



american academy of gold foil operators

Gold Leaf

JANUARY 1993

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

PRESIDENT

Dr. Richard J. Hoard
202 San Vincente Blvd.
Suite #7
Santa Monica, CA 90402
(213) 825-6592

PRESIDENT-ELECT

Dr. Ralph L. Lambert
8011 Eagle Feather Way
Littleton, CO 80124
(303) 270-8507

VICE-PRESIDENT

Dr. Glenn Birkitt
Route 3, Box 97
Leesburg, VA 22075
(703) 777-4440

SECRETARY-TREASURER

Dr. Ronald K. Harris
7018 Stewart Ct.
Indianapolis, IN 46256
(317) 867-0414

EXECUTIVE COUNCIL

1993 Dr. Barry O. Evans
1994 Dr. Ted Ramage
1995 Dr. William T. Pike

American Academy of Gold Foil Operators MINUTES OF BOARD MEETING Orlando, Florida — October 14, 1992

1:00 p.m. President Alfred C. Heston called the meeting to order. The minutes of the February 12, 1992 meeting were approved as published in the Gold Leaf.

Correspondence:

1. A contribution was received from the Tamaki Foundation. The President, Mrs. Meriko Tamaki, is a grateful patient of Dr. Bruce Smith and made the contribution in his honor.
2. A letter from the West Michigan Dental Society and the American Dental Association requests our support for a commemorative stamp to recognize the contribution community water fluoridation has made toward improving the oral health of United States citizens.

The Board approved sending a letter of support.

Announcements:

1. The local arrangements has been limited to the clinical support at the Navy Dental Center. Capt. J. K. Johnson, the Commanding Officer, has given whole hearted, enthusiastic support which has resulted in a well organized set up for our clinicians, observers and exhibitors.

Treasurer's Report

1. This is a report of our status as of Sept. 1, 1992

Receipts	\$38,382.52
Expenses	24,148.45
	14,234.07

Dues received = \$14,716.00. Approximately 245 members. Charges for collection of foreign checks causes the uneven balance.

Committee Reports

1. Special Committee on plans for future directions for the Academy. Chairman Dr. Williams H. Harris

Dr. Harris's thoughtful report stimulated a productive discussion. His full report was distributed to the Board and the Feb. 1993 Board meeting will discuss it further after having time to study the various proposals. After the February meeting a report of the deliberations will be published in the Gold Leaf to inform all members and prepare them for a meaningful discussion during the Essay Section in the 1993 Portland meeting. Dr. Hoard moved and Dr. Evans seconded that one or two of the proposals be given a trial run in Portland. The motion was unanimously approved.

Special committee on forming an European Section

Dr. Allan G. Osborn — Chairman

The Board directed Dr. Osborn to write to the European organizers concerning the expenses they incur when putting on their meetings. In the letter he would tell them that the US and Canadians participating will pay their own expenses to relieve them of this burden.

Membership Committee — Chairman Dr. William T. Pike

The following applicants were approved by the Board:

Associate to Active status

Dr. Rockwell Hammond, Jr.

Dr. Richard W. Nash

Associate

Dr. Pier Attilio Croce

Dr. Beena Rani Goel

Dr. Frank Charles Hokhold

Dr. Luis Eruardo Ortega

Dr. Kenneth G. Roberts

Dr. Ralph T. Rucinski

Dr. Edward L. Welsh

Education and Study Clubs —

Chairman — Dr. Howard C. Peterson, Jr.

Dr. Peterson submitted the list compiled by his committee and the previous year's list prepared by Dr. Glenn H. Birkitt and it was published in the 1992-93 Roster.

Indiana Special Direct Gold Course

Seven candidates successfully completed the June 1992 course. It is planned to continue the course in 1993.

Future meetings:

1993 — Portland, OR Clinic — Univ. of Oregon College of Dentistry. Hotel — The Benson

1994 — New Orleans — Site undecided

Distinguished Member — Chairman Dr. Chester J. Gibson

This year's awardee — Dr. Nelson W. Rupp

Outstanding Clinician — Chairman Dr. R. Craig Bridgeman

This year's awardee — Dr. Michael A. Cochran

Necrology — Chairman — Dr. William J. Roberts

Dr. M. L. Lewis, Sun Lakes, AZ

Dr. James M. Chilson, Seattle, WA

Unfinished Business

Dr. Gibson requested the Board to take definitive action on Dr. José Medina's proposed list of criteria for the selection of the Distinguished Member and the form members can use when making nominations. The Board approved a revised list of criteria and the nomination form. Copies of these forms will be available from Secretary/Treasurer and the Chair of the committee selecting the Distinguished Member.

New Business

The report of the committee for plans for future directions for the Academy was presented under committee reports, Special Committee.

Members present —

Dr. Alfred C. Heston

Dr. Richard J. Hoard

Dr. Ralph L. Lambert

Dr. Glenn H. Birkitt

Dr. Barry O. Evans

Dr. Nelson W. Rupp

Dr. Ronald K. Harris

Dr. David Bridgeman

Dr. Carlo DeLaurentis

Dr. R. Craig Bridgeman

Dr. William J. Roberts

Dr. Allan G. Osborn

Adjournment — 3:50 p.m.

American Academy of Gold Foil Operators

Annual Meeting — October 14–16, 1992

Orlando, Florida

Lakeside Hospitality in Florida

The welcoming party on the first night of the annual meeting took place on the lakefront forecourt at the Disney Contemporary Resort Hotel. The buffet was first class, and everyone right down to the latest addition to the Academy (The baby Zokol) enjoyed the setting, the ambiance and the good fellowship.



Bob Wolcott, Ted Ramage, Doreen Ramage and Woody Rupp.





Clinic Session



Dr. Barry Evans examines a Class III.

Dr. Tim Carlson examining a Class III.



Dr. Robert Allan completes a Class V.



Observing a Class V.

Banquet Gathering



Dr. Robert Wolcott introducing the new Board: Dr. Glenn Birkitt, Dr. William Pike, Dr. Ted Ramage, Dr. William Harris, Dr. Ralph Lambert and Dr. Richard Hoard.



President Alfred Heston addresses the Banquet.



Incoming President Richard Hoard presents the Past President's Plaque to Dr. Alfred Heston.





Dr. James Verneti, Dr. Robert Wolcott and Dr. Bill Ferguson addressed the Banquet reminiscing about the first and other early meetings of the Academy. It is now 40 years since Dr. Bruce Smith became our First President during the first two years of the Academy.

Distinguished Member Award



Dr. Bill Roberts presents Dr. Nelson Rupp with the Distinguished Member Award.

Dr. William J. Roberts from Houston in Texas introduced this year's recipient of the Distinguished Member Award **Dr. Nelson Rupp**.

Dr. Roberts spoke of "Woody's" many accomplishments, from his early days following graduation from Ohio State University, when he entered Private Practice for two years, prior to his joining the United States Navy from which he retired in 1969 as a Captain in order to commence his work at the Bureau of Standards, where in conjunction with Georgetown University he earned his M.Sc. degree. From the Paffenbarger Research Center, Woody made many contributions to the profession both scientific and clinical.

Woody served as president of this Academy for the year 1986 when we enjoyed a splendid meeting in Puerto Rico. He also served as President of our sister Academy, The Academy of Operative Dentistry in 1979. Woody is a member of The American Academy of Restorative Dentistry, the International & American Associations for Dental Research and more, he has given lectures in many countries of the world and is constantly sought out for his opinions on all manner of topics.

Woody has received many awards and recognitions, including the Hollenback Memorial Prize from the Operative Academy, and the Callahan Memorial Award from the Ohio State Dental Association,



the Wilmer Souder Award from the I.A.D.R. and in 1990 he was made an Honorary Member in the American College of Prosthodontists.

He has a special interest in study club activity, and has visited and contributed to clubs many throughout the United States and Canada,



Dr. Bill Roberts with Helen and Woody Rupp following the Distinguished Member Presentation.

and is still active in the Navy Dental Study Club which has Gold Foil as its core.

We all salute a very fine gentleman and role model who is this year's recipient of the Distinguished Member Award Dr. Nelson Rupp.

INDIANA DIRECT GOLD COURSE

The continuing education course in Direct Gold Technique will once again be offered at Indiana University School of Dentistry in 1992. This course was originally designed to offer assistance in technique and materials relative to gold foil and other direct golds as a restorative service. It was co-sponsored by the American Academy of Gold Foil Operators and the Academy of Operative Dentistry. Response last year was very positive, even with a last minute notice, so it will be held once again June 1-4, 1993.

As in the past, there will be a Basic and Advanced course. The Basic course is designed to acquaint or refresh those who desire this level of information, and the cost will again be \$100, including everything except room and board. Patients and equipment are provided, as well as all materials. The Advanced course is primarily for those who have either taken the Basic course, or who feel comfortable with general technique, and wish to improve their skills. The cost for this is \$150.

Anyone interested in enrolling should contact:

Dr. Ronald K. Harris
1121 W. Michigan St.
Indianapolis, IN 46202

In order to effectively plan the course and faculty roles, applications should be received no later than March 15, 1993. Space is limited, so applications will be considered in the order received.

Didactic Session

The Didactic session took a new turn this year with a look back at some of the classic films that had been produced over the years demonstrating study club and gold foil activity.

The session, was introduced by incoming President Dr. Richard Hoard, and commenced with slides of a number of notable members of the Academy taken during the early days of their careers. Shown were Dr. Woody Rupp, Dr. Richard V. Tucker, Dr. Gerald Stibbs and Dr. Lloyd Baum.

The films, dating back to 1938 have seen use in both education and study groups. The **first film** produced by Drs. **Smith, Pavone, & Shuchard** at the University of California in San Francisco showed the production of direct gold noting that direct placement of gold had been known since 500 B.C. Gold after rolling to a thin ribbon is cut into 1" squares and placed on parchment wrapped in a gold beater's skin made from ox intestine and dusted off with calcined gypsum using a rabbit's foot. From the first beating some 200 pieces are obtained, this is formed and cut with a special knife with two blades. After two further beatings the gold is transferred to books for sale.

Goldent particles which measure from 1-10 microns were also shown as they were being wrapped in wax and placed in an envelope of fibrous gold. Matt gold preparation, a crystalline form, which was later to be hardened by the introduction of trace amounts of calcium was described. The formation of ropes and pellets by the manufacturer and the treatment with ammonia and chlorine gasses, 30 secs each, to avert contamination as originally proposed by Dr. G. V. Black who had noted the ease with which a nichrome wire could be contaminated. Annealing for 30 secs at a temperature of 650°C drove off NH_4Cl to give the operator cohesive gold. After annealing pellets that have not been used can be stored in pure ethanol for future use.

Various means are available to the dentist for condensation, and demonstrated here were the long handled instruments, the old type push and pull spring loaded instrument, Hollenback's pneumatic, and the familiar electromallet.

The **second film** was a silent film produced in 1938 by **Dr. W. Rule** at the University of California at San Francisco. This was a very nice demonstration of a labial approach Class 3 where application of the rubber dam, assessment of the individual case for not only stress but caries susceptibility and outline form were brought forth. A plaster model helped with some of the finer details. The use and nature of the 33½ to place the gingival, and the manner of hand instrumentation where hoes and hatchets are used to refine the preparation were all beautifully demonstrated.

Packing, after placement of convenience points by means of a small round bur, was accomplished by using a pneumatic condenser with great care to observe correct lines of force and was expeditiously achieved. Finishing with rotating discs, and the placement of a separator to polish the contact area produced a truly fine restoration. In comparison with the class 3 situation of today a relatively greater degree of caries activity required a more extensive outline form, these being the days prior to the advent of fluorides in communal water and tooth-pastes. The aesthetics remained pleasant and harmonious, with a good balance of line and form.

The **third film** was produced by **Dr. Metcalf**, (a member of Dr. David Shooshan study group), who took over from Dr. Harry True who passed away after the first session. Dr. Jim Verneti became Director thereafter.

Here we again saw the production of gold foil, and it was noted that of the initial three ounces of gold that is rolled

for the process only one ends up in the foil books. The original ingot being 3"×2"1½" which is rolled in 45 minutes to a ribbon 26' long. This is then cut into 1.2" squares, 200 of which are then formed into a Kutsch whose outside is 3.25" square.

Shown next was the filing shoder removing the excess gold, and it was noted that after 45 minutes of beating that the Kutsch was very warm. A stone from Scotland and shaving soap was used to brine the skins in preparation for the final beating. The skins were capable of rejuvenation if beaten between parchment. The total time allowed for the beating of the 3 ounces of gold stood at 24 hours.

The annealing of gold, the formation of pellets and cylinders, and the necessary instruments were then demonstrated for a clinical placement of a class 5, and also a phantom model, of a Ferrier outline preparation where non-cohesive foil was placed first.

The **Fourth Film**, after the break, was again a black and white film and was a film devoted to the nature of the advantages to be derived from study club activity with its accompanying self discipline. The early sequences are extremely comical as the operator demonstrates everything in the "how not to" mode. Anything and Everything that can go wrong is shown here, from hair in the pulley of the electric motor, cotton rolls on the bur, excess saliva, and where the rubber dam is applied finally it is torn during placement and absolute chaos reigns, especially upon the bracket table.

The second patient in the sequence has an inlay blown down to the back of the mouth, and this is duly swallowed, to be followed by large pills prescribed for its recovery. Upon the second visit for cementation the inlay is lost down the sink during polishing, and must be recovered once again.

This all produced a great deal of merriment amongst the audience, and the contrast with the well disciplined approach following the Operator's arrival and training in a study club clearly demonstrated the benefit to both patient and operator alike of efficient organisation and cooperation between operator and assistant. The message here is as clear and valuable today as it was all those years ago.

The **Final Film** of the morning was the **Classic Film** about gold foil made by William's Gold at the behest of **Mr. Victor William's**. This demonstrates gold and gold foil in a forthright manner with demonstrations of the manufacturing process at the factory as well as clinical demonstrations of the use of foil by some of the greatest and most highly skilled operators in the field of Dentistry. Speakers from widely varying age groups from both Academia and Private Practice relate their enthusiasm for and continuing frequent usage of this excellent material. This film is available from the Williams gold company on either V.H.S. or Beta video cassette and is something that everyone who has one treasures greatly. I highly recommend this film to anyone who has not obtained a personal copy.

Outstanding Clinician Award

The recipient of this year's Award was Dr. Michael Cochran from the University of Indiana. Mike has actively contributed both to the literature and as lecturer and clinician in many countries of the world, he has served as President of this Academy, and has always been most supportive of all its functions. We all extend our hearty congratulations upon the occasion of this well deserved Award.

Thirty Years for the George M. Hollenback Operative Dentistry Seminar

The Homestead Resort, located in Hot Springs, Virginia, was the venue for the thirtieth anniversary celebration of the Hollenback Seminar. It was highlighted by a two day lecture program by Maxwell Anderson of the University of Washington.

Guests who traveled rather long distances to enjoy the hospitality and fellowship were:

Doctors Rick and Kathy Hoard of
Los Angeles, California
Doctor William Belobradish of
Spokane, Washington
Doctor Judy Gray of
Indianapolis, Indiana
Mr. and Mrs. R. Victor Williams of
Ivoclar Williams Company, Buffalo, New York
Ms Diane Miller of The Hygenic Company
Akron, Ohio

José E. Medina, Mentor of the Seminar since its inception gave the principal address at the Saturday evening banquet. The current president is Joel M. Wagoner and Secretary-Treasurer is David F. Bridgeman.



Seminar Members intent on Max Anderson's lecture.



Max Anderson, José Medina and Vic Williams.



Presley and Joel Wagoner, Judy Gray and Bob Nelson.

University of Parma



Dr. Giancarlo Gallo from the alpine city of Alba in Northern Italy recently gave an advanced education course in Gold Foil at the University of Parma. Dr. Gallo has been very active in the organisation of study club activity in Italy for many years, and is a regular member in attendance at the annual Meetings of A.A.G.F.O. where he has presented and performed clinical operations. He was one of the clinicians at the first International Gold Foil Congress in Göttingen in Germany, and presented a paper on the metallurgy involved in gold foil at the Second International Congress that was held in Santa Margherita and Genoa in Italy.

*University of Parma— Operative Dentistry Department.
From left to right: Dr. Giancarlo Gallo — Goldfoil
Teacher, Dr. Stefano Frigeri — Operative Dentistry
Instructor, Prof. Luigino Fiamminghi — Dean,
Dr. Colette Peloso — Operative Dentistry Assistant, and
Dr. Giovanni — Operative Dentistry Assistant.*

Course in Basic and Advanced Direct Gold Technique

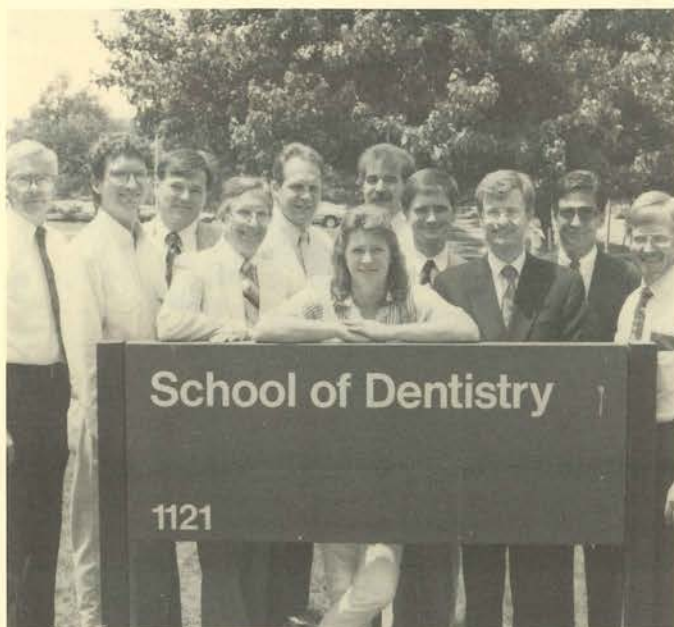
Indiana University School of Dentistry

After a two year respite, the course in Basic and Advanced Direct Gold Technique was held once again at Indiana University School of Dentistry. An enthusiastic group of participants clearly enjoyed the effort. The course was held during the period 9-12 June and there were three Advanced and four Basic students. A minimal fee of \$100 for the Basic and \$150 for the Advanced course still seemed adequate to almost break even with expenses, though the increased cost of materials may necessitate moving that figure up slightly, if the course continues.

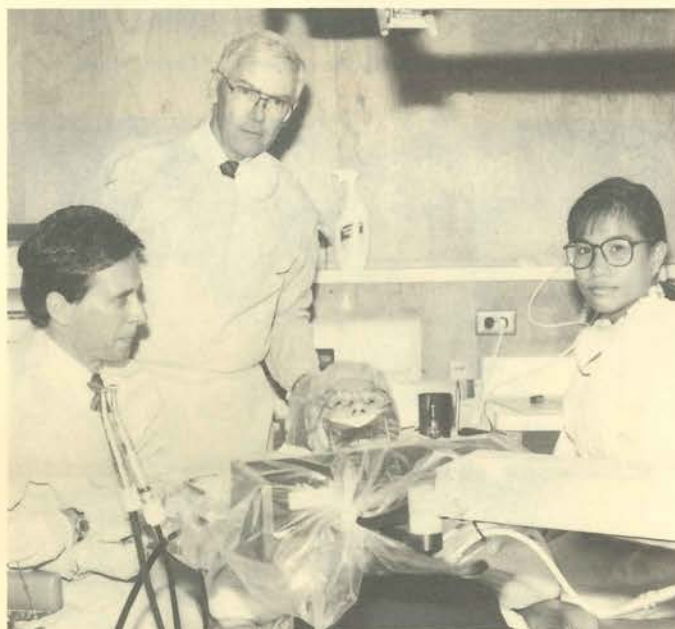
As in the past the faculty consisted of Mel Lund, Mike Cochran, Tim Carlson, Ron Harris and George Willis for various phases of

didactic and clinical experiences. Those taking the Advanced course were: Ralph Rucinski of St. John, IN; John Johnson of Columbus, OH; and Tim Toepke from the University of Illinois. In the Basic course were: Bob Modrowski of St. John, IN and Wolfgang Kohrer, Oliver Schmidt and Walter Quack, all from Germany.

Things proceeded very well, with all the scheduled patients showing up, and everyone arriving and departing on time. The plan is to advertise the course earlier this year to see if there is still adequate interest to present it once again in 1993.



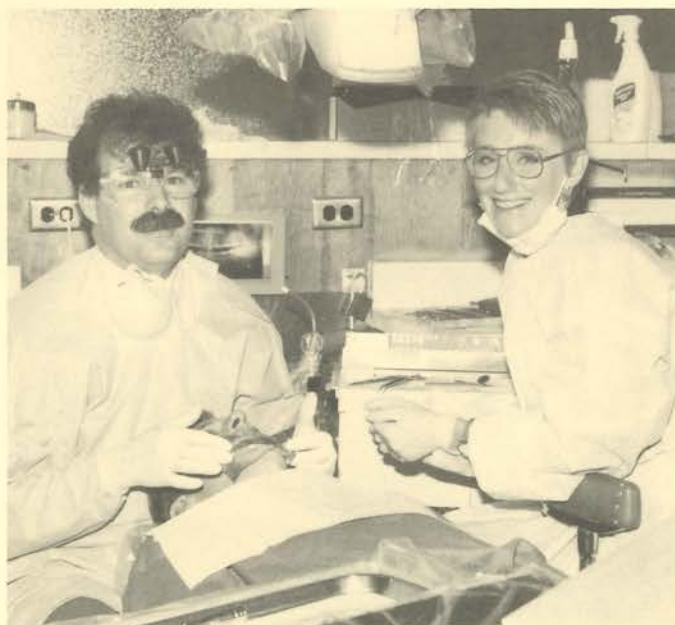
Group picture, left to right: Ron Harris, John Johnson, Ralph Rucinski, Mel Lund, Tim Toepke, Judy Young (dental assistant), Bob Modrowski, Walter Quack, Oliver Schmidt, Wolfgang Kohrer and Tim Carlson.



Ron Harris offering suggestions to Wolfgang Kohrer.



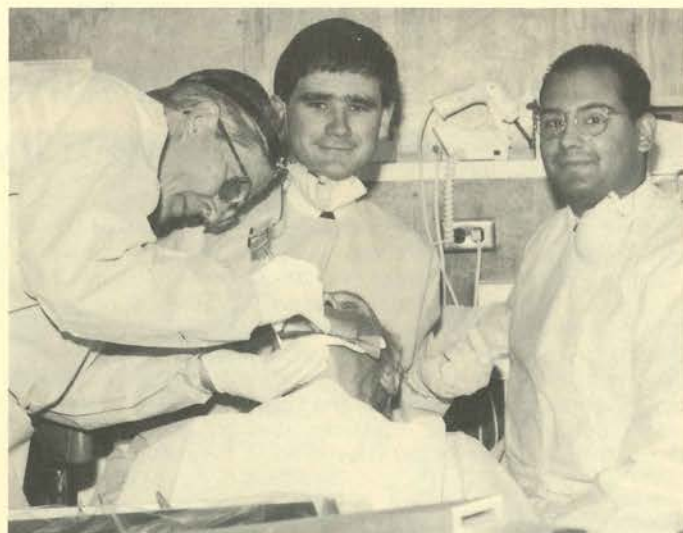
The two Tims in action — Toepke (seated) and Carlson.



Bob Modrowski with second year dental student assisting.



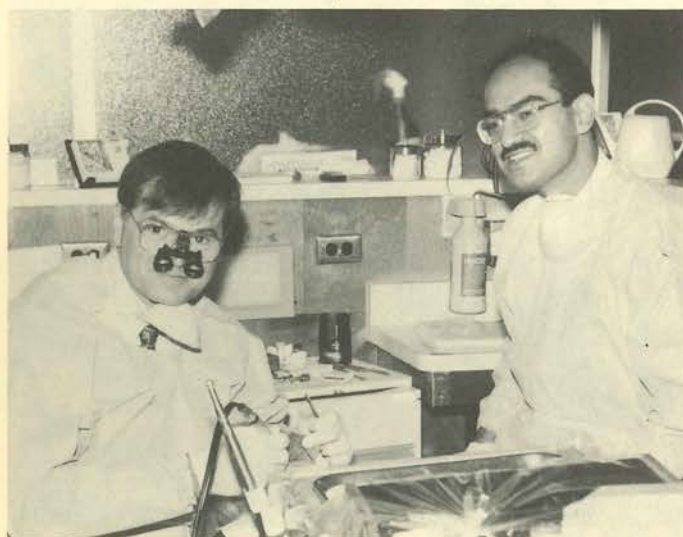
Oliver Schmidt, obviously pleased by the comments of George Willis.



Mel Lund, getting in on the act with Walter Quack (center).



John Johnson showing off with a nice class V, assisted by dental student.



Ralph Rucinski explaining some points to grad student Shuja Haq.



**american
academy
of
gold foil
operators**