1997 IADR, Orlando, Florida
With a final registration count of approximately 6,200 and over 3,500 abstracts presented, the 75th General Session & Exhibition of the IADR, in Orlando, Florida, was the best-attended meeting in the history of the Association.

The following DMG-IADR officers were elected by the membership and assumed the duties of their offices at the 1997 IADR.
- E. Steven Duke, president
- Grayson W. Marshall, Jr, president-elect
- Edward J. Swift, Jr, treasurer

John Gwinnett posthumously received the Wilmer Souder Award. See page 5.

1998 IADR, Nice, France
AADR and IADR Abstract Deadlines
Please remember that abstracts for the 1998 AADR/CADR are due on September 19, 1997, and on January 9, 1998 for the 1998 IADR General Session in Nice, France.

Lunch & Learning
DMG Lunch and Learning at the 1998 IADR meeting in Nice will feature six presenters:
- Takao Hanawa - Surface Properties and Modification of Material Surfaces That Influence Biocompatibility
- Karl-Heinz Kunzelmann - Evaluation and Comparison of Wear Simulators for Dental Materials Research
- Carlo Prati - In Vitro Evaluation of Efficacy and Mechanism of Adhesion of Modern Dentin Bonding Systems
- Ronald Sakaguchi - The Role of Computers in Biomaterials and Biomechanics Research
- John Sorensen - The Clinical Evaluation of All-Ceramic Crowns and Bridges

Jack Ferracane, L&L Chair

DMG Reception
A reception will be held on Thursday evening, June 25, 1998.

Changes for the 1998 AADR, Minneapolis
- the meeting is now ending on Saturday evening, March 7
- oral sessions will only include 8 presenters instead of 11
- symposia time will only be 2 hours 30 minutes instead of 2 hours and 45 minutes
- there will be 2 poster sessions per day on Thursday, March 5, and Friday, March 6; there will only be 1 poster session on Saturday morning

The above listed changes will only effect the AADR meeting in Minneapolis. The IADR Annual Session Committee has decided NOT to change the schedule for the Nice meeting. The meeting format for the IADR meeting in Nice will be the same as in previous years (Wednesday afternoon through Saturday evening). International meetings always end on Saturday evening instead of Sunday afternoon.

Message from the President
It is truly an honor for me to have been elected President of the Dental Materials Group of The International Association for Dental Research. As I reflect upon those distinguished individuals who have served in this position over the past years, a sense of extreme humility falls over me. I only hope that I can serve our organization with an equivalent level of enthusiasm and distinction.

At my acceptance address, I focused my objectives as President towards two principal areas. First, I feel that technology transfer from the laboratory to the clinical practice must be increased in our field of biomedical science. If we carefully examine the material science achievements that have become common practice in the past 20 years, they are few. The extensive funding of basic research, both by federal and industrial sources, has not lead to a significant number of new restorative materials or techniques in general practice. Many of the routine procedures in restorative practices today are based upon technology that ranges from 20 to 30 years of age. As we all know, public and professional pressures have increased towards more esthetic restorative materials. Is there any question why we are so uncomfortable in meeting this demand with currently available materials?
Message from the President (cont’d)

My second objective may appear at first glance to be in direct contrast to the first, and, this involves increasing the level of evidence based clinical decision making. The basis for clinical decisions with many restorative techniques and selection of materials in many practices today is far removed from sound scientific evidence. In fact, at times, decisions are made peripheral to any sound research and based upon nothing more than industrial market claims and anecdotal information. We are all aware of such situations and find ourselves in a constant battle when addressing these issues with the profession. This problem is not unique to our area of dentistry but is also increasing in virtually all disciplines of dental practice.

Bringing science back into the practice of dentistry is not an easy task and will likely take a number of years and involve a very coordinated effort of many organized groups within the profession. Work has been initiated with certain organizations sponsoring symposiums addressing this specific problem. The American College of Prosthodontics will hold its second symposium this fall dealing with evidenced based practice decisions. The American Academy of Periodontology recently published a summary of its efforts towards developing a consensus of understanding various aspects of periodontal clinical decision making. The American Academy of Operative Dentistry has focused a committee to review specific procedures in Operative Dentistry with careful scrutiny of available scientific literature. Further, the American Academy of Restorative Dentistry has recently appointed an ad-hoc committee to begin reviewing literature and will ultimately develop consensus statements on restorative techniques and materials. Last year, The National Institutes of Health sponsored a Technology Assessment Conference for the Management of Temporomandibular Disorders. Their recent publication provides an excellent review and Conference Statement for clinicians. Such organized efforts can make a difference and provide dentists with the knowledge to make informed decisions.

As the flagship for emerging science in material science and restorative dentistry, the Dental Materials Group of The International Association for Dental Research should join these efforts and provide as much support as possible to expedite this process that ultimately will enhance the oral health of world populations. I challenge each and every member of our organization to contribute some effort to this movement. There is an abundance of work in reviewing all available knowledge to assess where we stand and develop consensus statements that can be used by practicing dentists. The final reward for all our efforts will be a future dental profession that once again stands sound upon a foundation of scientific knowledge.

Steve Duke, President, DMG-IADR

Free Access to MEDLINE

MEDLINE is now available free of charge on the World Wide Web. The new service was officially announced on June 26 at a press briefing with Vice-President Al Gore and Senator Tom Harkin (D-IA). There are two methods for access: PubMed and Internet Grateful Med. Go to the National Library of Medicine’s web site [http://www.nlm.nih.gov](http://www.nlm.nih.gov) and click on “search MEDLINE free.” PubMed only provides access to MEDLINE, but is more recent than some subscription services. Internet Grateful Med provides free access to MEDLINE, AIDSLINE, HealthSTAR, AIDSDRUGS, AIDSTRIALS, DIRLINE, HISTLINE, HSRPROJ, OLDMEDICINE and SDILINE.

Electronic Distribution of Newsletter

If you are able to receive this newsletter via email, please notify Ron Sakaguchi, sakaguch@ohsu.edu, of your email address and preferred file format. If your email server limits the document size, the newsletter can be sent in text format without graphics. The newsletter is formatted for Word or WordPerfect on the Macintosh or Windows 3.X or 95. Sending the newsletter by email saves time, money and trees!

Chapter News

Australia-New Zealand

The ANZ Division of IADR will be holding their next annual meeting in Dunedin, New Zealand from 24th to 28th August 1997. The Dental Materials Group will be presenting a Symposium on Wednesday, August 27th. The speakers include:

- J.G. Ironside, Biomechanics and the new ceramic restorations.
- F.E. Martin, The light’s on-but is anything cured?
- J.A. Hood, Bonded restorations-Fact or falacy?
- M.J. Tyas, Current issues in adhesive dentistry

Liz Martin, President, DMG-ANZ
Chapter News (cont’d)

Japan
The 12th Annual Meeting of the DMGC-Japan will be held at Nagai Memorial Hall at Tokushima University School of Dentistry (3-18-15 Kuramoto-cho, Tokushima, Japan 770) on December 5th, 1997. Dr. Katsuichiro Inoue (Kagoshima University) will give the President’s lecture at this meeting.

The 45th Annual Meeting of the JADR (Japanese Association for Dental Research) will be held at Nagai Memorial Hall on December 6-7th, 1997.

The 1997 officers for DMGC-Japan are:

- President: Dr. Katsuichiro Inoue (Kagoshima University)
- President-Elect: Dr. Atsushi Kohno (Tsurumi University)
- Immediate Past-President: Dr. Hirokazu Hashimoto (Meikai University)
- Secretary: Dr. Junzo Takahashi (Osaka University)
- Treasurer: Dr. Takashi Miyazaki (Showa University)
- Board Members: Dr. Osamu Okuno (Tohoku University), Dr. Takaya Kawakami (Shofu Inc.), Mr. Kazuhiko Watanabe (GC Corporation)
- Inspector: Mr. Kentaro Tomioka
- Advisor: Dr. Yoshiaki Tani (Kyoto University).

Junzo Takahashi, secretary, DMG-Japan

South Africa
The Dental Materials Group - S.A. Chapter presented two successful continuing education courses for its members and dentists.

Dr. Alton Lacy, Associate Professor, Department of Restorative Dentistry, School of Dentistry, University of California, San Francisco presented a two day course in Midrand, Johannesburg on March 10-11, 1997 and a one day course in Cape Town on March 13, 1997. The well attended courses were titled - Bonding Dentistry into the 21st Century.

Members of the Dental Materials Group - S.A. Chapter will present Oral and Poster Presentations at the first joint congress of the South African Division and the East and Southern section of the IADR on October 5-7, 1997, in Cape Town. Members will compete for the Hugo Retief Award (Best Oral Presentation) and the Charles Valcke Award (Best Poster Competition) in the Dental Materials Section.

CT Botha, President, DMG-South Africa

News from the Academy of Dental Materials
The Third International Congress on Dental Materials, a joint meeting of the Academy of Dental Materials and the Japanese Society for Dental Materials and Devices, will be held November 4-8, 1997 at the Sheraton Waikiki Hotel, Honolulu, Hawaii. The main theme of the 12 invited presentations is “Dental Materials and Devices for the 21st Century.”

There will also be two half-days of oral and poster presentations. For further information, contact Toru Okabe (fax 214-828-8458, USA) or Yoshiaki Tani (fax 81-75-751-4144, JAPAN).

The Academy of Dental Materials will be holding a one-day satellite symposium preceding the IADR meeting at the Nice Acropolis, Nice, France, on June 22, 1998. The symposium “Experimental Techniques for Critical Biomaterials Properties,” is organized by Drs. David Watts (Manchester, England) and Jean Camps (Marseilles, France), and will feature presentations on fracture toughness evaluation, adhesion testing, surface spectroscopy, atomic force microscopy, and electrochemical techniques for measuring microleakage. Look for an announcement soon.

Jack L. Ferracane, President, ADM

Dental Materials e.j. (electronic journal)
A complete issue of Dental Materials e.j. will be available at http://www.ohsu.edu/sod/dentmat on October 1, 1997. The October issue will include a selection of articles from those published in 1997 that will demonstrate the capabilities and potential for electronic publishing of the journal. A survey will be attached for feedback to the editors.
1998 AADR, Minneapolis, MN Schedule of Events

Tuesday, March 3
1:00 pm - 5:30 pm  AADR Council Meeting

Wednesday, March 4
8:00 am - 4:00 pm  AADR Hatton Awards Competition
8:00 am - 5:00 pm  Registration Open
9:00 am - 12 Noon  AADR/AADS/NIDR Jointly-sponsored symposium
12:30 pm - 2:00 pm  AADR Board Meeting
1:30 pm - 4:00 pm  Symposia
2:00 pm - 4:00 pm  Oral Sessions
4:15 pm - 5:30 pm  Opening Ceremonies
5:30 pm - 7:00 pm  Welcome Reception

Thursday, March 5
7:00 am - 5:00 pm  Registration Open
7:30 am - 9:00 am  AADR Institutional Section Breakfast
8:00 am - 12 Noon  Poster Viewing Open
8:30 am - 11:00 am  Symposia
11:00 am - 5:00 pm  Exhibition Open
11:00 am - 12 Noon  Poster Presentations
12 Noon - 1:00 pm  Lunch Break
12 Noon - 1:30 pm  SRG Faculty Advisors’ Luncheon
1:00 pm - 5:00 pm  AADR Committees’ Lunch
1:30 pm - 4:00 pm  Symposia
2:00 pm - 4:00 pm  Oral Sessions
4:00 pm - 5:00 pm  AADR/AADS/NIDR Jointly-sponsored symposium
4:15 pm - 5:30 pm  Opening Ceremonies
5:30 pm - 7:00 pm  Welcome Reception

Friday, March 6
7:30 am - 9:00 am  AADR Publication Committee Breakfast
8:00 am - 5:00 pm  Registration Open
8:00 am - 12 Noon  Poster Viewing Open
8:30 am - 11:00 am  Oral Sessions
9:00 am - 5:00 pm  Exhibition Open
11:00 am - 12 Noon  Poster Presentations
12 Noon - 1:00 pm  Lunch Break
12 Noon - 1:30 pm  SRG Faculty Advisors’ Luncheon
1:00 pm - 5:00 pm  AADR Past Presidents’ Luncheon
1:30 pm - 4:00 pm  Symposia
2:00 pm - 4:00 pm  Oral Sessions
3:00 pm - 5:00 pm  Group Business Meetings
4:00 pm - 5:00 pm  Poster Presentations
5:00 pm - 6:00 pm  Group Business Meetings
5:00 pm - 8:00 pm  AADR SRG Business Meeting and Reception

Saturday, March 7
7:30 am - 8:30 am  New Member Breakfast
8:00 am - 5:00 pm  Registration Open
8:00 am - 12 Noon  Poster Viewing Open
8:00 am - 12 Noon  Exhibition Open
8:30 am - 11:00 am  Symposia
9:00 am - 11:00 am  Oral Sessions
11:00 am - 12 Noon  Poster Presentations
12 Noon - 1:00 pm  Lunch Break
12 Noon - 1:30 pm  Lunch & Learning Session #2
12 Noon - 3:00 pm  GPC Luncheon Meeting
12 Noon - 5:00 pm  Oral Sessions
3:00 pm - 5:00 pm  Oral Sessions
5:00 pm - 6:00 pm  Group Business Meetings
6:00 pm - 8:00 pm  Group Business Meetings

NOTE: Hands-on Workshops will be scheduled throughout the meeting based on the number of proposals accepted.
Obituary

A. John Gwinnett
1936 - 1997

John Gwinnett died just three days short of formally receiving the Wilmer Souder Award at the opening session of the 1997 IADR meeting in Orlando, Florida. John was truly deserving of this acknowledgment of his contributions to the scientific literature.

His background in Oral Biology beautifully prepared him for his contributions to dentistry. John began his research career with the study of enamel-fluoride and caries. With this background he found himself in the right position when he joined Mike Buonocore at Eastman in the mid-60's. This one year fellowship set the pattern for his life's work.

From Eastman, John moved to the dental schools at Dalhousie and then Western Ontario before finally settling at Stony Brook in 1973. He was Professor in the Department of Oral Biology and Pathology, and Director of Dental Materials Research at SUNY at the time of his death. John contributed 150 papers to the dental literature.

After his early work in enamel research, he shifted his efforts to the study of sealants and then on to most phases of adhesive dentistry. His expertise in microscopy led to the evaluation of the interfaces in adhesive systems. He contributed substantially to the understanding of the relationship between dentin hydration and improved adhesion.

John’s mastery of the SEM was legendary as his papers so well demonstrate. His expertise in this field attracted the attention of colleagues in the field of archeology. This collaboration produced 36 publications in the area of analyzing the tool marks left by diamond drills on beads and other ancient artifacts.

John was a master educator, both at the undergraduate and graduate levels. He was a popular continuing education lecturer and was in continual demand around the world. In addition, he was an outstanding moderator and chair of numerous symposia in his area of expertise.

John, your expertise, and above all, your friendliness will be greatly missed. You had many years yet to go and a great deal to add to our knowledge.

The Dental School at SUNY has established an endowment to honor John’s memory. This fund will be used to award an annual scholarship to an outstanding student in Oral Biology. Please send your contributions to:

Dr. A. John Gwinnett Memorial Scholarship
S.U.N.Y. at Stony Brook
School of Dental Medicine
Office of Academic Affairs
Stony Brook, NY 11794-8709

John’s wife, Irene, can be reached at:

8 Woodhull Cove
East Setauket, NY 11733

Jack Mitchem

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