



american
academy
of
gold foil
operators

Gold Leaf

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EXECUTIVE COUNCIL

1996 Dr. R. Craig Bridgeman
1997 Dr. Timothy J. Carlson
1998 Dr. Richard D. Tucker

AMERICAN ACADEMY OF GOLD FOIL OPERATORS

Annual Board Meeting

November 1, 1995

COTTAGES AT SHIPYARD CONFERENCE CENTER - BOARD ROOM

Meeting was called to order at 2:05 PM by President Glenn Birkitt. Members present were: Drs. Birkitt, Evans, Ramage, Eichmiller, Bridgeman, Carlson, Harris, Johnson, Ron Zokol and Debbie Zokol.

The agenda for the meeting and interim financial report were distributed to all present. Minutes of the February Board meeting were approved as published in the Gold Leaf. The financial situation was described as excellent. The Secretary/Treasurer stated that membership was down a bit, as those who had been delinquent after several notices, were being dropped.

Treasurer's Report:

An interim report was distributed to all present which consisted of the following:

Assets - October 26, 1995

CD*	\$ 14,727.93	Matures 6/12/97
CD	25,000.00	Matures 11/12/95
Checking	<u>33,584.98</u>	

\$ 73,312.91

*Took a penalty for early withdrawal on \$15,000 CD in order to receive higher rate of interest (6.85 vs 4.18). Interest is compounding vs. receiving monthly payment.

Receipts - 1995 \$ 39,639.27

Expenditures - 1995 19,985.97

Net gain/loss +\$ 19,653.30

Assets - January 1, 1995

CD 15,000.00

Money Market 25,764.84

Checking 17,801.94

Receipts not deposited +1,180.00 \$ 58,143.49

Difference in Assets during 1995 \$ 15,169.42

Dues + Journal Subscriptions* 25,870.00

Journal Subscriptions Paid 12,625.00

Dues Received - 1995 13,245.00

*Note: These figures do not coincide with "Receipts" and "Expenses" lists, because much of this amount was received in late 1994.

Total members 303

Dues paying members - 219 (net down 6 due to transfers to Life, deceased and dropouts).

Financial Report was accepted.

Correspondence:

José Medina's wife is or will be undergoing therapy or surgery for lung cancer at this time, so he sent his regrets in not being able to attend the meeting.

Letter from widow of Dr. Steve Lynch.

Note of regret from Almore for not being able to participate.

Note from a student Achievement Award winner thanking the Academy.

Letters of resignation from several members.

Journal Report:

Report from Editor Dick McCoy was distributed to all present. Manuscripts are being received at a steady rate, and waiting time for publication is about one year. Subscriptions and income are down by about 5% from 1994. Change in policy for Student Achievement Awards now allows recipients to get issues from the last part of the current year, as well as an entire year following. Another symposium is in progress with Drs. Fred Eichmiller and Wayne Barkmeier, so a supplement will be done, probably in 1997.

Annual Meeting Report:

Barry Evans stated that presentations were in good order. Outside speakers don't receive an honorarium, but are simply reimbursed for transportation and expenses. Since one of the speakers was not able to present, Fred Eichmiller will fill the vacancy on Saturday morning.

Ted Ramage said that the clinical session should be in shape after a lot of nervousness. Lesions have been secured and the facilities look great. Ted and Ron have com-

mitted to present some preliminary information on direct golds to assisting personnel at Parris Island.

Attendance is not as high as anticipated for this meeting.

Future Meetings:

1996 - San Antonio. Clinic facilities have been arranged at UTHSC and hotel will be the Hilton Palacio del Rio. Dates are November 6-10.

1997 - Vancouver. Proposed dates are September 11-14. Ted Ramage will follow up.

1998 - Meharry at Nashville, Tennessee. Dates to be determined later.

Board members, etc. who incur expenses for postage, phone calls, etc. should turn in requests to the Secretary for reimbursement.

Committee Reports:

Though not a committee report as such, Mr. Craig Charters of the Dental Health Institute was introduced. The primary function of this young organization is to promote the use of gold in dentistry. Brochures and information are available upon request. The direct phone number for information is 1-800-852-1544. More details will be published in the Gold Leaf.

Literature and Research - Fred Eichmiller presented his report with few changes from the interim in February.

Nominating Committee - Richard D. Tucker will be the junior Board member.

Inter-Academy Liaison - no report.

Public Relations - Ron Zokol's report included a discussion of insurance coverage in British Columbia regarding the use of direct gold for repairing, rather than replacing cast gold restorations. Also, a clinic at UBC was named in honor of Dr. Gerald Stibbs.

Education and Study Clubs - Warren Johnson reported on a five day Gold Foil Course at the University of Washington in September 1996. It is intended to recur every other year. It was hoped that the Indiana course or something similar might take place in between.

Necrology - Bill Roberts was not present but 8 members passed away in the last year.

Outstanding Clinician - Mike Cochran's committee has selected Richard Hoard this year.

Distinguished Member - The awardee this year is Ralph Werner and Lloyd Baum will make the presentation.

Constitution and Bylaws - There being no suggested changes to the recently rewritten document, the Board passed and the attending membership will vote for acceptance Friday.

Gold Leaf:

Allan Osborn was not present, but had suggested that two issues per year would suffice.

Unfinished Business:

Membership report was presented. Nine members have not responded to repeated communications so will be dropped from the rolls. Three others voluntarily decided to withdraw. Eight new members will be voted upon at this meeting, and several applications are forthcoming.

Student Achievement Awards - a number of schools have either been negative for three or more years, or not responded to our offer at all. They will not receive the offers in the future unless they happen to request consideration.

New Business:

Change in times and location for exhibitors to do their thing for better exposure. They will be available outside the lecture room during breaks, and before and after the essays.

The meeting was adjourned at 4:50 P.M.

Respectfully submitted,

Ronald K. Harris, D.D.S., M.S.D.
Secretary-Treasurer

Committee Appointments for 1995-96

Program:

Dr. Ted Ramage, Chairman
Dr. Fred Eichmiller, Vice-Chairman

Literature and Research:

Dr. Fred Eichmiller, Chairman
Dr. Kinley Adams
Dr. Mike Cochran
Dr. Tim Carlson
Dr. Melvin Lund

Constitution and Bylaws:

Dr. Melvin Lund, Chairman
Dr. Mike Cochran
Dr. Tim Carlson
Dr. Ron Harris

Nominating:

Dr. Richard Hoard, Chairman
Dr. Ralph Lambert
Dr. Glenn Birkitt

Inter-Academy Liaison:

Dr. Barry Evans, Chairman
Dr. Glenn Birkitt
Dr. Ronald Harris, Secretary-Treasurer

Public Relations:

Dr. Scott Barrett, Chairman
Dr. Ron Zokol
Dr. Christianne Guba
Dr. David Bridgeman

Education and Study Clubs:

Dr. Warren Johnson, Chairman
Dr. Craig Bridgeman
Dr. Darryl Farley
Dr. Ted Ramage
Dr. James Gourley

Necrology:

Dr. William Roberts, Chairman
Dr. Nelson Rupp
Dr. Richard V. Tucker

Outstanding Clinician Award:

Dr. Warren Johnson, Chairman
Dr. Fred Eichmiller
Dr. Richard Hoard

Distinguished Member:

Dr. Lloyd Baum, Chairman
Dr. Harold Schnepfer
Dr. Ralph Werner

Ad hoc Committee for International Meetings:

Dr. Alan Osborn, Chairman
Dr. Jim Verneti
Dr. Harold Schnepfer
Dr. Halla Sigurjons
Dr. Yoshiroh Katoh

From the Desk of The President

The Foil Academy has always been very dear to the hearts of a select highly motivated group of super achievers within the dental profession. They form a small but elite group whose clinical skills are of the highest order. Because of the nature of the individual members, the meetings have always been amongst the most friendly and congenial of all the meetings. The atmosphere is intimate, and a warm welcome is extended to all newcomers.

This year marked the first year in which we made a departure from the original style of lectures to include a broad range of scientific material.

All the lectures were inspiring and of real practical significance to the routine of dental practice.

We have seen a number of the older members retire in the last few years, and we wish them all well; we have also seen a steady influx of new members whom we welcome to the Academy, and we look forward to renewing our friendship with them annually.

Barry O. Evans, D.D.S.,
President.

From the Desk of the Overpaid Secretary:

What A Great Meeting!

I'm sure those that attended would agree that 1995 was a **super** meeting. After many sleepless nights hoping that all would go well each day, it turned out quite well indeed (as our Gold Leaf editor would say). The location, accommodations, and meals were excellent (though there were a few comments about the meager continental breakfast situation). The clinical session went very well, thanks to the support of the Naval Dental people at Parris Island, and the operations were completed in a reasonable time. One of the big things that turned out in our favor was the weather. On Tuesday, the day before the start of things, it poured buckets of rain, and the weather map suggested that sort of thing would continue through the week. Fortunately, the weatherman erred once more – true to form – but for our benefit. Weather was good and progressed to the better right up to Saturday, when we had our luncheon cruise. Even the dolphins turned out in force to welcome us. We were a little skeptical about the banquet, since this was a Health Institute, but it turned out beautifully.

We were sorry that Bill Ferguson had to cancel at the last minute. Also, our prayers are with Patty Medina in her current health battle. José had to withdraw also.

Next year, we will be meeting in San Antonio, with the clinic session at the University of Texas Health Sciences Center. The hotel will be the Hilton Palacio del Rio on the Riverwalk, and there will be plenty to do and see. The dates will be November 6-10, so mark your calendars. Information will be forthcoming. It really would be nice to be able to have a more accurate head count in advance. I can really sympathize with our Distinguished Member, Ralph Werner on his

problems with the Operative meeting in Chicago. We don't get much of a buffer on numbers for meals, etc. and it's a real pain when I don't know how many to plan for until they appear at the door. Give me a break! If it's a matter of holding onto the money until the last minute, you could at least let me know about attendance, or even use a post-dated check. Please help me on this!

During the past year, we lost 20 members, due to deaths or decisions to drop out. On the bright side, we elected eight applicants to membership, and already have several waiting in the wings. The deceased members were: Leonard R. Aksamit, Charles F. Bouschor, Peter Cavallo, Burdette Hansen, Ronald E. Jordan, Saburo Kajimura, Maurice "Red" Logan and Steve W. Lynch. Please keep me informed if you know of any others.

We will probably do a new Roster in 1996, so if you have changes of address, phone number, status, etc. you might let me know as soon as possible.

One other thing – the Vice President is always on the lookout for clinicians. It's Fred Eichmiller this time, and he has some names already, but not enough. It's nice to see some of the standbys each year, but it would be good to have others for a change. Especially for the Associate members, it would be an opportunity to advance to Active status. Why not pick up the phone or drop a line to Fred (or me) and say you'd like to operate? We look forward to seeing some more faces in San Antonio. Stay well!

Ron

Banquet Gathering



Dr. Tucker presents the new Board.



From left to right: Dr. Dick Tucker, Dr. Tim Carlson, Dr. Craig Bridgeman, Past President Dr. Glen Birkitt, Secretary Dr. Ron Harris, Vice-President Dr. Fred Eichmiller, President Elect Dr. Ted Ramage, and President Dr. Barry O. Evans.



President Birkitt passes the gavel to incoming President Barry Evans.



President Barry Evans presents Past President's Plaque to Dr. Glen Birkitt.





Friday Walkabout

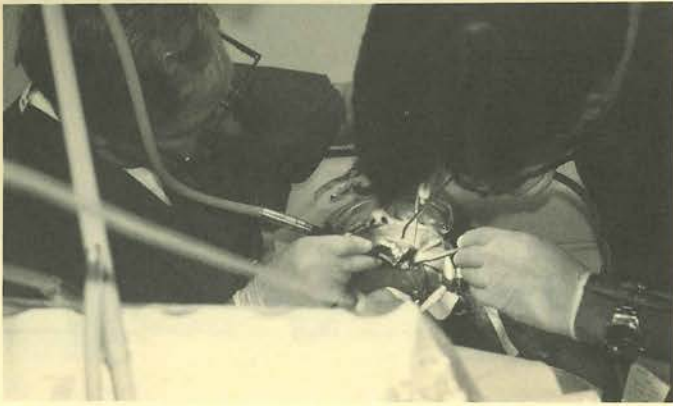


Saturday Luncheon Cruise





Clinic Session



Warren Johnson



Scott Barrett



Bob Allen



Chet Gibson



Scott Barrett and Dick Tucker



Bill Pike



Debbie Zokel with brother Ron looking on.



Debbie Zokel



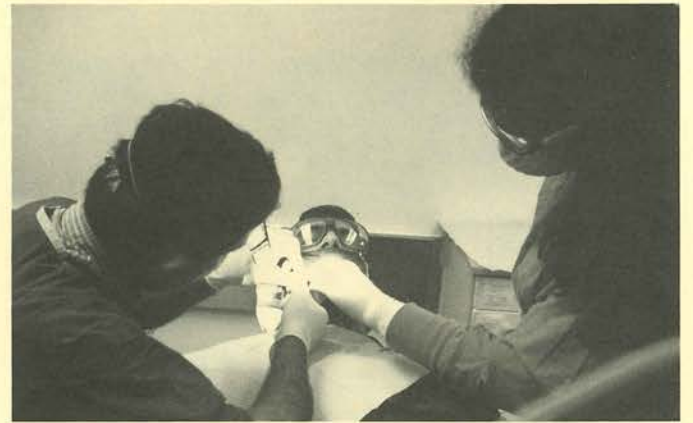
Woody Rupp with high power microscope looking at margins of W. Johnson's castings.



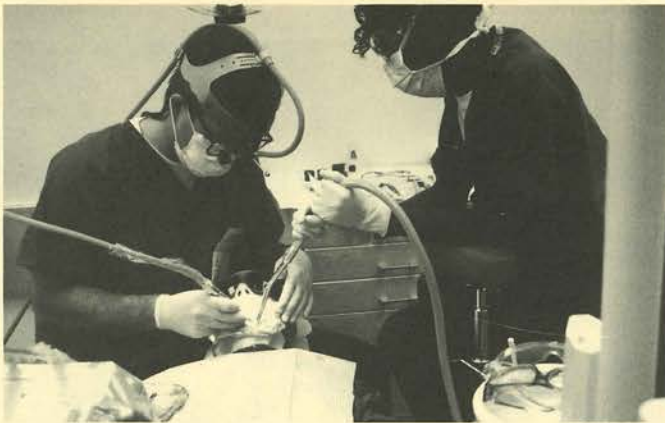
Bob Allen



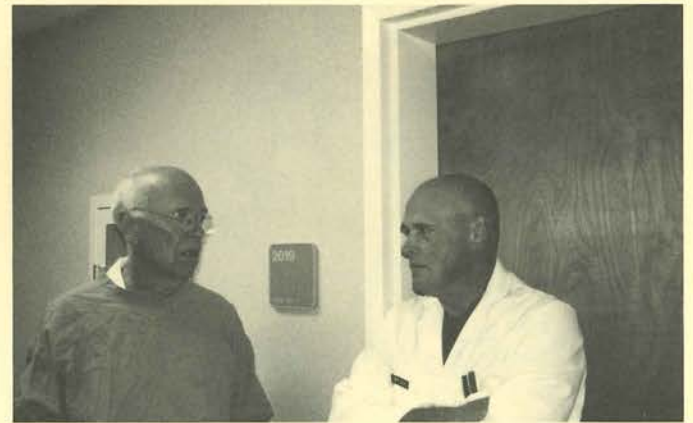
Dr. Jon Strom



Dr. Luiz Cardosa



Dr. David Bogacz



Woody Rupp with Clinic Director C. Hull



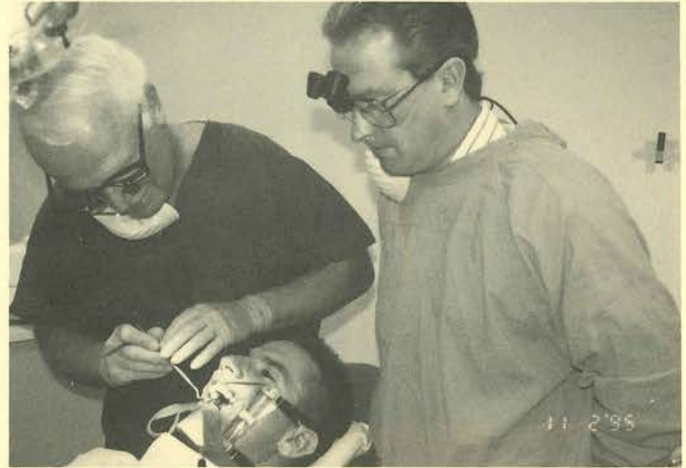
Woody Rupp, Dick D. Tucker and Ron Zokol



Vic Williams, Craig Carters and Fred Eichmiller



Warren Johnson



THE LECTURE SERIES

For the first time the lectures were held over a three day period, and involved subjects beyond the scope of all previous Academy Meetings. The subject matter ranged from advanced porcelain, and aesthetics through cast gold and foil, and further, to new types of amalgam, then continued with the clinical procedures performed at Parris Island, and personal health in relation to diet and stress.

Dr. Frank Spear

The afternoon of Thursday 2nd November was devoted to an essay by Dr. Spear entitled "Laboratory Communications in Esthetic Crown and Bridge Cases". We were treated to a beautiful display of finely matched porcelain with outstanding tissue positioning and response. The importance of correct lighting, and the means to obtain it are crucial to good porcelain, the colors that enhance accuracy during shade selection as well as those that are made better by their absence was demonstrated with reference to the color wheel (Mansell). The role of shape, embrasures and silhouette, the maintenance of the papillary form are all critical to a successful esthetic result. The latter part of the lecture was devoted to the means to obtain a good photographic result of porcelain. A twin flash system is used, and the merits or otherwise of a variety of different films was presented at length to guide anyone who is seriously contemplating this type of photography.



Dr. Frank Spear



Dr. Richard Tucker



Dr. Richard Tucker

Dr. Richard V. Tucker and Dr. Richard D. Tucker

Friday 3rd November saw a combined approach to define "Quality Dentistry Today" by the famous duo from Washington State, father and son Tucker. A wide variety of cast gold work was demonstrated in epitomizing all that is best in restorative dentistry. Commenting upon a panel discussion which had been convened to discuss quality care in dentistry Dr. Tucker (Sr.) noted that the cast inlay and onlay were recommended for exclusion from accepted therapeutic modalities on account of their cost, and questioned how it could be that full coverage with all its attendant costs, the concomitant potential for endodontic therapy, tissue management problems, or later diagnostic problems, to name but a few, should not be questioned.

Dr. Tucker (Jr.) described techniques where, through the use of one of three different sizes of pin, it was possible to place discreet cast restorations that utilized a handsomely small amount of the residual structure. Both lecturers emphasized the conservation of existing structure as the essence of quality dentistry and professionalism.

Dr. Edward S. Duke

Dr. Duke addressed the topic "Adhesive Restorative Materials—Expectations vs. Realizations". The particular area of interest to Dr. Duke is that small area of 5–10 microns that lie at the interface of all restorations. Some restorations like gold foil appear under high power microscopy to have absolute adaptation to the dentine, whereas the expectation with current resin systems would be for there to be some level of visible interface. The extent to which resins can withstand the forces occlusion was discussed, and recommendations made in regard to the usefulness of these materials in posterior teeth. In regards to the current trend to bonding amalgam restorations, it was noted that the countries of the Far East and Australasia find themselves at odds with the stance taken here in North America where it appears that possibly 85% of the profession are currently employing the technique. There is limited evidence that any real benefit is accruing from the bonding of amalgam at this time, or that it is at this time more efficacious than the more traditional copalite varnish. Where an exposure of the pulp occurs Dr. Duke stated that he would feel more comfortable with the traditional approach utilizing a calcium type dressing beneath the restorative material than in placing acid directly upon the exposure and then applying resin as the dressing/sealant.



Dr. Edward Duke

Dr. Peter Miller

Saturday, November 4th, Dr. Miller, the Founder and Director from the Hilton Head Island Health Clinic, spoke to the Assembly in regards to diet and exercise and the relationship of these to overall well being. Incorrect timing in relation to diet control following a reduced diet will normally constitute grossly excessive intake as the

body as adapted to the reduced intake, and will simply store any new bonanza, thereby defeating the whole process. The maintenance factor, and control beyond the stage at which success appears to have been established in conjunction with an exercise programme that stresses use of lighter weights as well as cycling or walking.

Dr. Allan Osborn

Dr. Osborn presented a class 3 lingual design Gold Foil that he had originated almost 20 years ago. The design is based upon the classic slot (the internal dimensions of which are greater than the external) to which a small gingival box is added. The palatal wall is thus fully maintained, and the resulting restoration is extremely retentive even under heavy occlusal stress. The gold is started by the placement of a convenience point in the labial/gingival/axial point angle followed by a bar across to the palatal aspect prior to the filling being extended up the labial wall towards the incisal. The early use of a separator ensures that there will be adequate gold to cover the labial wall which is hidden in the embrasure, and only may extend past the contact area. The finishing was described in some detail, and particular note was made that due to the nature of the foil, great care must be taken to ensure a full supply of cooling air during finishing procedures. To secure the type of margins that we require for gold foil, a study that the author had conducted at the University of Manitoba showing the effects of various instruments and discs upon enamel, brought the lecture to its completion.



Dr. Allan Osborn



Dr. Fred Eichmiller

Dr. Fred Eichmiller

Dr. Eichmiller brought further news of the amalgam alloy from the Paffenbarger Institute. One very interesting factor in light of the expected interfacial zone that we have to recognize with traditional amalgam, was a slide from a high powered microscope showing foil like adaptation. As to whether there will be commercial production of this alloy, Dr. Eichmiller could not say as he felt that in all likelihood it would depend upon the demand for such a substitute by the dental community.

Dr. Timothy Carlson

Dr. Carlson presented a critique from the clinical sessions that had been held at the Parris Island Dental Clinics on the previous Thursday morning. The standard of the procedures was exemplary throughout, and provided the audience with an intimate view of the session that reinforced their earlier impressions, or filled in any gaps that may have existed where someone was unable to view a finished case. All together a most rewarding aspect of the annual meeting.



Dr. Tim Carlson

1995 DISTINGUISHED MEMBER AWARD

Dr. Ralph Werner



Dr. Lloyd Baum eulogizes Dr. Werner

Dr Lloyd Baum Eulogizes Dr. Werner –

I consider it a privilege to be chosen to make this award to such a distinguished person. To eulogize Ralph is no easy task. I found that out when Ron asked me to write the eulogy for advance publication in the Journal.

Firstly Dr. Werner dislikes eulogies and the public image. It's not that he is modest or humble; it's simple HE JUST DOESN'T LIKE THEM for himself. He says "Make it short." A partial listing of Ralph's accomplishments were prepared by Dr. Tony Romano and published by Operative Dentistry in 1990 when Ralph received the Award of Excellence from our Academy.

Probably the factors that most distinguish a civilized country from a third world country is infrastructure. Pure water, dependable electricity, good garbage disposal, highways and bridges and of course a dependable system of railroads and airlines are all examples of infrastructure of modern nations. These are all taken for granted by us in civilized countries—until of course some of them begin to fall into disrepair.

In many respects our dental organizations make up the framework and infrastructure of our profession. Good dental organizations demand proper infrastructure. Examples are factors such as a sound treasury, dependable and reliable officers study clubs, frugal management of funds, well kept records, and well planned meetings and programs.

Ralph's interests are in the infrastructure, not in the superstructure where one can be recognized as its visible leader.

You take a third world country and improve its highways, its water and telephone services and the country grows into modernity. You take a dental organization and pump into it a lot of hard work and managerial skills and it will also grow and become outstanding.

Wherever you go in organized dentistry you can expect to find Ralph's footprints, not his picture. And whenever he has extraordinary authority you will find the organization in healthy growth and humming like a Swiss watch. He prefers to watch from the sidelines and evaluate the results of his efforts and to be able to say to himself, "Hey, it is what I did that made this all happen."

This may indeed sound redundant, but back in the 1960's if it would have been possible to assign Ralph to the permanent position as the Executive Secretary of the American Dental Association, our Dental Profession in our nation would be far better off than it is today. Think about it.



Dr. Lloyd Baum presents The Distinguished Member Award to Dr. Ralph Werner



Distinguished Member Dr. Ralph Werner thanks the Academy.

"R-J is my closest colleague, my truest mentor, and a constant source of inspiration. His love of dentistry and the kindness he shows his patients have provided for me a "GOLD" standard which I have tried to incorporate into my professional life. Congratulations R-J!"

Note from Sarah

Dr. Baum showed a number of slides depicting the social side of Ralph Werner we have all known and loved over years of meetings. Then he read a letter from his daughter, Sarah, now married and living and practicing in Denver.

How many of us would be proud to raise a daughter who feels toward her father in the same way as Sarah feels toward Ralph!

And so Ralph, it gives me pride and pleasure on behalf of the American Academy of Gold Foil Operators, to present you with this Distinguished Membership Award.

The Victor Williams' Achiever Award



Dr. Fred Eichmiller presents the Victor Williams' Outstanding Clinician Award to Dr. Richard Hoard.



Dr. Richard Hoard thanks the Academy.

Changes in Membership 1995

ACTIVE/ASSOCIATE TO LIFE

Baum, Lloyd

ASSOCIATE TO ACTIVE

Balcom, Randal R.	Saucy, Daniel D.
Barrett, Scott B.	Zokol, Deborah
Phelan, Ralph M.	

DECEASED

Aksamit, Leonard R.	Jordan, Ronald E.
Bouschor, Charles F.	Kajimura, Saburo
Cavallo, Peter	Logan, Maurice
Hansen, Burdette	Lynch, Steve W.

DROPPED VOLUNTARILY* / NON-PAYMENT OF DUES (**NO RESPONSE)

*Geistfeld, Ronald	*Kahane, Leonard H.
*Massler, Charles F.	**Bales, David J.
**Birtcil, Robert F.	**Casey, Michael F.
**Ellis, Bruce G.	**Feder, Barry A.
**Hokhold, Frank	**Choi, Sangyun
**Eliasson, Sigfus Thor	**Ricciuti, Antonello

NEW MEMBERS (1994-95)

Barrett, Scott B.	Gusa, Ronald S.
Bartsch, Helmut J.	Moore, Becky Sue
Bibb, Martha S.	Steier, Liviu
Brinker, Richard B.	Steier, Regina
Gamer, Simon	

NEW APPLICANTS (MEMBERS 1995)

Cardoso, Luis de Camargo, São Paul, Brazil
 Cruz, Mark A., Mission Viejo, CA
 Dunn, William J., Panama Canal Zone
 Hagg, Franz, Tegernsee, Germany
 Margeas, Robert C., Des Moines, IA
 Müller, Johannes, Wörth/Isar, Germany
 Nasser, Fariborz, Indianapolis, IN
 Stevenson, Richard G. III, Los Angeles, CA

Dental Health Institute

WHO WE ARE:

Established in 1993, the Dental Health Institute (DHI) is a non-profit organization sponsored by the World Gold Council to promote the use of high gold content restorative materials in the North American Dental Market.

Mr. Craig A. Charters is the Executive Director with headquarters at the Dental Health Institute, located at 438 Liberty Lane, Marlton, New Jersey 08053-5343. Telephone: (609) 985-7567; Fax: (609) 985-7623.

The Dental Health Institute's Professional Services Office is at the same location and can be reached by telephone (800) 324-6534.

OUR GOALS:

- To increase the level of awareness of dentist professionals and patients of the benefits of using high gold content materials. And to persuade them to select high gold content materials as their restorative material of choice.
- To promote the use of high gold content materials by providing scientific, clinical and educational information that document the biocompatibility safety, durability, esthetic and long-term economic benefits of using high gold materials in restorative dentistry.
- To encourage industry members — leading clinicians, academic institutions, manufacturers and laboratories to support our high gold promotional efforts.

OUR ACTIVITIES:

- We place advertisements and advertorials in the leading dental journals and trade journals to provide information and to educate dentist professionals about the clinical benefits, the techniques and the long-term economic benefits of using high gold content materials in restorative procedures.
- We provide cooperative marketing support to DHI member companies that conduct high gold promotional marketing programs. **Look for the DHI "goldmark" and slogan, "Provide the best. Provide gold.", when selecting high gold restorative products. Only DHI member companies are allowed to use this logo.**
- We conduct an active Public Relations program that generates case history stories and informative articles on high gold content materials for placement in the Dental Trade Press and the public media.
- We create, publish, reprint, and distribute: brochures, informative articles, scientific and clinical studies that pertain to high gold restorative materials.
- We sponsor scientific and clinical research at leading academic and independent institutions world-wide to study the performance of high gold content restorative materials.
- We support leading industry clinicians to speak at dental meetings, seminars, study groups and educational institutions.
- We sponsor market research to study the techno-economic performance of high gold content restorative materials in the North American Dental Market.
- We maintain a Scientific Advisory Council of leading clinicians, scientists, dental professionals, laboratory technicians and metallurgists to provide counsel and advice.

GENERAL INFORMATION

1. Gold continues to be the dental restorative material of choice for many dental professionals because of its biocompatibility, durability and low abrasiveness against natural teeth. Some dentists use gold exclusively; others are re-examining its benefits and characteristics. The following is general information about the use of gold in dentistry.
2. Gold is used in alloys for restoring and maintaining the function of teeth. It is used in inlays, onlays, crowns and bridges.
3. When deciding to use gold as a restorative material, dentists consider the following points:
 - a. Occlusal relationships and biting forces;
 - b. Anatomical distortion and the amount of material needed to return the tooth to anatomical correctness;
 - c. Maintaining marginal integrity to gingival tissue and adjacent teeth to prevent recurring caries.
4. Patients should be screened for allergies regardless of the decision to use gold alloys or base metal alloys. Reports in recent years of mercury toxicity and the adverse reactions to nickel, palladium, beryllium, and other materials have been highly publicized. Although some professionals hold that adverse reactions are greatly exaggerated, there is sufficient evidence warranting that dentists screen patients for allergies.
5. Guidelines exist to help dentists select the gold alloy best suited for the application. Crown and bridge alloys are classified into four types:

Type I Soft	For single surface inlays which receive little stress;
Type II Medium	For inlays subject to moderate stress;
Type III Hard	For fixed bridgework, full veneer crowns, three-quarter crowns, onlays, and all types of hard inlays.
Type IV Extra Hard	For inlays, bridges subject to high stress, removable partial denture frameworks and clasps, bars and extra hard crowns.
6. The ADA council on Dental Materials, Instruments and Equipment classifies dental alloys as High Noble, Noble and Predominantly Base. Noble metals include gold, platinum and palladium. Silver is precious, but not a noble metal.

High Noble	Noble content of 60% or greater. At least 40% must be gold.
Noble	Noble metal content of less than 25%.
Predominantly Base	Noble metal content of less than 25%.
7. From a working perspective, pure gold and alloys of gold have the following advantages:
 - a. Gold can be easily melted and accurately cast;
 - b. Gold alloys are very strong and can resist the crushing forces of mastication better than amalgam;
 - c. Gold has a superb edge strength. The margins of gold restorations do not fracture, as often occurs with amalgam restorations;
 - d. Oral fluids do not corrode or discolor gold.

ASSOCIATED FERRIER STUDY CLUBS

Gold Foil Course

Each participant placed one foil on dentofoms and eight foils on patients. The instructors were Richard Tucker and David Thorburn. The people new to foil focused on C1 I and C1 V operations, while the

more experienced operators placed a number of C1 II and C1 III foils.

Next year there are plans to present 2 foil courses on the west coast. One in Vancouver in June and one in Seattle in September.



The operators and assistants from left to right are: Back row: Dr. John Christensen (Canada), Dr. Dick Tucker (U.S.A.), Dr. Barry Rochefort (U.S.A.), Debbie Rochefort (U.S.A.), Dr. Scott Barrett (U.S.A.), Dr. Gabriella Hardt-Neumann (Germany), Dr. David Thorburn (Canada), Yolanda Thiesseus (Canada).

Front row: Dr. Elian Cunea (Germany), Dr. Wayne LaRiviera (U.S.A.), Jane MacKenzie (Canada), Wendy Franzen (U.S.A), Sally MacDonald (Canada), Katrina Sippola (Canada), Dr. Matt Panar (Canada), Lisa Buxton (Canada).

10TH Annual Gerald Stibbs Gold Foil Seminar

The date for the 10th Annual Gerald D. Stibbs Gold Foil Seminar has been set. The course will be presented at the University of British Columbia Dental School from June 17 to 21, 1996.

Dr. Richard D. Tucker and Dr. David W. Thorburn will be instructing.

FOR MORE INFORMATION, CONTACT:

DR. MATT PANAR
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There is also a foil course being presented in Seattle next fall, September 16-20, 1996, at the University of Washington. The course will be limited to 12 participants. For more information contact either:

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