



american  
academy  
of  
gold foil  
operators

# Gold Leaf

JANUARY 1990

Administrative Office - 2514 Watts Road Houston, Texas 77030 (713) 664-3537

#### PRESIDENT

Dr. William H. Harris  
241 N. Kanawha Street  
Beckley, WV 25801  
(304) 253-6922

#### PRESIDENT-ELECT

Dr. Michael A. Cochran  
1121 W. Michigan  
Ind. Univ. Sch. of Dentistry  
Indianapolis, IN 46202  
(317) 274-8686

#### VICE-PRESIDENT

Dr. Alfred C. Heston  
1166 Paulson Bldg.  
Spokane, Washington  
(509) 838-4165

#### SECRETARY-TREASURER

Dr. Nelson W. Rupp  
9125 Levelle Drive  
Chevy Chase, MD 20015  
(301) 975-6810

#### EXECUTIVE COUNCIL

1990-Dr. Richard J. Hoard  
1991-Dr. Ralph L. Lambert  
1992-Dr. Maurice E. Logan

## Annual Meeting AMERICAN ACADEMY OF GOLD FOIL OPERATORS

### Minutes of Board Meeting

The Executive Council of the American Academy of Gold Foil Operators met on Tuesday, October 31, 1989, in the St. James Room of Four Seasons Olympic, Seattle, WA.

The first order of business was announcements from Dr. David Bales. Dr. Bales welcomed the group to the Northwest Area, especially the University of Washington School of Dentistry. He outlined for the group the aseptic and sterilization policy that must be followed by the clinicians and those observing.

As editor of the Journal of Operative Dentistry, Dr. Bales gave the interim report. It was noted from this account that the Board of Directors of the Journal will meet 7th February at 8:00 in Chicago. At this meeting the editor and managing editor will be requesting an increase of \$10.00 in the journal subscription rate effective 1 January, 1991. Dr. Bales also requested that this board be prepared to name a new editor at the February 1991 meeting.

Following these announcements the president, Dr. Richard V. Tucker, proceeded with the regular business of the board.

The minutes of the February 15, 1989 meeting were approved as printed in the September 1989 issue of the Gold Leaf.

The treasurer's report was presented by Dr. Nelson Rupp. This report was approved as read.

### COMMITTEE REPORTS:

**Program** — Dr. Michael A. Cochran, chairman of clinic plans

Dr. Cochran expressed his appreciation to Dr. Tucker and Dr. Ed Gordon for their assistance in filling the roster of clinicians for the meeting. It is believed that the number of 34 is the largest number ever to operate at an annual meeting. He announced that there would be a number of critiquers, each being assigned three or four operations to observe and critique. Each operator will receive a written review of his performance. It was noted that these reports would be very general but hopefully helpful to the clinician.

There was some opposition to the new approach to reviewing clinical procedures. Following the discussion it was decided that it would be tried this time and the results be evaluated at the next board meeting.

**Essay Program** — Dr. William Harris, chairman, reported that all was in order and that the lectures should provide subject matter that would be helpful as well as informative.

**Membership** — Dr. Don Benson reported that the committee was recommending the following:

#### Associate Membership

Dr. Robert L. Bruna	Ferndale, WA
Dr. Christianne Guba Cochran	Indianapolis, IN
Dr. Burdette R. Hansen	Bellingham, WA
Dr. Philip Walter Madden	Anacortes, WA
Dr. William Edwin Morris, Jr.	Eden, NC
Dr. Richard Wilson Nash	Burlington, WA
Dr. William D. Theobald	San Antonio, TX
Dr. George W. Tysowsky	W. Amherst, NY
Dr. Robert Bruce Walter	Seattle, WA
Dr. Sarah Jane Werner	Menomonie, WI
Dr. Kenneth C.L. Wu	Vancouver, BC, Canada
Dr. Robert L. Bruna	Ferndale, WA
Dr. David Thorburn	Vancouver, BC, Canada
Dr. Richard Teich	Post Falls, ID

#### Associate Reinstatement

Dr. Richard J. Rotter Seattle, WA

#### Active Membership

Dr. Peter Charles Bradley Victoria, BC, Canada

#### Life Membership

Dr. C.A. DeLaurentis	Coronado, CA
Dr. J. Bennett Hooker	Terrell, TX
Dr. Alfred Seip Schuchard	Atherton, CA
Dr. John F. Stewart	Temple City, CA
Dr. Thomas M. Allensworth	Gainesville, FL

#### Honorary Membership

Dr. Walter P. Keith - Hygiene Corp. Akron, OH

The report was approved as read.

#### Gold Foil Achievement

Dr. Ronald K. Harris, chairman, announced that this is the first achievement award to be given by the Academy and Vic Williams. The recipient would be Dr. Craig Bridgeman and the presentation would be made at the breakfast meeting on Thursday, November 1, 1989.

#### Education — Dr. Ronald Zokol, chairman

No report.

#### Literature and Research — Dr. Timothy J. Carlson, chairman

It was announced that a great deal of interest had been manifested in the "Chronological Listing of Direct Gold References." The Administrative office had sold all copies on hand. More copies will be available soon. Dr. Carlson reported that there was an updated insert now available.

#### Nominating — Dr. Robert Wolcott, chairman, made the following report:

The nominating committee offers the following members as nominees for office in 1989-90:

President — Dr. William H. Harris  
President-Elect — Dr. Michael A. Cochran  
Vice-President — Dr. Alfred C. Heston  
Secretary-Treasurer — Dr. Nelson W. Rupp  
Executive Council: 1990 — Dr. Richard J. Hoard  
1991 — Dr. Ralph L. Lambert  
1992 — Dr. Maurice E. Logan

The nominations were approved.

#### Public Relations — Dr. David Bridgeman, chairman

No report.

#### Necrology — Dr. Paul Loflin, chairman

Reported in addition to Drs. Bergeron and Gaver remembered at the February meeting was the great loss of Dr. Robert Bridgeman and Dr. Bill Miller, retired member.

#### Distinguished Member — Dr. George Ferguson, chairman

Dr. Robert Wolcott — award recipient to be presented by Dr. Nelson W. Rupp during the banquet on November 1, 1989.

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### Unfinished Business —

1990 meeting — Boston, Tufts University School of Dentistry, host school Omni Parker House — headquarters hotel. Meeting dates: Wednesday, October 10, Thursday, October 11, and Friday, October 12. Drs. Robert Keene, William Pike and Maurice Logan were present and will be serving as local arrangements committee. The board was honored to have Dr. Robert Baker from Tufts as guest for the meeting. Further details for this convention will be discussed at the February meeting.

Dr. Rupp reported that plans were underway with the University of British Columbia School of Dentistry for the 1991 meeting.

It was announced that a new Roster will be printed in the spring of 1990. It was requested of the Administrative office that additional information be included in the next issue of this Roster. It was decided that a questionnaire be mailed with the dues notices.

Dr. Tucker, president, announced that he hoped all enjoyed the program planned for the week. He particularly wanted to bring attention to the lovely hospitality room being provided by the Associated Ferrier Clubs. Dr. Tucker encouraged all to enjoy this added amenity to the meeting.

There being no further business, the meeting was adjourned.

The following members were present: Dr. Richard V. Tucker, Dr. William Harris, Dr. Michael A. Cochran, Dr. Alfred C. Heston, Dr. Richard J. Hoard, Dr. Ralph L. Lambert, Dr. Maurice E. Logan, Dr. Nelson W. Rupp, Dr. William Pike, Dr. Robert Keene, Dr. Robert Baker (guest), Dr. Timothy J. Carlson, Dr. David Bales, Dr. Bruce Smith, Dr. Robert B. Wolcott, and Dr. George W. (Bill) Ferguson.

Respectfully Submitted,

Dr. Nelson W. Rupp  
Secretary-Treasurer

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## Committees 1989 – 1990

### PROGRAM

Dr. Michael A. Cochran (c)  
Dr. Alfred C. Heston  
Dr. William Pike

### LITERATURE AND RESEARCH

Dr. Timothy Carlson (c)  
Dr. David Bales  
Dr. Michael Cochran  
Dr. Douglas B. Roberts  
Dr. Francis J. Robertello  
Dr. Robert Birtcil  
Dr. Sil Stranwold  
Dr. Susan Aulde Moore

### NOMINATING

Dr. Perry Dungey (c)  
Dr. Richard V. Tucker  
Dr. Nelson W. Rupp

### INTER-ACADEMY LIAISON

Dr. W.H. Harris (c)  
Dr. Richard V. Tucker  
Dr. Nelson W. Rupp

### MEMBERSHIP

Dr. Don Benson (c)  
Dr. Glen E. Gordon  
Dr. David Edwards  
Dr. William Pike  
Dr. Leo Fleckenstein

### PUBLIC RELATIONS

Dr. David Bridgeman (c)  
Dr. Thomas Allensworth  
Dr. James V. Gourley  
Dr. Matt Panar  
Dr. Frederick E. Westgate  
Dr. Richard D. Tucker  
Dr. Ted Stevens  
Dr. Robert Keene

### NECROLOGY

Dr. William J. Roberts (c)  
Dr. Barry Evans

### EDUCATION AND STUDY CLUBS

Dr. Glen Birkitt (c)  
Dr. William Frank  
Dr. Henry A. St. Germain  
Dr. Howard Peterson, Jr.  
Dr. Richard Hart

### GOLD FOIL ACHIEVEMENT AWARD

Dr. Ronald K. Harris (c)  
Dr. Julian Thomas  
Dr. Craig Bridgeman

### DISTINGUISHED MEMBER

Dr. Jose Medina (c)  
Dr. Chester Gibson  
Dr. Robert Wolcott

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## Important Notices

### Chronological Listings of Direct Gold References"

Bound copies of the publication are now available. This reference was compiled by the Literature and Research Committee of the American Academy of Gold Foil Operators, under the chairmanship of Dr. Michael Cochran. This comprehensive, up-to-date bibliography may be purchased from the Academy. Please send check for \$25.00 (U.S.). Overseas members please send money order for \$30.00 (U.S.).

Payable to AAGFO.

Mail to Administrative Office  
Mrs. Nell M. Faucett  
2514 Watts Road  
Houston, Texas 77030

### Board Meeting

February 7, 1990  
Consulate 1 — III Rooms, Westin Hotel, Chicago  
Time 3:00 p.m. to 6:00 p.m.

### Important Notice

If you failed to receive your Dues Notice with the enclosed survey questionnaire, please contact the administrative office at:

AAGFO  
2514 Watts Road  
Houston, TX 77030  
(713) 664-3537

It is important that all information be in by March 31, 1990, in order to complete work on the Roster.

## Our New Board of Directors



The new Board for 1989-1990: President - Dr. William Harris, President Elect - Dr. Micheal Cochrane, Vice President - Dr. Alfred Heston, Councillors - Dr. Maurice Logan, Dr. Richard Hoard and Dr. Ralph Lambert, Secretary-Treasurer - Dr. Nelson Rupp.

## Banquet Gathering



Dr. David Bales presents the Academy Crest to President Tucker.



President Richard Tucker introduces head table.



Dr. Melvin Lund inducts the New Board.



President Dr. William Harris presents Dr. Richard Tucker with Past President's Plaque.





The Head Table: President Elect Dr. William Harris, Mrs. Riddugh, Associate Dean Fan Riddugh, President Richard Tucker, Mrs. Elaine Tucker, Dr. Michael Cochrane, Mrs. Christine Cochran, Dr. Nelson Rupp and Mrs. Helen Rupp.







President Richard Tucker thanking Dr. David Bales for hosting our meeting.

## Distinguished Member Award – 1989

### Dr. Robert B. Wolcott



Dr. Nelson Rupp presents the Distinguished Member Award to Dr. Robert Wolcott.

This evening we have the opportunity to signally honor one of our members by granting to him the Distinguished Member Award. It is both fitting and proper that this Academy have an honor that recognizes excellence not only in the delivery of dental care but also in the provision of service according to the tenets of our Academy, for excellence is the warp of our fabric. It is the foundation, yes, the heart of our Academy. Gold Foil operations just simply require excellence. It is also proper and fitting that we give this honor to this charter member, but before naming or identifying this individual, a bit of background.

Wisconsin, the Badger State — the home of such individuals as

LaFollette, Senator Proxmire, the Green Bay Packers, the Milwaukee Bucs, and Ralph Werner. Born in Janesville, educated at Beloit College, received his dental degree at Marquette University, and called, almost immediately, to duty with the United States Navy. His unique talents as a clinician and leader earned him an assignment to the United States Naval Dental School at the National Naval Medical Center, Bethesda, Maryland. Here as chairman of the Operative Department, he not only taught clinical sciences and skills but indoctrinated recently enrolled dental officers. His insistence on perfection applied first to his own efforts and then to those of his associates. Excellence — who could teach it





Dr. Robert Wolcott with the award for Distinguished Member.

better than one who displayed it. Handsome, impeccable in his uniform at all times.

He was also selected by the Navy for graduate training at Georgetown University and at the same time he was loaned to the National Bureau of Standards to conduct research and to carry out clinical procedures for evaluation by the Bureau staff. He earned a Master of Science degree at Georgetown. His first publication was of the classic study on percolation with Bob Nelson. This work is frequently referenced because Nelson and Wolcott were the first to demonstrate clinically the microleakage of restorations because of the difference in thermal expansion of tooth and restorative materials. Yes, Robert Bullis Wolcott is the one we are honoring.

Dr. Wolcott's research efforts really never ceased. He was active not only at Bethesda but at several other Navy activities. Nor was his teaching confined to the Naval Dental School. Wherever he was assigned, he guided those less experienced and knowledgeable. He inspired countless young dentists whose professional lives were changed by his influence and guidance.

For some of you who have never served in the armed forces dental service, you may wonder how Navy dental people know so much about the professional competency of their fellows. Well, you see, every time a doctor does a dental procedure, he must sign his name. After a few years, one leaves complete documentation of his ability and his character and ideals.

The retirement from the Navy. A dilemma of choice. Where to teach? For there was a long list of possible schools anxious to employ highly

desirable Bob. he chose the University of California at Los Angeles. Lucky UCLA!

Dr. Reider F. Sognnaes had been selected as the Dean with the assignment to form this new dental school. One of his first recruits for the faculty was Dr. Wolcott. Bob was given the tasks of recruiting the clinical faculty and designing the clinical facility. These two tremendous responsibilities he completed with such success that he is considered by those close to the school as the one responsible for its excellence. It is correct to say that Bob Wolcott built much of the greatness that has been and is UCLA — sort of like John Wooden and the UCLA basketball program. Bill Ferguson told me (quote): "Just the other day I met a young dentist on the staff of one of our Providence Hospitals. She was from UCLA, and she confirmed all I am saying about Dr. Wolcott, only in more glowing terms."

While active as the chairman of Operative Dentistry at UCLA, Bob constantly debated the California State Board to keep gold foil as a requirement for the Board exam. His main point was that he taught gold foil because of its excellence as a restorative material and not as popularly claimed — "because it was a State Board requirement." Another of Bob's successes was the organization of a gold foil study club among his faculty members, one of the few such study clubs in a dental school.

This Distinguished Member Award is for excellence, and nowhere is excellence more in evidence than in Bob's clinical and academic teaching and administrative roles. His programs were imaginative in depth and broad in spectrum. He is a sharing teacher. This was quite evident in his great efforts in bringing the interschool Project Accord to success. UCLA, under his guidance, led one-third of the schools of the United States. And since that time he devised a teaching exchange program of operative teachers throughout the United States.

Dr. Wolcott, a charter member of our Academy, has served us long and well. He has been its President and has completed many other assignments. He served for 12 years as the Editor of the *Journal of the American of Gold Foil Operators*. Not only was this a heavy and important service, but just imagine facing that deadline for those years of editing and publishing this frequently referenced journal. When the Academy of Operative Dentistry was formed, the two academies joined to publish the journal, *Operative Dentistry*.

He was always dedicated to operative dentistry and to all its many facets. If excellence is your standard, it is always demanding. He picked the tough ones — gold foil — amalgam — inlays — onlays — yes, and resin, too. He was also a devoted "DAM" man. In fact, he developed courses and techniques for teaching rubber dam.

Today we are an academy dedicated to excellence in carrying out a fundamental of our charter by honoring Dr. Robert Wolcott by presenting him with our Distinguished Member Award.

Respectfully submitted,  
Distinguished Member Award Committee  
George W. Ferguson, Member and Chairman  
Nelson W. Rupp, Member  
Ted Ramage, Member

## Clinic Session



Drs. Woody Rupp, Ludlow Beamish, Bill Roberts, Bob Allen, Ted Ramage and Dick Tucker.



Drs. Paul Dawson, Floyd Hampsen and David Benson.



Dr. Jan Drew completes a Class I.





Dr. George Ghosen



Dr. Pamela Butterfield polishing a Class V.



Dr. Bruce Smith and Dr. Dick Tucker.



Dr. Kenneth Wa



Dr. Glen Birkett makes a final check.



Dr. Ferguson and Dr. Hoard view the fine exhibition.



Dr. Chester Gibson



Dr. Christine Cochran



Dr. Richard Rotter



Dr. Timothy Carlson



Dr. Brigitta Brown



Dr. Craig Spowart





Dr. Jerry Stibbs



Drs. Ian Hamilton, Allan Osborn and William Roberts.



Dr. Matt Panar



Dr. Lloyd Baum working on Luke the Sky Walker. He later denied placing the nose ring or the diamond stud.



Steady, aim, fire.



Dr. Ian Hamilton and Dr. Ralph Werner.

## Didactic Session



President William Harris introduces the Didactic Session.



Our Italian members assembled for the Didactic Session.



Dr. Ronald Harris presents Dr. Craig Bridgeman with the William's Award.



Dr. Craig Bridgeman, recipient of the William's Gold Junior Achievement Award, thanking the Academy.



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## **Dr. Richard Hart**

### **“Teaching Gold Foil In The 90s”**

Took us through the facility and curriculum in the University of West Virginia where Foil occupies an active part in undergraduate teaching. Descriptions of the various classifications of restoration required, and the philosophy entailed, the various types of foil utilised, the selection of instruments made available to students.

Dr. Hart noted that there had been some difficulties with McShirley mallets in regards to quality control both in the instruments and the points for the electric mallets. The danger of staff and/or student resistance is increased by such problems.

The importance of a supportive Dean, and Study Clubs influencing the continuance of high quality education was particularly noted.



Dr. Richard Hart

## **Dr. Gregory Smith**

### **“Craftsmanship — A Close Look at the Details in Restorative Dentistry”**

Considered the importance of the special skills required for dentistry, along with science, in a word — craftsmanship. Dr. Smith compared the skills required for the enduring architectural and art treasures with those required to perform fine detailed work in the mouth.

Using the S.E.M. various preparations were demonstrated using carbide burs, diamond and hand instruments. Diamonds demonstrated roughness even with the FINEST grit. Always present was a degree of smearing whichever rotary instrument was used. Hand instruments clean up lumpy preparations and can give a margin equivalent to, or equally as smooth as, a 12 blade bur. An excellent gingival margin can be produced by a margin trimmer or by a 12 blade bur at SLOW used without water. (Normally T.C. burs at HIGH speed without water spray give rougher margins.) Dr. Smith went on to look at the hardness of the hand instruments following autoclaving, and the influence of sharpening and utilization upon the condition of the blade tip.

Dr. Smith completed his lecture by addressing the use of gold foil and the importance of good compaction technique.



Dr. Gregory Smith

## **Dr. Richard Hoard**

### **“Direct Filling Gold and the Dental Education System**

Dr. Hoard examined the experience of gold foil in today's education system, looking at the current level of requirements in the North American schools and the attitudes of students towards the learning experience as it related to gold foil.

Dr. Hoard stressed that we should not consider ourselves to be in competition with other treatment modalities, but that gold foil is an important adjunct therapy, which is extremely useful and well appreciated by students as a means to hone skills to a level of excellence.

Encouraging in today's Gold Foil Academy is the predominance of younger members.



Dr. Richard Hoard

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## Dr. Lloyd Baum

### "Improved Powdered Gold as Restorative Material"

Dr. Baum discussed the various types of gold foil showing SEM studies of sheet gold, and crystalline foil, going on to describe electro deposition for crystalline gold at a rate too rapid for plating. Then powdered gold, an amorphous formation of different sizes formed by atomising or chemical precipitation.

The formation of Goldent was shown with the powder placed in a wax matrix and wrapped in gold foil to be burned off in the annealing process.

Dr. Baum described the experimental work whereby gold powder in a vacuum was stirred on a heating plate and began to cohere at a temperature of 700 - 800°F - after 20 minutes this cohesiveness was gone. The Easygold has been designed to move more easily in the preparation, should be heated to eliminate wax and glow, and be used within 2 - 3 minutes. The differences between the various types of gold foil and their individual handling characteristics was emphasized, but above all the importance of condensation was stressed, with an adequate foil reaching a specific gravity approaching 17.5.

For powdered gold the preparation should be more box like, avoiding flares which are possible with gold foil.

Finishing with finishing burs and burnishing, and in the Class V with discs, should be a simple safe routine, with burnishing contributing to the hardness of the surface.



Dr. Lloyd Baum



Dr. Melvin Lund

## Dr. Melvin Lund

### "Direct Gold — As It Contributes to Education and Treatment"

Dr. Lund brought together the concept of different techniques being suitable to operators of various backgrounds and persuasions. Looking at the surfaces that we achieve in various materials, whether amalgam or cast gold, Dr. Lund noted the importance of polishing to achieve smooth optimum results.

In describing the Glass Ionomer surface Dr. Lund stressed that this could never smooth out, something that Dr. Smith had previously confirmed, that it attached reasonably well to enamel, but dentin bonding remained to some extent a question mark.

The importance of reconciling loading and unloading stresses and dimensional stability in a restorative material is paramount. Dr. Lund stressed the importance of maintaining proper proportions in the curricula systems, and the difficulties of dealing with the lower half of the class who may be less comfortable with the more challenging aspects of the curriculum. What ever we do must be done to a well disciplined system, but we must get our value systems to be demonstrably worthwhile in our teaching programmes.

Isolation for Glass Ionomer and other restoratives is identical to Gold Foil, this makes Gold Foil very valuable in the curriculum. Margin repairs, Class I and Class VI foils are extremely easy to accomplish and should be in every practitioners armamentarium. Dr. Lund suggested that teachers should not involve themselves in philosophy of the state boards, options should be available.

## Direct Gold Technique Course

After a one year lapse, the Basic and Advanced Direct Gold technique courses will once again be offered at Indiana University School of Dentistry in Indianapolis. The courses, co-sponsored by the American Academy of Gold Foil Operators and the Academy of Operative Dentistry, were originally designed to assist educators in learning or relearning the skills involved in direct gold (gold foil) technique. In recent years, the course has been made available to private practitioners as well, meeting with a fair degree of enthusiasm by those participating.

The dates for the next course will be May 22-25 inclusive. (This is just prior to the Indianapolis "500" race, so it could be a combined trip.) Cost for the four day courses, which run concurrently, will be \$100 for the Basic and \$150 for the Advanced. Both courses

consist of didactic, lab, and clinical portions, with all instruments, materials, facilities and patients furnished.

Interested parties should contact:

Dr. Ronald K. Harris  
School of Dentistry  
1121 W. Michigan Street  
Indianapolis, IN 46202

Telephone: (317) 274-8686

Participants will be placed in accordance with time of application. Payment of fee will insure a place in the class. Checks may be made payable to "Gold Foil Course".



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## From The Associated Ferrier

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### September Direct Gold Restoration Course



A three-day course on direct gold restorations was held September 21, 22, 23, at the University of Washington, School of Dentistry. Eight dentists enrolled in and completed the course. There were 33 successful direct gold restorations placed. The course presented didactic material supplemented with a manual on the class 1, class 2, class 3, class 5, class 6, and variations in design of several preparations. Study models of all the preparations were available. The participants' dental assistants were invited to attend all lectures. The instructors also gave clinical demonstrations on the class 5 and the class 3 restorations. Clinical critiques of the operations were given in

the usual study club fashion. Those doctors participating were: Dr. Giancarlo Gallo, Dr. Richard I. Johnson, Dr. Gideon S. Nussbaum, Dr. James K. Muller, Dr. Bruce R. Walter, Dr. Kinley K. Adams, Dr. Ralph A. Nord and Dr. Philip W. Madden. The participants were enthusiastic and eager to learn about gold foil restorations. All of the participants expressed a desire to take the course again. The instructors were: Drs. J. Martin Anderson, Richard H. Johnson, Ralph G. Stenberg, and Richard D. Tucker.

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### Letter to the Editor

Dr. Allan Osborn  
Medical Arts Building  
Suite 406  
Winnipeg MB Canada R3C 3J5

Dear Dr. Osborn:

As per your request, I have spoken with Vic Williams as to the background of the Gold Foil pins and feel now I can explain the same to you.

In 1986 Williams Gold Refining Company was sold to Brush Wellman. At that time, Williams Gold Refining was made up of two divisions, industrial and dental. Brush Wellman sold the dental division to Ivoclar AG from Liechtenstein. Thus, Williams Dental Company, Inc. was created.

Vic Williams was always involved with the American Academy of Gold Foil Operators. People in the dental industry expressed fears that since Vic was no longer involved in Williams Dental Company, that the support to the American Academy of Gold Foil Operators would cease. As a gesture of good faith, the management of Williams Dental Company, Inc., had the gold pin designed. It was felt that this pin would certainly show our dedication to the Academy.

Members interested in purchasing a pin would pay our cost of \$40.00. Williams Dental would subsequently pay 1/2 of the cost (\$20.00) to the American Academy of Gold Foil Operators in support of continuing education.

Sincerely,  
WILLIAMS DENTAL COMPANY, INC.

Joan C. Smith  
Assistant to the Vice President - Sales



*Nelson W. Rupp*



**american  
academy  
of  
gold foil  
operators**