

# NEWS- LETTER

IU School of Dentistry

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ALL IS IN READINESS for a site visit of the educational programs at Indiana University School of Dentistry by the Commission on Dental Accreditation in early April. Dr. Glen O. Sagraves, Director of Curriculum Development and Site Visit Coordinator, reports. The dental auxiliary programs and postdoctoral programs will be reviewed on April 5-6, 1983. The dental assisting review will be held in Room 207; dental hygiene will be reviewed in Room S105; and the postdoctoral programs will be reviewed in each of the ten departments involved. The predoctoral review will be held April 5-8 in Room 124 in the Library.

All faculty scheduled to be interviewed have been furnished with all necessary materials. Dr. Sagraves notes that much care and effort has been expended in preparing for the site visit, and Indiana University School of Dentistry is looking forward to it.

DESPITE THE RECENT ROUND OF SNOW FLURRIES and falling temperatures, spring has definitely arrived, and preparations are well underway for an annual highlight of the season--Commencement and all that goes with it. The traditional School of Dentistry Honors Day program, with many awards being presented for meritorious achievement, will be at 12:30 p.m. Sunday, May 15, in the Ballroom of the Indiana Convention-Exposition Center. The graduation ceremony is scheduled for 3 p.m. on the same day, followed by distribution of diplomas.

DEAN RALPH E. MCDONALD has noted that the Annual Giving Report for 1982 includes the following: Number of donors-637; Century Club members-380; Century II Fellows-49; Dean's Council, Pursuit of Excellence-40. The total dollar amount in the 1982 drive was \$219,419.99, a 15 per cent increase over the 1981 total. The average gift was \$344.46, again an increase over last year. Included in the Pursuit of Excellence Fund was \$33,169 of gifts-in-kind.

DR. MAYNARD K. HINE, Chancellor Emeritus of IUPUI and Professor Emeritus of Periodontics, has been named Chairman of the National Dissemination Project of the National Round Table on Dental Quality Assurance, to be held at American Dental Association Headquarters in Chicago April 25-26. The program is sponsored by the American Fund for Dental Health.

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ON FEBRUARY 20, 1983, Drs. William Borman and Paul Zitterbart of the Department of Oral Diagnosis/Oral Medicine presented a table clinic entitled "Nursing Home Dentistry" at the Chicago Dental Society Midwinter Meeting. The presentation consisted of a slide series and discussion of the nursing home setting and the various techniques used to provide dental care to these patients.

Dr. Borman has also been elected as delegate to the Indiana Dental Association from the Indianapolis District Dental Society.

PROF. MARIE SPARKS, Librarian of the School of Dentistry, presented a paper on "A Dental Library Instruction Program" during the Annual Meeting of the American Association of Dental Schools in Cincinnati on March 12-13. On March 19 she attended an all-day workshop at Northern Kentucky University on "Communication in Management."

JUST OFF THE PRESS is the Fourth Edition of the text Dentistry for the Child and Adolescent, by Dean Ralph E. McDonald and Dr. David R. Avery. The book is published by C. V. Mosby, St. Louis.

DR. WILLIAM G. SHAFER has been informed that the Department of Oral Pathology has been awarded a Regular Clinical Fellowship by the American Cancer Society for the period of July 1, 1983 to June 30, 1984. The second year postdoctoral student, Dr. Bruce P. McCoy, will begin his second year of training in oral pathology and will be the recipient of the Fellowship.

DR. GLEN O. SAGRAVES, Director of Curriculum Development, has been elected Secretary of the Faculty Council of Indiana University-Purdue University at Indianapolis.

THE SECOND EDITION of An Atlas of Dental Radiographic Anatomy by Dr. Myron J. Kasle has recently been published by W. B. Saunders. The Atlas has been translated and published in Italian, French, Portuguese and Japanese.

DR. RAY K. MAESAKA, Coordinator of Clinical Dentistry, and Prof. Roberta Hilderbrand will participate in the Health Fitness Fair on May 20, 1983 from 9:00 a.m. to 4:00 p.m. Ms. Hilderbrand will demonstrate tooth brushing and flossing technique, using a manikin; and Dr. Maesaka will give a slide presentation of before and after treatment cases from various clinical disciplines. The event will be held under a big tent east of the Union Building-between there and Riley Hospital.

THE SCHOOL OF DENTISTRY STAFF COUNCIL held its first meeting for election of officers and adoption of Bylaws on Feb. 28. The meeting grew out of last summer's Staff Seminar dealing with means of promoting more significant representation of non-academic staff members in communication and decision-making processes of the School. To accomplish this, a Staff Council was formed with the following objectives: to increase the sense of identity, recognition and worth of each staff member in his/her relationship to the School; to identify concerns relating to staff and to seek solutions; to provide a channel of communication for staff with administration and faculty; to promote the development of and recommend policies which will aid in retaining highly qualified personnel; to integrate the staff into School affairs; and to establish and promote School-wide activities, publications, workshops and seminars.



Shortly after the Staff Seminar in the summer of 1982, Dean Ralph E. McDonald appointed a Committee consisting of Joan Justus, Shirley Shazer and Michael Halloran to formulate an original set of Bylaws. These individuals worked diligently for many hours to produce the final document for distribution to all staff members. They were then re-appointed as the Nominating Committee to prepare a slate of candidates for the February election. The following were elected to two-year terms: Ms. Cathi L. Eagan, President; Ms. Nancy Stillabower, Vice President; Ms. Drew Beck, Secretary; and Dr. Robert L. Bogan, Faculty Advisor.

The Bylaws were unanimously accepted and it was announced that the newly inducted officers would be soliciting interested individuals who would like to be considered for appointment to these Standing Committees: Election Committee; Communications Committee; Bylaws Committee; Personnel Affairs Committee; and Staff/Faculty Relations Committee.

The first business meeting of the IUSD Staff Council will be scheduled for Fall semester and it is anticipated that great strides will have been made over the summer by the above-mentioned committees in developing a sense of camaraderie and rapport in resolving any difficulties between the students, faculty and staff of IUSD.

DR. RALPH W. PHILLIPS, Associate Dean for Research, was presented with the First Annual G. V. Black Distinguished Lecture Award by the School of Dental Medicine, Washington University, St. Louis, Missouri on February 12. The plaque states: "In recognition of his outstanding contribution to the advancement of Continuing Education in the field of Dental Materials Science."

AGAIN THIS YEAR the Premier Dental Products Company and the Julius and Ray Charlestein Foundation have donated \$500 to be presented to the dental student winner of the Table Clinic Contest.

DR. MATTIJS VRIJHOEF from Holland spent several days with the Department of Dental Materials in March working on a project of mutual interest, as he did last year. Guest lectures/seminars were scheduled at 3:30 p.m. on March 23 and March 30 for interested faculty and students in Room 115.

DR. ROSARIO POTTER reports that on March 9 a one-day workshop on computer-aided instruction (CAI) was held at her laboratory in the Dental School, in connection with the Digital Equipment Corporation sponsored project. Dr. William Sanders, project coordinator, headed the workshop. Other consultants from Bloomington Academic Computing Services (BACS) were Jay Feldman, Cathy Spiaggia, and Joan Molino. Participants were Prof. Carol Deets, Deanna Hurt, and Donna Yancey from the School of Nursing; Don Sith and Karen Gernand from the School of Medicine Microbiology Department; Dr. Potter, James Hubbard, Cham Hovijitra, and Vicki Williams from IUSD. Topics concerned prerequisites to programming through the VAX computer at Bloomington: Accessing file commands, command utilities, graphics editor and the Digital Authoring Language. Since then, the IUSD group headed by Dr. Potter has begun programming Dental Board review questions and tooth morphology graphics for CAI. The IUSD and BACS groups will meet continuously as the programming process continues.

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THE DENTAL FACULTY TEAM finished first in the faculty-staff basketball league with a 5-0 record. They were defeated in the second round of the post-season tournament 43-41 in double overtime. Team members were: Drs. Carl Newton, Dave Riggs, Mike Kastle, Chuck Steffel, George Lanning, Tim Turner, Dave Wiener, and Mike Vibbert. The above were joined by Drs. John Hennette, Steve Kees, Bill Johnson, and Craig Herman to form the nucleus of the team for the faculty-senior game. Also playing superbly for the faculty were Drs. Barry Fritsch, Ken Heitman, Kevin Kline, Ron Hinkle, and Bob Bratton.

Led by Ron Hinkle's 21 points, the faculty also defeated the seniors 98-96. Dave Riggs had 13 and George Lanning had 11 points. The seniors were led by Brad Wilson's 17 points. Other high scorers were Dan Faulk, 11; Scott Christey, 9; and Jay Asdell, 8. It appeared the seniors could have beaten the faculty by a wide margin, but were nice enough to allow the older men to capture their fourth victory in the last 6 years. In the warm-up game Jay Hughes led the Juniors to an 80-65 victory over the sophomores with 14 points. Jeff Hodge and Steve Green had 12 each and Steve Ballard scored 10 points. The sophomores were led by Jim Oxford with 12 points and 7 each by Louis Plumlee and Bob Mattern.

The Dental Dames were pleased with the crowd response to the Senior-Faculty game and everyone enjoyed the post-game all school party thanks to the hard work of the class vice-presidents and their helpers.

DR. FELIX LUTZ, of the University of Zurich, recently completed a two-year sabbatical in the Dental Materials Department. At his home University in Switzerland Dr. Lutz holds the faculty position of Senior Assistant in the Department of Cariology and Preventive Dentistry. The chairman of that department is Professor Hans Muhlemann, a world-renowned authority on dental caries. Dr. Lutz is possibly the best informed scientist anywhere on the clinical performance of composite resin systems. It is well known in the profession that no other area of restorative dentistry has seen such a transition with the advent of the visible light cured and microfilled systems. Dr. Lutz has collected a great deal of clinical data on these materials, as well as many promising experimental formulations. The purpose of his sabbatical was to expand on the laboratory base for establishing viable tests to monitor physical properties.

DR. JAMES R. ROCHE, Associate Dean for Faculty Development, has been honored by the IUPUI Learning Resources Committee with a plaque in recognition of his contributions as committee chairman in 1980-81 and 1981-82. The presentation was made on February 10 during the kickoff dinner preceding the Annual Symposium sponsored by the Learning Resources group. Prof. Magdalene Fuller, of the School of Nursing, received a similar plaque honoring her service as a former chairman.

THE 1983 EDITION OF THE PUBLICATION "Federal Benefits for Veterans and Dependents" is now available to the public. The 71-page booklet, prepared by the Veterans Administration, sells for \$4.50. To order, write the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, and give the book's title and number (IS-1). It lists all benefits available to veterans, their families or survivors and lists all regional offices, medical centers, national cemeteries and veterans centers, as well as alcohol and drug dependence treatment centers.



DR. SIMON KATZ, Professor of Preventive Dentistry, has returned from a visit to the University of Malaysia in Kuala Lumpur, where he had been invited to serve as an "External Examiner" for the School of Dentistry there. At the request of the Newsletter, Dr. Katz wrote the following account of the visit:

If your ideas concerning Malaysia match those of my boyhood, you may be thinking of mystery, intrigue, crime and double-crossing in the middle of impenetrable rubber plantations; or of pirates with eye patches and peglegs sailing Chinese sampans in the murky waters of neighboring Singapore; or of cutting all sorts of sinister deals in the tortuous alley-ways of that port city. This is of course pure overheated imagination, and certainly is not the only 'hot' thing about Malaysia. The weather is also hot -- 85° average year round, with dailies reaching into the 90's and above and humidity to match. Also hot, and very hot, is the progressive spirit and dynamism of the Malaysian people, who are endeavoring to push their country full speed toward an advanced stage of development. And hot, too, is the drive of the dean of the Dental School of the University of Malaysia to obtain the best possible dental education for his students, and the efforts of the health authorities to improve the level and degree of dental care that is delivered to the people.

But let's consider first what to our occidental eyes may be some

#### Oddities

Malaysia is a federated monarchy, but the king is elected. Kings serve for five years, and then are replaced by a new one who is elected by, and from, a group of 9 "rulers" who are the heads of 9 of the 13 or 14 states that compose the Malaysian federation. Would you believe that during the last royal election two of the rulers declined the honor, forcing a third ballot? They have a parliamentary system, with an elected prime minister, pretty much along the British model.

The population comprises three main ethnic groups: about 50% are Malays (Moslems); 40% are of Chinese descent, and 10% Indian-Pakistani. Perhaps the biggest oddity (in the world in which we live) is that the three groups seem to live in perfect peace and harmony, and thrive together beautifully. I found plenty of examples of this spirit of acceptance of others in the Dental School, the Dental Division of the Ministry of Health, and just walking along the streets of Kuala Lumpur (as much as you can walk when it is 95° and stickily humid). The Malaysians are giving the world an example of tolerance and understanding that I wish our politicians would hear.

In addition to U.S.-style fast food outlets (McDonald's, Kentucky Fried Chicken, even A & W's), I saw multitudes of street vendors with local foods that I could not identify. Many were very tasty; most were too spicy for me. Many small snacks come affixed



to one, two, even three tooth-picks. You ask for them, and the vendor gives you a plate and invites you to pick them up, eat them, and lay the toothpicks on the plate. He counts the toothpicks, and charges you at so much per unit.

Kuala Lumpur is a beautiful and clean capital city. You are immediately impressed by the buildings being constructed, and roads being opened, paved and/or widened. Roads are very good; I saw several well kept "interstate like" highways. Following British tradition, they drive on the left side of the streets. And cars have the steering wheel on the right. I never saw such a concentration of deluxe European cars: Mercedes, Volvos, BMW's. And, of course, the ubiquitous Toyotas, Hondas, Datsuns, Mitsubishi's and the like.

### Talking Shop

Relative to population, Malaysia is ahead of the U.S. in fluoridation. While we are just now reaching the figure of 50% of our population being served by fluoridated water, the Malaysians reached that mark in 1977, when 75 fluoridation plants served half of the 12 million people living in the Malaysian peninsula. Likewise, there are "Triennial Development Plans" which call for many new fluoridation plants.

One driving force behind the fluoridation movement in Malaysia was Dr. Haji Abdul Rahman, past Director of Dental Services of the Ministry of Health and currently Head of the Department of Preventive Dentistry, of the Dental School. Dr. Abdul Rahman (translation "Servant of God"), a devout Moslem, brought a sort of religious fervor to the task of promoting fluoridation. "I believe", he said, "that God put me on this earth for a purpose, and that it is my obligation to fulfill such purpose. When I get up in the morning, immediately after the early prayers, my first thought is: 'What is the task God intended for me today?'" And it was my perception that he felt very strongly that it has been within the divine design that he pursue a career in dentistry, and later a doctorate in Public Health in Toronto, Canada, to serve his people as best he could. And that fluoridation was the tool that was given to him to accomplish God's design. When my wife and I left his office, I told her that while he was talking I had the strong perception that Anwar Sadat must have been a man of this sort." She said she had thought the same thing!

The Dental School occupies a very modern building within a sprawling, beautiful, tree-covered campus, very close to the Medical School and an impressive University Hospital. They have a four-year curriculum: two pre-clinical years, with many of the subjects being taught at the medical school, and two clinical years. The school is very well equipped, with modular dental units quite similar to ours. I visited the Department of Oral Surgery, where they have facilities for minor operations, with a recuperating room and the like.

We in Indiana should be very proud of having contributed to the improvement of dental education in Malaysia through the efforts of an alumna of our graduate program, Dr. Rahimah Abdul Kadir, who is on their Preventive Dentistry Faculty now. I have before me a "Handbook in Oral Health Care for Year One Dental Students," and its pages strongly



reflect material that we taught Rahimah, and furnished to her, while she was in Indianapolis. In a way, they have gone one up on us: they have a new wing devoted to clinical preventive dentistry, with a big room devoted to patient education in dental health and oral hygiene that I wish we had.

I was extremely impressed with the level of preparation of the Dental School Faculty that I met. All of them have pursued courses of advanced study abroad, most of them in the United Kingdom, with which Malaysia keeps close ties. The very young Dental Dean, Dr. Mohammed Ariffin, who holds an advanced degree in Dental Public Health, is very progressive, as evidenced by the fact that 11 of his faculty are enrolled in advanced programs abroad (several are working toward Ph.D.s) under scholarships provided by the Malaysian government through the Dental School.

The School was started only about 10 years ago. I think that they excel in two aspects of the University mission: teaching and service, and that the time has come for them to start the third: research. In fulfilling my role as an "External Examiner" (this is part of a traditional British institution whereby faculty from other universities participate in the final examination given each academic year), and also in talking with some of the younger faculty members, I found that little or no research is conducted. What the students had learned (and obviously what was taught) seemed rather "bookish" and somewhat dogmatic. This is white, and this is black, and this is the way it is.

Those of us who have lived in a world of research, or at least are used to breathe in an atmosphere of research, know that scientific truth is elusive and, even worse, elusively changing; what appears rock-solid truth today may become shaky ground tomorrow. When author "A" states: "My results indicate this"; but our own experience suggests a different answer; and perhaps another author come to yet a third conclusion, we realize that in a way our knowledge is like swiss cheese: it has substance, but also holes. It humbles us to be forced to recognize that factors participate in a problem which we did not anticipate when we planned our research. But it is this humility that gives us a sound dose of critical skepticism, prevents us from being dogmatic, and in the process makes us better teachers.

As External Examiner, I plan to suggest in my report to the Vice Chancellor, University of Malaysia, that the time has come for the School of Dentistry to start a program in research. In fact, the seeds have already been sown in the form of a project to assess caries risk that I proposed and where the necessary knowhow will be provided by the Oral Health Research Institute and the Department of Oral Microbiology. Research is a field in which our School, with its vast expertise, can be of tremendous help to our sister School in Malaysia to acquire the "seasoning" that I believe it needs to become an outstanding center of dental education. That brings me back to Dr. Abdul Rahman and his mission on earth. Wouldn't this be an opportunity to contribute, within our possibilities, to make our world a little better?

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Private practice is very limited in Malaysia. Most of the required dental services are provided by the Dental Health Division of the Ministry of Health. Insufficiency of human resources is a serious limiting problem, and they have approached it by establishing priorities: school children, pregnant women and preschool children. There are over 700 dental clinics in hospitals, rural health centers, and the like. They have also a number of mobile dental units. Fluoridation is helping them to reduce the magnitude of the problem, in that it not only reduces the total number of carious lesions but also, and in even greater proportion, the number of extensive lesions requiring multi-surface restorations. The need for extractions is also drastically reduced. All of this will permit them to use dental nurses (the New Zealand type), for simple cases, and to use the time of their dentists for the more complex cases. There is a belief that as the country develops the time is approaching when private practice will become much more prevalent, and they are looking into American Dentistry for the required knowhow. Here again our School could make a valuable contribution.

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FOURTH YEAR DENTAL STUDENT Steve Tempel spent two weeks of extramural experience in January with a dental clinic operated by a Methodist Mission in Jeremie, Haiti. Here is a brief account of some of Steve's experiences there:

After a routine flight from Miami to Port-au-Prince and a brief stay in a hotel there, I made the last leg of the trip on a Cessna flight from Port-au-Prince and before we could land in Jeremie, cattle had to be shooed off of the runway. After checking into the guesthouse, we went to Dr. Charles Benedict's house (he is Director of the Dental Clinic at the Methodist Mission) to discuss the next day's schedule. That first night, just as I was beginning to doze off, a voodoo ritual started up about 11:30 p.m. and there was a lot of noise for about an hour.

At 7:30 the next morning Dr. Benedict and I opened the dental clinic, which had a vintage dental chair in one room and a fold-down chair in another. Dr. Benedict examined and anesthetized the patients while I extracted most of the teeth. We treated over thirty patients in 4½ hours. I probably extracted thirty or more teeth, and it was the first time that I had ever done a surgical extraction with hammer and chisel! During the day I also tried to learn some Creole words (it's a good thing the assistants were tolerant).

Getting to work in Jeremie was an experience. We drove down the street slowly, blowing the horn and hoping everyone would scatter out of the way in time. On the second day in the clinic we had fewer patients, but those that we treated really kept us busy. For the next couple of days it rained constantly, and the patient load was even lighter--it seems that rain keeps the Jeremie residents away from the clinic, probably because the roads turn into mud pits. I tried to call home to Indiana four or five times in the evening but couldn't get an operator. The weather finally cleared up for the weekend (the clinic is closed on Saturday and Sunday). We had barbecued goat for Saturday dinner, which was excellent. I still couldn't get an operator on the phone.



On Sunday the thought of attending but not understanding a three-hour service in Creole at the church in town prompted us to hold services at the house. In the afternoon I enjoyed a visit to the beautiful beach where the ocean seemed a little rough, especially since I was the only one there. I tried to body-surf, but with little luck: either the waves weren't right or I wasn't any good. That evening I went to bed at 9:30 to catch up on sleep (the dogs and chickens had been waking me daily at 5:00 a.m.).

A 30-mile trip to the mountains to treat the people there took two hours on a rocky road so rough that at one point I could have walked faster than we drove. The final three-quarters of a mile was driven over a "path" that may not even have been intended for a car's passage. We treated 55 patients, using flashlights to illuminate surgical procedures. One patient had a draining fistula from mandibular molars. Back in Jeremie that night I was awakened at 4:00 a.m. by drums and wailing, apparently marking the death of one of the townspeople.

Another trip into the mountains turned into a long day, with Dr. Benedict and I seeing 107 patients. We started at 9:20 a.m. and worked until dusk, with 20 minutes for lunch.

The next day we again worked in the field, treating 117 patients. I did nine surgicals and approximately 80 extractions. Again we finished in the dark, working by flashlight. The next day I faced the long drive to Port-au-Prince and the flight home. I figured I had done approximately 300 extractions and 27 surgicals in the past two weeks.

On the drive to Port-au-Prince our Land Rover was stopped by a roadblock. I didn't know what was going on, but the soldier who opened the door had a rifle and when the driver told me to get out, I moved! Soon we were allowed to drive on. That night at the hotel I met the team of dentists going to Jeremie the next day. We sat around the pool for awhile and then went to see a movie which was entirely in Creole. I understood nothing.

Our flight was an hour late in taking off, making us late for all of our connections. Luckily the other flights were held for us, and I arrived in Indianapolis at 1:30 a.m. I had had a good time in Haiti and learned a lot, but I was really glad to be home again.

THE SPRING MEETING of the Indiana Student Oral Cancer Society will be held Wednesday evening, April 13, 1983 at 5:15 p.m. in room S116. Dr. Joseph A. Regezi, Professor of Oral Pathology at the University of Michigan, will speak on "Dental Management of Patients Irradiated for Oral Cancer." Light refreshments will be served in the student lounge following the meeting which is co-sponsored by the Indiana Division of the American Cancer Society and the I.U.P.U.I. Student Activities Fund. It is open to all those with a professional interest in oral cancer; however, members and students of the dental and dental auxiliary professions are particularly urged to attend. This program has been approved for continuing education credit by the Indiana Academy of General Dentistry.