



# Gold Leaf

August 2010

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**Executive Council**  
2010 – Dr. Mark Tollefson  
2011- Dr. Janet Zinter  
2012- Dr. Dan Henry  
Gold Leaf Editor  
Dr. Richard Brinker

2010 ANNUAL MEETING OCTOBER 20-24  
WESTWOOD W HOTEL AND UCLA

COME JOIN US THERE FOR A GREAT PROGRAM! [[www.aagfo.org](http://www.aagfo.org) to register]

## AAGFO ANNUAL MEETING 2010 PROGRAM

### Wednesday October 20, 2010

1:30-5PM Meeting Registration- Welcome Desk  
Second Floor Westwood W Hotel.

2-5PM Executive Council Meeting

6-9PM RECEPTION - CASH BAR.

### Thursday October 21, 2010

6:30-8:30AM BUFFET BREAKFAST

9:00AM Dr. Dick Tucker, Bellingham, WA



Title: "Gold Foil with Gold Castings – Completing the Picture"

#### Brief Synopsis:

Very often the operator wishes to complete the conservative restoration of a tooth, but is confronted with the situation where "line of Draw" consideration requires a more extensive restoration than would be desired. Utilizing a combination of direct gold restoration and cast gold restoration, the most conservative and most permanent restoration of the dentition can be achieved.

Objectives: The attendees will:

- Be able to recognize the need for the use of Direct Gold along with Gold Inlays
- Know when to choose direct gold and when to choose indirect gold restorations to restore the tooth

-Learn the fundamentals of placing and finishing direct gold restorations

Dr. Tucker graduated from the University of Washington School of Dentistry in 1976, and has maintained a private dental practice in Bellingham Washington for the past thirty three years. He is an operating member of two clinical study clubs, each of which meet monthly. He mentors two clinical gold foil study clubs, and has lectured in Mexico, Canada, the United States, and Europe. Other educational endeavors include teaching a one week clinical course in direct gold restorations in Vancouver, teaching an elective course in cast gold restorations at the University of Washington, School of Dentistry, and teaching the Tucker Institute course in Cast Gold Restorations.

Dick is a member of the Academy of Operative Dentistry, The American Academy of Restorative Dentistry, a Fellow of the American College of Dentists, a Fellow of the International College of Dentists, and Past President of the American Academy of Gold Foil Operators. If he can't be practicing dentistry, he enjoys fishing, sailing, and mountain climbing, having climbed five peaks over 18,000 feet.

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9:45AM Dr. David Thorburn, Vancouver, BC



Title: Single Tooth Eruption, a simple reliable method

In general practice it is common to be confronted with a badly damaged tooth, where it is

Dr. Thorburn, Cont:

impossible to achieve an appropriate feral without placing the margins so sub-gingivally that there would likely be periodontal implications later. Many times in these cases the patients are informed that the tooth is un-restorable and should be extracted and replaced with a bridge or an implant, or the tooth needs a crown lengthening procedure.

Crown lengthening can worsen the soft tissue aesthetics of the area and expose the adjacent root surfaces which can become more susceptible to decay.

Single tooth eruption can bring the damaged tooth up in the arch, so that the crown margins can be placed in the ideal sub-gingival location, maintaining the tissue profile and eliminating the need for other more costly procedures.

The lecture will show that this can be achieved using materials usually already in the office. It will review the technique for taking vented post and core impressions, the set up of simple anchorage to enable the eruption and an explanation of the speed of movement and stabilization prior to the final restoration.

The objective is to give any dentist enough information to allow them to begin using the technique without any further instruction, and to infuse them with a sense of creative adventure because every case is slightly different.

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10:30AM Dr. Bruce Small, Lawrenceville, NJ



Title: The clinical use of direct gold and its affect on the operator

Synopsis:

During this short action packed lecture, Dr. Small will relate his experiences with gold foil. Included will be demonstrations of interesting operations as well as how using foil has affected other clinical aspects of his practice and beyond.

Objectives:

- to demonstrate the clinical use of gold foil

- show how using foil can have positive effects on other aspects of dentistry
- show how using foil can affect a clinician's overall philosophy of dentistry

Dr. Bruce W. Small, is a practicing restorative dentist from Lawrenceville, New Jersey concentrating on clinical excellence. Dr. Small is an associate professor at the University of Medicine and Dentistry of New Jersey and with other members of his study club, mentors a cast and direct gold selective/elective at UMDNJ for senior dental students. He has been granted the honor of a fellowship in both the International and American College of Dentists and is a master of the Academy of General Dentistry. He is an advisor to the board of directors of the L.D. Pankey Institute where he is also a teaching associate. Dr. Small is the editor of the restorative dentistry column in **General Dentistry**, the journal of the Academy of General Dentistry. He is a member of the Academy of Operative Dentistry, The American Academy of Restorative Dentistry, The American Academy of Gold Foil Operators, and is currently president of The Academy of Richard V. Tucker Cast Gold Study Clubs.

He has published over 100 articles in dental journals, lectured in over 300 locations in the United States and other countries, and is recognized as one of the top 100 speakers in dentistry. He has been voted one of the top general dentists in New Jersey as well as one of the best dentists in America by his peers.

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11:15AM Dr. Joseph Newell, Huntington Valley, PA



Title: "Hints for rubber dam placement and Impression taking"

Most dentists and especially dental students have difficulty in two areas of clinical practice. Rubber dam placement and impression taking can be very frustrating.

My talk will show easy step by step procedures to accomplishing these tasks with predictability.

Dr. Newell is Assoc. Prof. in Restorative Dentistry at Penn and a member of Tucker Cast Gold Study Clubs and Gold Foil Study Club mentored by Dr. Warren Johnson. He also has a private practice in Philadelphia and Huntington Valley, PA.

**Thursday October 21, 2010 Cont:**

12:30PM “ BOXED LUNCH TO GO” – FREE TIME FOR ACTIVITIES OF YOUR CHOICE [Details to follow your COMPLETED registration]  
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6:30PM “Dine Around”. Restaurants are all short walks to from the hotel in Westwood. Signup Sheets at the registration desk.

**Friday October 22, 2010**

6:30-8:30AM BUFFET BREAKFAST

8:15AM Business Meeting

8:30AM Presentation of Clinician of the Year-  
Dr. Ed Kardong, Bainbridge Island, WA

# SECOND ANNUAL JOSE MEDINA LECTURE



9:15AM Lecture- Dr. Wenyan Shi, Ph.D

Professor and Chairman, Oral Biology, UCLA School of Dentistry, Professor, Microbiology and Molecular Genetics, UCLA School of Medicine.

Dr. Wenyan Shi is a chairman and professor of Oral Biology at UCLA Schools of Dentistry. Dr. Shi's laboratory has been using multidisciplinary approaches to study oral microbial pathogenesis with a specific focus on microbial biofilm, inter-species interaction and signal transduction. In addition, His laboratory is actively involved in the development of next generation of diagnostic and therapeutic tools against oral microbial infections, including instant chair-side detection of oral pathogens and peptide based targeted antimicrobial therapeutics. These translational research efforts have resulted in novel technologies that are licensed and developed by major pharmaceutical, dental and biotech companies. Dr. Shi is also the founding scientist and chairman of the scientific advisory board of C3 Jian Inc. ([www.c3-jian.com](http://www.c3-jian.com)).

Dr. Shi obtained his BS degree from Fudan University (Shanghai) in 1984, acquired his Ph.D degree from University of Wisconsin-Madison in 1991 and fulfilled his postdoctoral training at University of California-Berkeley

during 1992-1995. He is co-author and co-inventor of over 130 scientific articles and patents.

His presentation will include his research and innovations in the management of caries at a microbiological level – he is simply brilliant and the information is given in an easy to digest manner, with plenty of humor mixed in. Dr. Shi is a colleague and co-researcher with Dr. Max Anderson, a former member of the AAGFO.

**The impact of modern sciences on dentistry**

The advancement of modern science led to the development of new tools for early detection, effective treatment and prevention of dental diseases. This impact has changed the path of future dentistry from a surgical approach to a medical approach, and from treatment to risk assessment and prevention. This presentation will review the on-going exciting research progresses in molecular medicine/dentistry, provide new information about the latest understanding of oral microbial pathogenesis and discuss the new diagnostic, therapeutic and preventative tools from cutting-edge research.

**Learning objectives**

1. Biofilm
2. Inter-species interactions of oral bacteria
3. Dental plaque and etiology of dental caries.

FOLLOWING THE LECTURE ATTENDEES WILL HAVE FREE TIME AND LUNCH/DINNER ON YOUR OWN. *Please refer to your activities guide for specific information.*

**Saturday October 23, 2010**

6:30-8:30 AM Breakfast Buffet

7:30 AM Operators walk to the UCLA clinic an set up units. The Dental Clinic is on the 4<sup>th</sup> floor. Follow the signs.

8:00 AM Clinical Session Begins Patients, assistants and operators in place and ready to start operations.

12 – 1 PM End clinical session, clean up and head to Room 13-041 on the first floor of the dental school for a catered lunch with student operators/assistants invited.

1:00 -1:45 PM Catered Lunch and conversation with students. Dr. Shaw's lecture will follow in the same room.

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**Saturday, October 23, 2010** Cont:



2:00 PM Dr. Peter Shaw. San Diego, CA

Title: "Implant Dentistry Made Simple"

Synopsis: High quality implant dentistry can be simple, fun and profitable, if a few sound treatment choices are followed.

Objectives: The attendees will learn that implant dentistry can be made simple if, 1) screw retained restorations are used. 2) Implants are placed immediately at time of tooth extraction. 3) Bone grafting is avoided. 4) Tapered implants are used. 5) Two innovated designed implants are used.

Dr. Peter D. Shaw is a general dentist in private practice in San Diego, California. Since 2004, he has limited his practice to Implant and Restorative Dentistry.

He is a charter member of the first Branemark Implant Study Club in the US, the Osseointegration Study Club of Southern California, founded in 1985. He is also a

member of the ADA, AARD, AAOD, CAIC Academy, FAGD, FACD, FPFA and the founder and president of the Comprehensive Implant Study Club of San Diego. 300PM Dr. Foltz's Slide Critique with Operator comments.

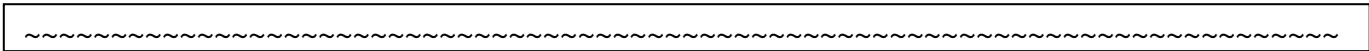
3:30PM Return to the Hotel and free time

6:30-7:15 PM Gala Reception

7:15 PM to 0'Dark 30 PM - Gala Banquet- Distinguished Member Award, Past President Tribute and Installation of New Members and Officers.

**Sunday October 24, 2010** - Breakfast on your own and depart for destinations of your choice. Check out by Noon.

Please note  
airport shuttle  
times



Minutes of the AAGFO Board Meeting  
February 24, 2010

2-5 PM Embassy Room, Second Floor, Fairmont  
Hotel, Chicago, IL

Call to Order-Henry St. Germain

Minutes of Previous Board Meeting – November 2009 were accepted as printed.

Secretary – Treasure's Report - Accepted as distributed.

Annual Meeting Reports- Joe Newell and Rick Nash

Scientific Sessions – Joe Newell- Theme is "What have you learned clinically over the time of your practice as a 'foil dentist'".

Education & Clinical Seminars – Rick Nash- Operators are being lined up for our annual meeting. Marc Tolleffson will be handling the table foil presentation for the students during the clinical session at UCLA.

Literature & Research – Marty Anderson- No report, but a questions was raised by Bob Keene - Is it correct for us to state that Gold Foil is the ONLY dental material available today compatible with the human body? Those present agreed that this would be a valuable piece of researchable information.

Nominating Committee – Dave Bridgeman- 2013 Council nominee is Wendell Foltz.

Constitution & Bylaws – Barry Evans. No report at this point, since our by-laws were updated at the 2009 annual meeting. Barry continues the policy that adjustments are only needed to reflect the evolving nature of the academy's operation.

Inter-Academy Liaison – Henry St. Germain. Nothing to report.

Distinguished Member – Ralph Stenberg- The 2010 selection is Bob Keene.

Outstanding Clinician – Mark Cruz- The 2010 selection is Ed Kardong.

## Mid Winter Council Minutes Cont:

### Annual Meeting Facilitator

Bob and Jean Keene- UCLA. The general structure of this annual meeting was shared. They will travel to the school and the hotel to nail down the final details. A minimum of 38 rooms will need to be filled. *[Post meeting note- offsite parking will be available at \$14.per day with in-and-out privileges. Saturday's clinic session will be followed by lunch with students, a lecture by Dr. Peter Shaw and the critique by each operator.]*

### JOD Editorship– Mike Cochran-

Mike gave his final report. He introduced the new editor-Dr. Jeffrey Platt, Professor of Dental Materials at Indiana. Council members explored with Mike and Jeffrey whether it was possible to include copies of our Gold Leaf in issues of the JOD. More information is needed to determine if this is possible.

### Report of the Journal – Tim Carlson-

The JOD is currently financially sound, but rising costs may cut into the yearly balance sheet. A brief discussion was held about the duplicate subscription for members of multiple organizations that support the journal. We agreed to include an item on our dues statement where members could select the option to contribute their duplicate subscription to the JOD.

JOD Tee shirts are available for sale. Contact Kevin Matis at [editor@opdent.org](mailto:editor@opdent.org)

### Web Page Report – Scott Barrett-

Our website had 1300 hits in the past year with 2.2 pages the average search per hit. We are now posting the Gold Leaf and all the Annual Meeting information on this site.

### Gold Leaf Report – Rick Brinker- Not

present to report. To control cost we are moving to place the Gold Leaf on our web site. Barry Evans made a request to identify those members who wish to receive a hard copy. A place to indicate a member's wish for a hard copy was on the 2010 dues statements. *[To date 42 members have indicated they wish hard copies].*

### Old Business-

#### AOD ANNUAL MEETING TABLE CLINIC-

Lead person for 2011- It was suggested that every other year the new council member take the responsibility for a two year period. Therefore,

every other year, the new council member will be responsible for getting our table clinic listed at the AOD meeting and having the materials and a table available. Dan Henry will take this on for February 2011 and 2012.

CEU- Kevin Matis reported on his progress with managing the CEUs through the JOD. Our deepest appreciation is extended to him for his efforts.

### FUTURE STATUS OF

SECRETARY/TREASURER – Bob Keene is willing to continue with the secretarial portion of his duties for the present time, if the academy wishes. The TREASURER position will need to be filled by the Nomination committee.

### New Business-

#### Future Meeting Planning/Planner and Sect/Treas.-

Discussion regarding the role of the position of Sec/Treas culminated with the decision by the council to ask the Nominating Committee to secure a candidate to take on the task of Treasurer commencing in 2010 with a year of transition help from the current Treasurer. *Post meeting note: Barry Evans has agreed to fill this position pending a vote of our annual meeting in October.*

Meeting Planner- Ron Harris has offered to help with 2011 at Indianapolis. The date of that meeting will be October 12-14, 2011. The hotel is directly across the street from the clinic. The nominating committee will be submitting a name for future meeting planner.

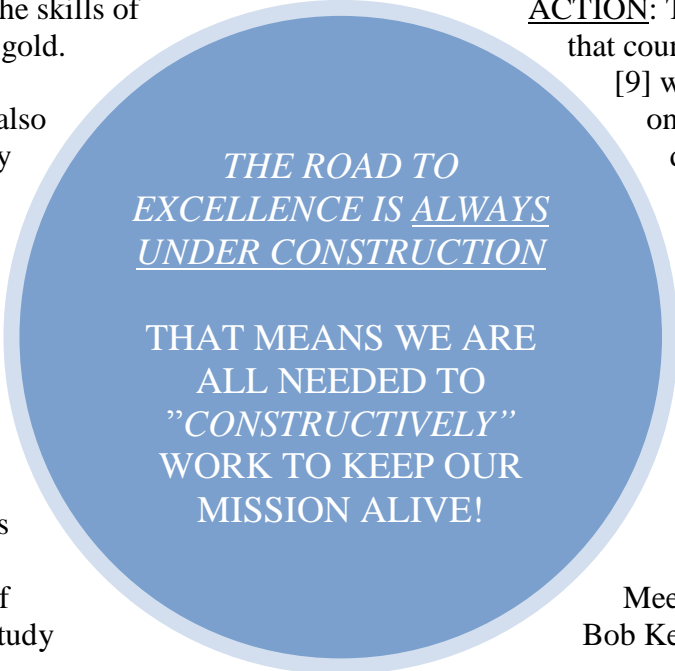
Future Dental Schools- Annual meeting possibilities - Portland, Creighton, Mid-Western.

General discussion regarding the state of our academy – The following options that were discussed:

- A. Stay the course and continue trying to influence schools/ students during our annual meetings.
- B. Morph into the Operative arm of the AOD.
- C. Infiltrate dental schools with retired members intentionally working within dental schools to excite young students in the use of foil and castings.

Minutes Cont:

- D. Work through the study club network to influence members or prospective new members to learn the skills of using foil and cast gold.
- E. Identify Associate members who are also members of a study club and encourage them to do foils there and then recognize them as active members.
- F. Survey our Associate members to determine, via a phone call, to see if they are part of a study



club and to what extent they use foil there and in their practice. This would help us learn whether we have the basis for continuing our work.

ACTION: The consensus of the meeting was that council members and others gathered [9] would call 8-9 Associate members on the phone to make the determination suggested in #E above. The secretary will forward the call list names to council members.

Non-council members present: Barry Evans, Clyde Roggenkamp, Marty Anderson, Ed Kardong, Tim Carlson, Jeffrey Platt and Mike Cochran.

Meeting adjourned at 445PM  
Bob Keene, Recorder

# STUDY CLUB NEWS

## ASSOCIATED FERRIOR STUDY CLUB

### INTRODUCTION TO

### DR. CHARLES SHULER

Dean of the UBC Dental School, Dr. Charles Shuler addressed the AFSC annual meeting in Vancouver B.C. in May this year. His lecture commenced by defining the relationship between 'Basic Science Research' and clinical dentistry; outlining the manner in which it both supports and nurtures clinical therapy in both medicine and dentistry.

Dr. Shuler proceeded to define the staging of *Bisphosphonates and Osteonecrosis of the Jaw*, and risk factors associated with bisphosphonate therapy, including the current usage of these drugs.

AFSC News Cont:

Précis

**Bisphosphonates and Osteonecrosis of the Jaw**

The use of bisphosphonates has rapidly increased in the past few years. They are now a common part of cancer chemotherapy when the tumor has metastasized to the bone. The bisphosphonates are also being used to prevent bone fractures secondary to osteoporosis. The key mechanism of bisphosphonates in these uses is the inhibition of the action of osteoclasts, which break down bone and liberate calcium. Bisphosphonates are analogs of orthophosphate, a key constituent of the hydroxyapatite mineral in bone. This means that the bisphosphonate can be directly incorporated into bone and in that location the drug can remain present for as many as 15 years. A key side effect of the use of bisphosphonates, osteonecrosis of the jaw (BRONJ), was first noted in cancer patients who had received the medication intravenously. In these cancer patients the incidence of BRONJ is between 6-12% and generally linked to an invasive dental procedure like an extraction. It was initially thought that the risk of BRONJ for patients taking bisphosphonates to prevent osteoporotic fractures

was very low, 0.7/100,000; however, there were few studies examining the incidence in routine dental patients. A recent study at a dental school has shown that BRONJ may be much more common than originally predicted approaching an incidence of 1 in 23. An important factor in the development of BRONJ is a linkage to the formation of a microbial biofilm on the exposed bone. The biofilm produces pathogenic factors that lead to many of the signs of symptoms of BRONJ. Thus an important factor in the prevention of BRONJ is prevention of the formation of the biofilm through either good oral hygiene prior to the onset of bisphosphonate use or controlling the bacteria at the time of a dental procedure. Both topical and systemic antibiotics have been shown to have a good effect on biofilm control and help reduce the incidence of BRONJ. It is important to recognize that BRONJ is a side effect of the medication and management of the side effects of medications is one of the important roles for a dentist. Since the management of microbial biofilms is an area of expertise for dentists, managing the BRONJ side effect of bisphosphonate medications utilizes one of the many clinical strengths of dentists.

Charles Shuler, DDS, PhD

**AFSC CANDID CAMERA**



Dave Thorburn



Mike Oswald



Margaret Webb



Dick Tucker, Jr.



Del Crowe



Ted Ramage with Dick Jr.



The AFSC Gang

For The Complete Photo Set Including Non-AAGFO Members  
Go To: [www.aagfo.org](http://www.aagfo.org)

Study Club News Cont:

### VISIT TO THE UNIVERSITY OF GREIFSWALD

On May 27<sup>th</sup>, 2010 Allan Osborn paid a return visit to the University of Greifswald at the invitation of Professor Georg Meyer and Dr. Heike Steffen. Both had been instrumental in hosting the fourth international Gold Foil Conference in Greifswald, whilst Georg had also been instrumental in hosting the first International Conference in Goettingen.

The morning consisted of a three hour lecture divided into two halves by a coffee break. In the afternoon a select number of the students were supervised through a clinical session. A number of class ones were accomplished and a single class five. The standard of the work was exemplary, and the students were highly enthusiastic, and will be a singular credit to the Profession.

The lecture portion of the course consisted of routine clinical work from almost 50 years in practice in diverse areas. Gold Foil was the dominant portion, but cast gold, porcelain inlays

(Bruce Smith rapid fire technique), some rehabilitation and also and SEM study of the effects of various dental instruments upon enamel by Allan Osborn. Included, and well received, was the work by Dr. Gregory Smith on the effects of sterilization upon instrument hardness, and also the effects upon the steel (both stainless and carbon steel) of instrumenting enamel. (Stainless steel is TOO soft against enamel!!).

The students are offered a course in Gold Foil in Greifswald which is ably run by Dr. Heike Steffen. This course took place in the new Dental Clinic built shortly after the International Gold Foil Conference that we held in Greifswald, and is certainly the most beautiful clinic that I have ever visited.

The hospitality was truly wonderful, and ended with a party hosted by a noted local artist who had sculpted the molar tooth which sits just outside the new clinic, and stands some 4 feet tall.

Allan G. Osborn

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### East Coast Study Club

The East Coast Study Club was graciously co-hosted by Drs. Al LaPorta and Susanne Grennell. We met in May and Susanne prepared special treats from her culinary repertoire that included some amazing outdoor grilled flavors to welcome in the short summer season in this enclave just outside of NYC. Dave Thorburn was our mentor and hopefully was not too disappointed in the selection of Class I, II, III and V restorations that were performed by our clinicians with his most able

assistance. Those in attendance at the offices of Drs. Grennell and La Porta over the long weekend included: Dr. Janet Zinter, Dr. Rick Brinker, Dr. Susanne Grennell and Dr. Al LaPorta. A special cameo appearance was made by Dr. Andy McKibbin and we adjourned following an excellent repast hosted by Dr. LaPorta at his home with his lovely wife and children. The menu was authentic family Italian, and was superb. All members are looking forward to some continued work with the Tucker Study Club groups in the future.

Richard Brinker

YOU WILL NOTE THAT YOUR 2011 DUES STATEMENTS WILL REFLECT THE VOTED DUES INCREASE TO \$70. [THE FIRST CHANGE IN OVER 20 YEARS!]

***PLEASE ALSO INDICATE YOUR PREFERENCE TO RECEIVE THE GOLD LEAF VIA HARD COPY OR ON THE WEB IN THE BOX ON YOUR DUES STATEMENT. THANK YOU! - RCK***