



## ACADEMY OF DENTAL MATERIALS NEWSLETTER

[www.academydentalmaterials.org](http://www.academydentalmaterials.org)

Susanne Scherrer, Secretary ADM

August 2000

### **Next ADM annual meeting in New Orleans (Oct. 26-28). Program chair: Jack Lemons**

As already announced in the previous newsletter, the Academy of Dental Materials will host its annual meeting in New Orleans, on October 26-28, on **Dental Implant Treatments: Issues Beyond Ten Years In Vivo**. The program is posted on the website of the ADM [www.academydentalmaterials.org](http://www.academydentalmaterials.org)

The speakers, Dr. Jack Lemons, Dr. Harold Morris and Dr. Carl Misch will provide insights on their long-term experience with biomaterials, dental materials, implants and the overall aspects of treatment for longevity. Poster sessions will be held each day on a wide variety of materials research. Please remember the following:

Member registration fee: \$400

The meeting hotel is the Wyndham New Orleans at Canal Place, 100 Rue Iberville, New Orleans, LA, 70130-1159. Fax: (504) 553-5085

Phone: (800) 996-3426 or (504) 566-7006

Hotel reservations must be made by September 15 to obtain the group rate. Rooms are at \$196 + 11% tax. Conference registration forms can be obtained from the ADM's web (in pdf format) or from Dr. David Sarrett

Phone: (804) 828-2977

Fax: (804) 828-3159

e-mail: [dsarrett@den1.den.vcu.edu](mailto:dsarrett@den1.den.vcu.edu)

### **Transactions from the 1998 and 1999 meetings are available for sale.**

1998 Critical Review of Restorative Quandaries  
1999 Tissue Engineering and Biological Interactions of Materials in Dentistry.

To order, send a check for US \$25 per book to:

Dr. David C. Sarrett, Transaction Editor

Academy of Dental Materials

520 North 12th Street

PO Box 980566

Richmond, VA 23298-0566

### **Journal *Dental Materials* delivery problems**

We have experienced during this first half year distribution problems of the Journal Dental Materials issues of 2000 to ADM members. The

Academy is currently taking steps to eliminate permanently such problem. Among several innovations, the biggest change is the use of a professional accounting firm for the treasurer's job.

### **Thus, the treasurer's office has a new location.**

The financial and membership activities of the treasurer's office has moved from the West Virginia University School of Dentistry to the accounting firm of Simpson & Osborne (WV) which has increased capability for computer based financial management. This firm will be responsible for maintaining the membership list, address changes, mailing out the newsletters, mailing late dues statements and sending labels to Elsevier. They will process the scientific meeting registration and transactions order requests. They will manage the finances, be responsible of the monthly bank reconciliation for the Academy and provide quarterly and yearly financial reports, as well as IRS and State of Illinois non-profit corporation tax returns. The new contact person is Ms. Kimberly Phillips:

[kaphillips@sandocpas.com](mailto:kaphillips@sandocpas.com)

**Toll free number: 1-877-826-6372**

**Telephone Number: (304) 292-7343**

**Fax Number: (304) 292-7099**

**Academy of Dental Materials**

**PO Box 432**

**Morgantown, WV 26507-0432**

This is from now on the new mailing address of the Academy for dues, meeting registrations and address changes.

**Regarding the Dental Materials journal, we urge all members to notify Ms. Phillips which issues of 2000 they are missing from the four currently available issues (Jan, March, May, July). Please send an e-mail or a fax to Ms. Phillips who will process that information.**

### **Membership Dues payments:**

As from Nov. 1999 dues payments were established with enforced deadlines. This initial move was introduced to get the membership more responsible towards deadlines. Very sadly, on July

17th, 100 members had not paid their dues for 2000. This is equivalent to 25% of the membership! We hope that with the professional help from Ms. Phillips who will reinforce deadlines as well as with your effort to comply, we will be able to reduce this number drastically.

**Web site : [www.academydentalmaterials.org](http://www.academydentalmaterials.org)**

Please check this site on a regular basis and send any new items to Ron Sakaguchi: (sakaguch@ohsu.edu).

A direct link from the ADM site exists to the site of the DMG-IADR (Steve Bayne) in which you find among others information on meetings related to dental materials. This site can also be accessed from the IADR site.

**Program of the ADM annual meeting 2001 in Siena (Italy) October 25-27:**

Organization: Marco Ferrari

Topic of the Congress:

"Scientific criteria for selecting materials and techniques in clinical dentistry"

The program is also posted on the ADM's web.

**1<sup>st</sup> morning**

**Materials for indirect adhesive tooth colored restorations: Porcelain vs. resin-based composite**

Chairman: Scotti (Bologna)

Krejci (Geneva): resin-based composite

Roulet (Berlin): Porcelain

**1<sup>st</sup> afternoon, Round Table**

**Can reinforced resin-based and/or new ceramic materials replace metals?**

Chairman: Drummond (Chicago)

Kunzelmann (Munich): Inlays and onlays

Fuzzi (Bologna): Clinical experiences with bonded indirect restorations

Goldberg (Connecticut): Crown and Bridge restorations

**2<sup>nd</sup> morning**

**New build-up materials and techniques**

Chairman: Ferrari (Siena)

Apicella/Rengo (Naples): Post or non-post restoration in an FEA view

Sorensen (Portland): Measuring the quality of build-up

Mason (Padua): Metal or non metal posts

**2<sup>nd</sup> afternoon, Round Table**

**Light devices and properties of resin composite materials**

Chairman: Davidson (Amsterdam/Siena)

De Gee (ACTA): Light curing and depth of cure

Braem (Brussels): The relevance of fatigue resistance measurements

Watts (Manchester): The relevance of visco-elasticity and elastic module

Ferracane (Portland): Overview on resin materials for posterior teeth.

**3<sup>rd</sup> morning**

**Bonding to dental substrates: lab and clinical investigations**

Chairman: Goracci (Rome)

Van Meerbeek (Leuven): lab relevant data for clinical dentistry

Dondi (Bologna): Clinical investigations: how can be performed?

**In memoriam: Dr.Håkon Herø (1934-2000)**

The Dental Materials community has lost an excellent material scientist. See attached page of a memoriam prepared by Dr. Toru Okabe and Dr. Arne Hensten-Pettersen.

## IN MEMORIAM

### Dr. Håkon Herø

Dr. Håkon Herø passed away on May 3, 2000, after a long illness. Dental materials scholars and scientists around the world have lost an excellent researcher and friend.

Dr. Herø was born in Trondheim, Norway, on May 12, 1934. He attended The Norwegian Institute of Technology in Trondheim and graduated with a B.Sc. in Physical Metallurgy in 1959. He earned a Ph.D. from Chalmers Technical University, Gothenburg, Sweden, in 1978.

Dr. Herø devoted his career to studies of physical metallurgy, dental alloys, and testing and certification. He first worked at the Institute for Atomic Energy and then spent 18 years at the Center for Industrial Research, both in Oslo. In 1974, he took a year off to be a Visiting Scientist at McMaster University, Hamilton, Ontario, Canada. He began his association with NIOM (Haslum, Norway) in 1980, where he served as Senior Scientist and as Head. He brought all his experience and knowledge of metals research to NIOM and subsequently initiated a titanium casting research project. With the staff members there, Dr. Herø designed and built an experimental titanium casting unit that they used to successfully perform many casting experiments. This was really a remarkable accomplishment, given that some of the characteristics of titanium made it a difficult metal to cast.

Among his service activities, Dr. Herø gave a good deal of effort to international materials standardization through his work with the International Standards Organization (ISO). He served as a member of the committees on dental casting gold alloys and dental ceramic-fused-to-metal restorative materials. More recently he served as convenor (chairman) of the ISO committee on alloys for dental amalgam. Dr. Herø was also active in professional organizations such as the Norwegian Metallurgical Society, the International Association for Dental Research (IADR), and the Dental Materials Group of the IADR. Over the last 30 years, Dr. Herø's many articles related to his work on the physical and mechanical metallurgy of metals were published in numerous international journals.

Dr. Herø was a professional in the best sense of the word and a generous colleague. He shared his research ideas willingly and was an active contributor to intramural and extramural research programs.

He formally retired in August 1999, but continued his interest in research activities to the end. He corrected a galley proof of one of his publications just a week before he passed away. He will be deeply missed by his many colleagues and friends at NIOM.

Toru Okabe considers himself very fortunate to have spent six months in 1994 as a Visiting Scientist at NIOM, where he learned about the casting technologies of titanium. He benefitted greatly from working with Dr. Herø and found in him a great friend. Not only was Dr. Herø a top-notch metallurgist, but he was also a caring, sincere human being, and a wonderful husband to his wife, Liv, and father to his two sons.

Dr. Toru Okabe  
Baylor College of Dentistry

Dr. Arne Hensten-Pettersen  
NIOM