The meetings are open to all members. Except on constitutional issues, everyone is invited to participate and vote on issues before the Executive Committee.

Organization of the Executive Committee

1. CONFERENCE GROUP:
 - a. Program Planning Anusavice
 - b. Dublin Meeting Roberts
 - c. Hawaii Meeting Ohashi/Okabe
 - d. 1990 Annual Meeting Retief
 - e. Continuing Education Overberger
2. INTERNAL (BUSINESS) AFFAIRS:
 - a. Legal Affairs: ...
 - b. Constitution and By-Laws Newman
 - c. Minutes/Records Marshall,G
 - d. Archivist/Historian Plymale
3. FINANCIAL GROUP:
 - a. Individual Membership Thompson/Plymale/Davis
 - b. Regional Liaisons Ewers/Glantz/Harcourt/
Nakayama/Riesgo/Tahawi
 - c. Corporate Membership Zardiackas
 - d. Student Membership ...
4. PUBLICATIONS GROUP:
 - a. Journal Editor Young
 - b. Transactions Editor Setcos
 - c. Newsletter Editor Bayne
 - d. Membership Roster Editor Marker,V
 - e. Special Issue Editor Norling
 - f. Publications Review Committee Marshall,S
5. AWARDS GROUP:
 - a. Student Awards Marshall,G
 - b. Fellowship Awards Marshall,G
 - c. Paffenbarger Award Erikson
6. ACADEMY DEVELOPMENT GROUP:
 - a. Internationalization Greener
 - b. Intersociety Liaison Lemons
 - c. Nominations for New Officers Marshall,S
 - d. Information Exchange Gettleman
 - e. Long Range Planning Tesk
 - f. Consultant Phillips

RECENT ADM CONFERENCE in IRELAND

The conference on In Vivo and In Vitro Properties of Dental Materials which was sponsored by both the Academy of Dental Materials and the Dental Materials Group of IADR was successfully conducted the 2 days preceeding the IADR meeting in Dublin, Ireland in June 1989. The meeting was graciously supported and co-sponsored by ICI Dental. Allen Steinbock and Whipmix contributed a great deal of time to the preparation of the meeting but unfortunately Allen was unable to attend because of a back ailment at the last minute. The transcript of the invited talks and the abstracts was published as the Transactions of the Academy of Dental Materials Vol 2, No. 2. Every member of the Academy should have received a copy of that publication. Our continuing thanks goes to Dr. Jim Setcos who is the publication editor for the Academy. Our current policy is to provide sufficient issues of each Transaction for distribution to meeting attendees and to other Academy members. A few extra copies are produced for sale which may be obtained for \$25.00

plus \$5.00 for handling by writing directly to the Executive Secretary, Ms. Betty Davis (Dept of Materials Science, College of Dental Medicine, Medical University of South Carolina, 151 Ashley Avenue, Charleston SC 29425, USA, 803-792-2828).

UPCOMING ANNUAL MEETING

The next meeting of the Academy of Dental Materials will be the annual meeting in Chicago, Illinois on February 8-9, 1990. The business meeting will be held at the Executive House (312-346-7100) on Michigan Avenue starting at 6:00 pm on Thursday, February 8, 1990. The scientific meeting will be held at the Hillenbrand Auditorium at the ADA on Chicago Avenue on Friday, February 9, 1990. This years scientific meeting is entitled the "Enamel -Dentin -Pulp -Cementum -Bone -PDL Interactions with Dental Materials" and is being organized by Dr. Hugo Retief (205-934-2289). This meeting occurs 2 days prior to the Chicago Mid-Winter Meeting. In addition to the invited speakers, there will be the opportunity for abstract presentations. The meeting announcements will be mailed shortly and contain the relevant information for hotel registration, meeting pre-registration, and abstract submission. There will be a Transactions of Dental Materials, Vol 3, No. 1, with this particular meeting.

RECENT ADM CONFERENCE IN HAWAII

The Academy successfully co-sponsored the "International Congress on Dental Materials" with the Japanese Society for Dental Materials and Devices in Honolulu, Hawaii on November 2-4, 1989. This meeting was the result of 2 years of combined efforts by Dr. Toru Okabe and Dr. Ohashi. More than 400 individuals attended the conference. An exquisite summary of the presentations and abstracts was published as the Transactions of the Academy of Dental Materials, Vol 2, No. 3 and was distributed to attendees of the conference, members of the Academy, and members of the JSDMD.

Planning for the 1991 Conference on DENTIN, SENSITIVITY, AND CLASS V RESTORATIONS to be held in the Carribean

The Academy has established an organizing committee consisting of Drs. Van Thompson, Robert Erikson, Vickie Marker, Frank Young, and Steve Bayne to begin to plan a special conference for the spring of 1991 on the topics of dentin microstructure, pulpal sensitivity, and a detailed clinical examination of the success and failure of class V cervical erosion and abrasion lesion restorations. It is the present intent to publish the Transactions of this conference as a hardback cover book if a suitable publisher can be identified. That effort will be coordinated by Dr. Robert Erikson.

50th ANNIVERSARY PLANNING

1991 represents the completion of 50 years of operation of the Academy since the start of the original organization (Academy for Plastics Research in Dentistry). That group was founded in 1940 and held its first scientific meeting in February 1941 in Chicago, Illinois. In honor of that occasion, it is the intention of the Academy to try to publish a special issue of the journal of Dental Materials to celebrate

the successes and history of dental materials. Dr. Barry Norling is in charge of the organization effort (512-567-3657).

CHANGE IN THE ANNUAL DUES SCHEDULE FOR THE ACADEMY OF DENTAL MATERIALS

It has been customary until this year to include the annual dues as part of a members registration for the Annual Meeting in February in Chicago. However, we have encountered several problems with that procedure. We are required by law to directly bill members and provide receipts and that process has tremendously complicated our dues collection procedure. That has forced us to delay billing until after the annual meeting. The reminder notice for annual dues is now delayed and delinquent dues are often not collected until July. In the meanwhile, the Academy has had to underwrite the journal subscription cost for the members in arrears. The process of absorbing dues into the registration fee has significantly reduced the actual income for that meeting that might be available to offset real expenses. Therefore, we have abandoned that procedure! Instead, there will be a direct mailing for dues on December 1, 1989 for 1990 dues. The registration fee for members for the Annual Meeting will NOT include membership dues. However, we have held the registration fee for that meeting to only \$100 which is significantly lower than the fee for other upcoming meetings.

For the first time this year, it is now possible to charge your membership dues and meeting registration fees to your credit card. We hope that this will facilitate payments. We do lose some income because of fees for this process but we feel that it should improve the system.

ACADEMY MEMBERSHIP DIRECTORY

A new membership directory is being organized by Vickie Marker (214-828-8278) and Betty Davis (803-792-2828) that will include addresses, phone numbers, FAX numbers, BITNET codes, and photographs. Currently members are being surveyed for updated information. The goal for the distribution of a new directory is early spring 1990.

MEMBERSHIP EXPANSION AND RECRUITING

The Academy of Dental Materials consists of about 300 members in 21 countries around the world. We have been at a stable size for about 5 years now. We would like to increase in size to about 500 members by 1991. This would provide more income for us from individual membership dues and from potential royalties on the journal of Dental Materials. We have actively circulated membership brochures at all meetings and with mailings to members. However, the most effective recruiting process is when existing members circulate these brochures to colleagues directly. This is a critical process for the Academy and we would hope that every individual member would take a few minutes to help this cause. Your participation is greatly appreciated. The membership chair persons are Dr. Van Thompson (301-328-8388) and Dr. Richard Plymale (313-653-5325).

FINANCIAL SUMMARY

The major sources of income for the Academy are the (1) individual membership dues, (2) corporate membership fees, (3) conference income, and (4) shared royalties from the publication of the Dental Materials

journal. Conference income is the greatest potential source of income in any single year. However, it varies considerably with attendance and location costs. The conference in Dublin, Ireland cost about \$23,000 and broke even. The conference in Honolulu cost \$75,000 and provided about \$5,000 of total income. We have adopted the position that all conferences must break even or generate income. Conferences are organized to promote the exchange of scientific information and if at all possible provide income to the Academy as well.

The major expenses for the Academy are (1) journal subscriptions (\$55.00 per member out of the membership dues of \$85.00), (2) editorial office costs for the journal (\$10,000 per year), (3) plaques for student awards, corporate members, or initiation of fellows, (4) mailing costs for newsletters and announcements, and (5) administrative expenses for the offices of the Executive Secretary and the Treasurer.

We are collecting considerable monies each year, but because of our numerous activities our financial growth has been limited to about \$10,000 per year. That is why it is important to increase the membership over the next 2 years. The current treasury balance for the Academy is \$--,---

DENTAL MATERIALS Journal

We are now completing our first year of operation with our new publisher of the journal, the AADR. We owe a special thanks to both Dr. John Grey and Ms. Linda Hemphill for their outstanding efforts on our behalf. The major improvements in the journal include (1) reduced cost, (2) much more rapid turn around of articles, (3) reduced backlog of articles to be published, (4) incentive for increased circulation by providing shared royalties with the Academy, (5) improved layout and design of the journal format, and (6) active promotion of the journal.

We hope that everyone is satisfied with the way in which the new journal is operating. However, realizing that no system is perfect, we have organized a review committee consisting of Drs. Sally Marshall, Evan Greener, and Larry Gettleman to collect recommendations for changes and improvements in the journal during the coming year. them via their

The major change in the publishing operation with the AADR is that reprints must be purchased by authors. During the last year of publication with Munksgaard, they imposed page charges to defer increasing expenses and that created great turmoil amongst contributing authors. There was tremendous misunderstanding and ill-will created by that process. AADR does not have page charges for authors but they do charge for all reprints. The reprint income is apparently quite substantial. Take solace in the fact that the Academy is also sharing in that income. This procedure also has helped to balance out the concerns about the large number of authors publishing in the journal who did not subscribe to the journal. We all philosophically thought that it was unfair for the Academy to underwrite their costs at the expense of the present members.

CORPORATE MEMBERS

The Academy exists to promote scientific exchange between research scientists, practicing clinicians, and dental manufacturers. As part of that triad, the dental manufacturing companies have scientists that are individual members but they also have consistently sponsored the Academy by paying \$500 per year. For that participation, we have provided 4

free registrations of their representatives to our annual meeting in Chicago each year, we have provided a permanent plaque to acknowledge their generosity and support, and we have actively encouraged their input into the Academy. They have also graciously supplied travel support to speakers for meetings and donated money for cocktail parties at conferences. Their support is key to our day-to-day activities.

The current list of corporate sponsors includes:

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| 1. | 11. |
| 2. | 12. |
| 3. | 13. |
| 4. | 14. |
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| 6. | 16. |
| 7. | 17. |
| 8. | 18. |
| 9. | 19. |
| 10. | 20. |

DENTAL STUDENT AWARDS

Each year the Academy of Dental Materials provides a plaque to a member of the graduating class in -- dental schools in the United States and -- dental schools in other countries at which there is a member on the faculty representing the Academy. Participation in this award process is done by directly contacting Dr. Grayson W. Marshall. The criteria for selecting candidates are left up to the individual contact or committee of local members representing the Academy. The plaque is a 10" x 12" polished wooden board with an etched brass plate containing an inscription and the individuals name. This process requires at least 4 weeks lead time. Therefore, please contact Dr. Grayson Marshall early enough so that the plaques can be produced and distributed.

In addition, the Academy has begun to produce permanent plaques that are 15" x 20" for display in individual schools to continually honor the recipients and promote excellence in dental materials. Each year a name plate is added to the permanent plaque with the name of the most recent recipient.

PAFFENBARGER STUDENT RESEARCH AWARD

In honor of Dr. George C. Paffenbarger, the Academy of Dental Materials has provided the Paffenbarger Student Research Award. The intent is to recognize annually, any student's contribution to the Academy by way of a published manuscript in Dental Materials or presented research which is abstracted in the Transactions of the Academy of Dental Materials. We provide a \$500 cash award.

To date the award has not yet been presented because of a logistic problem of identifying qualifying students from among other scientists. We have been frustrated by authors lack of cooperation in identifying the student status of authors or presenters.

The committee in charge of selection and presentation of the award includes Drs. Lyle D. Zardiackas, Robert Erikson, Frank Young, and Jim Setcos. Contact anyone of them directly to indicate your intention to compete for this award.

SPECIAL RECOGNITION OF RECENTLY DECEASED ACADEMY MEMBERS

The Academy is investigating the dedication of specific issues of the Dental Materials journal in honor of Academy members who have passed away. This would be a unique and continuing recognition of an individual's contributions to the profession and to our organization. There are several Academy members who have recently died.

Dr. Rafael Grajower died from a heart attack the week before the IADR meeting. He was an active scientist, traveled extensively, and collaborated with several of us over the years.

Dr. Gerry Brauer died after a series of operations in Germany for an infection that afflicted him right after the IADR meeting in Ireland. Gerry was world reknown for his contributions in the area of dental cements and composites. He had recently retired from NIST.

Dr. Clark C. Smith, FADM, of Kay-See Dental in Kansas City, Missouri passed away in June 1988. Clark was one the original Academy members and became a fellow in 1983.

ANNOUNCEMENTS

The Northeastern Gnathological Society sponsors an annual award of \$2,500 in memory of Ernest R. Granger and William H. Pruden II for research by an individual in prosthodontics and related materials science. The deadline for submission is March 1, 1990. For further information contact: Dr. R. Brian Ullmann, 312 Warren Avenue, Ho-Ho-Kus, New Jersey 07423 (201-444-9777).

The International Conference on Interfaces in Medicine and Mechanics (INTERFACES 90) will be held in September 9-14, 1990 at the University of Bologna, Italy. For information contact: Dr. K.R. Williams, INTERFACES 90, Dept of Basic Dental Science, University of Wales College of Medicine, Heath Park, CARDIFF, WALES, U.K., CF4 4XW.

CHANGES IN ADDRESS

Dr. Valdemar DeRijk has recently moved from NIST to the Division of Biomaterials in the School of Dentistry at the University of Texas at San Antonio.