

# NEWS- LETTER

IU School of Dentistry

FEB 16 1982

JANUARY-FEBRUARY 1982

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DENTISTRY LIBRARY

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FACULTY MEMBERS AND STUDENTS are reminded that Student Table Clinics will be presented on Monday, April 5, 1982. Students who wish to participate should sign up in room 105 for table space before February 26, 1982. Departments are encouraged to promote student participation and to counsel them in the development of their presentation.

FOR THE FIFTH CONSECUTIVE YEAR dental hygiene students on the Indianapolis Campus have scored in the fifth percentile (the highest) on the National Board Dental Hygiene Examination. During the five-year period, 100% of the students have been successful in passing the examination. There are 205 dental hygiene programs in the United States and only four other schools have achieved this excellent record.

THE CENTRAL INDIANA REGIONAL BLOOD CENTER will have their bloodmobile stationed at the Dental School on Tuesday, March 30, 1982 from 1:30-3:30 p.m. Volunteer blood donors are being sought. You should plan to spend 30-45 minutes total, and a reservation sheet is in Dr. Bogan's office (105) for your convenience. They can accommodate 32 people and we would like to fill these available times, so sign up early to avoid the rush.

MR. SCOTT YOUNG, FOURTH YEAR dental student, was recently elected as Executive First Vice President of the American Student Dental Association. Scott and his wife, Nancy Slater Young, were featured in a Page One article in the January 27th issue of the North Side Topics newspaper in Indianapolis.

DR. JOHN S. KISHIBAY, former graduate student in Orthodontics, has received the coveted Milo Hellman Award, the highest research recognition in the specialty. The award is presented to the person who is considered to have conducted the best research for that year in the field of orthodontics, growth and development or associated fields. Dr. Kishibay won the award for his master's thesis research at I.U.S.D., entitled "The Neurotrophic Influence on Craniofacial Development Subsequent to In Utero Unilateral Transection of the Trigeminal (V) Nerve." Dr. LaForrest D. Garner, Chairman of Orthodontics, noted that Dr. Kishibay, who is now a Ph.D. candidate at U.C.L.A., received a \$1000 cash award and will present a lecture based on his research at the May meeting of the American Association of Orthodontists in Atlanta.

SPECIAL ANNOUNCEMENT FROM DR. BOGAN'S OFFICE: In the event of future snow emergencies, it must be assumed that the dental school will be in operation unless an announcement specifically lists the I.U. School of Dentistry as being closed. If an announcement is made concerning the "Medical Center," that applies to the dental school also.

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DR. RALPH W. PHILLIPS, Associate Dean for Research, is the author of the 8th edition of the text "Science of Dental Materials," which has just been published by W. B. Saunders Company. Dr. Eugene Skinner was author of the first four editions, and Dr. Phillips joined him as co-author for the 5th and 6th editions, becoming the author for the 7th and 8th editions following Dr. Skinner's death. This is one of the two most widely sold textbooks in dentistry and the previous edition was translated into five languages. Major contributions to this 700-page text, most sweeping of any of the revisions, were made by members of the dental materials department and certain other dental school faculty.

THE EXHIBIT OF THE SCHOOL OF DENTISTRY Continuing Education Department won first place at the Kansas City meeting of the American Dental Association. This is the second time that their entry has won First place. They have also chalked up a second, a third, and an honorable mention. The most recent exhibit depicted the History of Dentistry and was created by Dr. Rolando DeCastro.

A UNIQUE RESEARCH PROJECT examining twins' teeth, with Dr. Rosario Potter as Chief Investigator, was recently reported in the Journal of the Canadian Dental Association (December 1981). The project is being conducted jointly at McMaster University Medical Centre in Hamilton, Ontario and at IUSD. By studying the roles of heredity and environment in the dentition of twins, the dental geneticists hope to determine the causes of malocclusion. The four-year study is supported by the National Institute of Dental Research.

CONVERSATIONS ABOUT THE RIGORS OF WINTER 1982 in the Indianapolis area are frequently salted with references to "The Blizzard." Thus the Newsletter staff did a bit of rummaging in the files and turned up the following account of the memorable dates of January 24-25, 1978. Read it and dream of April!

Among the hardy band of perhaps a dozen people who showed up at the Dental School for work as usual on Thursday morning during the great Blizzard of '78 were Dr. Sam S Patterson, Chairman of the Department of Endodontics; his son Steve, first-year dental student; Steve's classmate, Ed Posluszny, who rode in with them; Dr. Richard Schnell, of Dental Materials, Mr. Arthur Johnson and Mr. Clifford Hall, of the Animal Room staff on the fifth floor; Dr. Robert Achterberg, graduate student in Oral Pathology; and several other unidentified students, including one who manned the paging telephone for several hours.

Dr. Patterson reports that he took advantage of the unusual quiet to accomplish a good deal of academic work, while Steve and Ed worked in the laboratory. When the three left at 3 p.m., however, their car was thoroughly snowed in on the east parking lot and required much shoveling and pushing. They later had to abandon the car near University Hospital but fortunately were given a ride by a motorist in a four-wheel drive vehicle.

Mrs. Mildred Redford, Supervisor of the School's Animal Research Quarters, told how Arthur Johnson and Cliff Hall ("beautiful people," she says) checked in at their regular time Thursday and Friday mornings to feed and water the 40 monkeys and 100 rats in the quarters and telephoned Mrs. Redford to assure her that things were O.K. Mr. Johnson then set out in his truck, equipped with chains, to carry out essential errands for other people around the area.

Dr. Achterberg came in on Thursday to see that biopsy tissues which had been received the previous day were processed properly. Later in the day he used his 4-wheel drive vehicle to pull cars out of ditches. On Friday Dr. Bruce Wright and Dr. Alan Gould, also graduate students in Oral Pathology, joined forces with Dr. Achterberg to deliver nurses to their hospital assignments, assist stranded motorists, and provide other needed services. Mrs. Redford noted that on their rounds they had checked in at her house to be sure that she was all right and that she had groceries and other necessities.

The Dental School Library was closed Thursday. It was open from 3 to 5 p.m. on Friday, but with few scholars on hand. Many of the regular patrons were undoubtedly shoveling driveways and thinking of spring ....

THE FOLLOWING IS QUOTED FROM A RECENT ISSUE of the Newsletter of the Indiana Partners of the Americas:

Dr. Paul E. Starkey was recently named an honorary member of the Rio Grande do Sul Partners chapter--an honor accorded in the past to only the Governor of the state. Dr. Starkey, a member of the IU School of Dentistry faculty, has also been honored recently by the Foundation of the American Society of Dentistry for Children for his outstanding contributions to the dental profession. Dr. Gilberto Hanke, (M.S.D., 1968) president of Partners in RDS, wrote Dr. Starkey to notify him of the honor and to again express thanks for the many exchange visits Dr. Starkey has made. "The creative potential of our societies can be fully accomplished only if individual citizens, such as Dr. Paul E. Starkey, exercise initiative and are willing to reinforce the work of their governments," Dr. Hanke wrote.

A RECENT INFORMAL SURVEY OF PORTRAITS, PLAQUES, Memorial Exhibits, and other memorabilia in the School of Dentistry and elsewhere on campus has brought to light a surprising number of such items of interest to faculty and staff members, students and others wishing to know more about the distinguished history of our school. The following is an account of these materials under the headings "Portraits and Other Art Work," "Seminar Rooms in the Dental School," "Plaques and Certificates" and "Memorial Exhibits."

#### PORTRAITS AND OTHER ART WORK

A portrait of Dr. Drexell A. Boyd, long-time teacher of Operative Dentistry, who also served for years as chairman of the Operative Dentistry Department, is on display in the Dental School Library. The portrait was purchased by the Class of 1939 and painted by Dr. Rolando DeCastro, of the Dental School faculty.

A life-size oil painting of IUPUI Chancellor Emeritus Maynard K. Hine, who served as Dean of the Dental School from 1945 to 1968, is on display in the Student Union Building. It was painted by

the portrait artist, Dr. Donald Mattison, who was Dean of the Herron Art School at the time. Another portrait of Dr. Hine, purchased by the Indiana University School of Medicine Alumni Association and painted by Edmund Brucker, is on display in the Administration Building on the IUPUI Campus.

On the third floor of the Dental School are portraits of Dr. David A. House, Chairman of Fixed and Removable Partial Prosthodontics from 1917 to 1925; Dr. Ert J. Rogers, Chairman from 1925 to 1950, and Dr. John F. Johnston, Chairman from 1951 to 1965. Likewise the Dental Hygiene Clinic on the third floor displays a portrait of A. Rebekah Fisk, Director of Dental Hygiene from 1949 to 1969, presented by Sigma Phi Alpha, the honorary Dental Hygiene sorority, along with three plaques which were presented to her. Also, a plaque presented by Sigma Phi Alpha lists the dental hygiene students earning the highest academic average from 1961 on.

A large mural which depicts the progress of dentistry from prehistoric times to the present is on display in the foyer of the latest addition to the Dental School. This mural, which was painted by Dr. Rolando DeCastro, includes likenesses of Drs. M. M. House, Howard Raper, William Morton and Horace Wells, F. R. Henshaw, Ray Maesaka, LaForrest Garner, R. W. Phillips, Jack Carr, P. G. C. Hunt, Robert Bogan, Dean Ralph E. McDonald, John F. Johnston, Pierre Fauchard, Hippocrates, John Greenwood, Paul Revere, Sam Patterson, W. C. Roentgen, I. L. Furnas, G. V. Black, William Heiskell, A. Rebekah Fisk, and Maynard K. Hine. Next to the mural is a bronze plaque presented by the Dental School student body to Dr. DeCastro for his "unselfish dedication in the creation of this mural."

A porcelain vase in the Dental School Library was presented to Dr. John N. Hurty on March 12, 1918. Dr. Hurty was a long-time teacher of Indiana Dental College, although his main activity was serving as health commissioner for the State of Indiana for many years.

A bronze bust of Dr. P. G. C. Hunt, chief administrative officer of Indiana Dental College in its early years, is on display in the Dental Library. Dr. Hunt died in 1896. A bust of Dr. Hine, which was purchased for the Dental School by the Alumni Association, is also in the Library.

#### MEMORIAL EXHIBITS

The John F. Johnston Memorial honors this distinguished teacher who set high standards for his undergraduate and graduate students. He was the author of several well accepted textbooks which have been translated into three foreign languages, and received many honors for his contributions to dentistry. The John F. Johnston Study Club made up of former graduate students continues to meet annually. Many of his students are chairmen of departments in other dental schools.

A collection of articulators, given to the Dental School by Dr. Noble G. Wills, a loyal Indiana Dental College alumnus, is located on the fourth floor of the Dental School.

The Dr. M. M. House Memorial Museum on the fourth floor is named for the internationally known prosthodontist who was a teacher at Indiana Dental College from 1918 to 1923. He then went to California and continued his

research in tooth forms. When he died his museum was given to the Dental School, and Mr. Ivan Welborn, who had long served as his technician, mounted the material that Dr. House gave the Dental School, including a portrait and several other pictures.

#### SEMINAR ROOMS

One of the Seminar Rooms (S118) is devoted to displaying some of the honors received by Dr. Joseph F. Volker, and includes various plaques he received. Dr. Volker is currently Chancellor of the University of Alabama. He was graduated from Indiana University School of Dentistry in 1936 and later became Dean of the Dental School at Tufts, and then at the University of Alabama.

The Howard Raper Seminar Room (207) on the second floor of the Dental School contains the library of Howard Raper and his gifts to the University, which include several early x-ray tubes, angulation meters, and several filing cabinets full of his papers. Dr. Raper was a 1906 graduate of Indiana Dental College and taught here for several years. He was a pioneer in dental radiology and wrote the first text in the field.

Memorabilia donated by Dr. John Buhler, graduate of Indiana University School of Dentistry in 1935, are in a Seminar Room on the first floor of the Dental School (S119). Dr. Buhler was a member of the faculty of I. U. S. D., then Temple University, and finally became Dean of the Dental School of the University of South Carolina.

Many of the plaques and certificates which were given to Dr. Hine by various dental organizations are on display in the Hine Seminar Room, which is on the first floor of the most recent addition to the Dental School.

The Timmons Room on the fourth floor has on display many plaques and certificates received by Dr. Gerald Timmons which he donated to the Dental School. A 1925 alumnus of IUSD, Dr. Timmons was Acting Dean in 1938-39 and later served as Dean of Temple University. The Timmons room is S426.

#### PLAQUES AND CERTIFICATES

A bronze plaque in memory of three outstanding teachers at Indiana University School of Dentistry, Dr. Frank C. Hughes, Dr. Ert J. Rogers, and Dr. John L. Wilson, was purchased by the Class of 1926 and is mounted in the third floor hall.

Dr. George Edwin Hunt, Dean of Indiana Dental College from 1899 until his death July 11, 1914, was honored by a bronze plaque which was purchased by the Dental Profession of Indiana, and mounted near the Michigan Street entrance of the School.

The Indiana State Dental Association presented the School of Dentistry with a bronze plaque listing all presidents of the Association from 1858 to 1958. Another bronze plaque in memory of John Gurney Byram and in appreciation of his services to the dental profession as a teacher, author and scientist, was presented by the Dental Profession of Indiana. These plaques are also mounted near the Michigan Street entrance.

Dr. Frederic Henshaw, who served as Dean of Indiana Dental College and then Indiana University School of Dentistry from 1914 to 1938, was honored by a plaque purchased by the Dental Profession of Indiana which is also mounted near the Michigan Street entrance.

Dr. Harry J. Healey, founder of the Department of Endodontics and for forty years a distinguished teacher of the Indiana University School of Dentistry, was honored by a bronze plaque which is on display in the third floor Dental Clinic at the Dental School.

A bronze plaque purchased by the Indiana Dental Association to honor the Indiana dentists who lost their lives in World War I is mounted near the Michigan Street entrance of the Dental School.

Plaques on display in the Library include a plaque listing the faculty member who had been chosen by each class for meritorious teaching 1958, 1959 and 1977, purchased by the Class of 1959. The Class of 1978 purchased a similar plaque. Also, Cuban dentists who fled from communism and enrolled in Indiana University School of Dentistry presented a plaque to the Dental School expressing appreciation for the welcome they received here. Indiana University School of Dentistry Alumni Association sponsored a plaque commemorating alumni who gave their lives in the service of our country from 1968 on.

On display in the Dean's Office are a number of certificates and plaques and various gifts presented to Dean Ralph E. McDonald by students and alumni of the Dental School. The Dental Illustrations Department contains a collection of certificates and citations given to Mr. Richard Scott, Director of Dental Illustrations.

The Dental Library has been given many books by alumni and friends as memorials.

Just east of the Dental School is a memorial for Louis V. Mazzini. The text on this monument is "Serologist, researcher, humanitarian." He was given the name "Indiana's Mazzini" by Dr. Thurman B. Rice, Indiana State Board of Health Commissioner during World War II. The memorial honors Dr. Mazzini for his development of an inexpensive, rapid, sensitive, and dependable slide test for the detection of early, latent, and congenital syphilis, and for the detection of false positive cases. Patent rights were donated to the Indiana University Foundation. The monument is mounted on a granite slab on the Dental School grounds facing Michigan St.

Anyone who knows of an exhibit of interest that may have been missed in this survey is requested to get in touch with Dr. Maynard K. Hine in Room 202A.

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THE RIBBON CUTTING CEREMONY for an impressive Dental Health Exhibit created by Dr. Rolando DeCastro, Director of Art and Professor of Oral Anatomy, was held February 6 at the Children's Museum in Indianapolis. The exhibit has become a reality after 1½ years of planning and fund-raising by the Women's Auxiliary of the Indianapolis District Dental Society. It depicts the mouth as a "Germ City," until a toothpaste "train" enters carrying the dental team and oral hygiene supplies. When the train emerges, "Germ City" has been converted into a normal healthy mouth.

IN EARLY JANUARY Dean Ralph E. McDonald, Associate Dean Ralph G. Schimmele and Prof. Paul Barton visited dental clinics at state and federal institutions and other Central and Western Indiana sites where dental students were gaining their extramural experience. The sites visited and the students involved were: LaRue Carter Hospital (Ms. Vicki Burge and Mr. Chris Kesling), Veterans Administration Hospital (Steve Tempel), and Citizens Ambulatory Health Center (Ms. Jane Heyde), all in Indianapolis; Indiana Youth Center and Indiana Boys' School, Plainfield (Mr. Terry Mahoney and Mr. Bruce McDowell); and U. S. Penitentiary, Terre Haute (Mr. Gary Metzler).

Upon completion of their period of service at the sites visited, the student participants were asked for comments on the value of the experience to them. All seven felt that they had benefited from the experience and reported excellent acceptance by patients as well as by colleagues. They also said they would recommend such experience to their classmates. Other questions elicited comments like these from the students:

"The administration (of the clinic) was very friendly and helpful. I felt very comfortable working at the center....A normal day included fillings, extractions, exams, and prophys. I was allowed to do the exams and prophys and any fillings or extractions that were not difficult." (Jane Heyde)

"If this was the first time in (for a patient at the clinic) we performed a routine dental exam and took bitewing radiographs. If any problems were seen upon examination, an appointment was made to correct them. Most of the patients were easy to get along with. All in all it was a good experience, especially in learning to handle these patients psychologically." (Chris Kesling)

"Each institution has its own set of rules and its own unique problems which differ from private practice problems. I would recommend that two or more weeks of a student's extramural program be spent in an institution which has dental care facilities....Learning to accept each patient's handicap and communicating in positive terms for achieving productive treatment is challenging." (Vicki Burge)

"To a man, and woman, they (institutional administration and on-site colleagues) were all very helpful. An institutional experience is a good chance to see a considerable number of practitioners work in a closed area....I can think of no patient who said anything to indicate that my presence bothered him." (Steve Tempel)

"Both the staff dentist and the administrator went out of their way to make us feel at ease....The extra experience in operative dentistry is really helpful. There is a difference between institutional dentistry and private practice. Because of the funding situation compromises must be made in regard to ideal dental treatment. This is important also in dealing with patients in private practice who can not afford expensive and ideal dentistry such as extensive crown and bridge." (Bruce McDowell)

"At the Youth Center I arrived at 8:30 a.m. and generally a patient was seated in the operatory assigned to me. My assistant advised me of the treatment that had been planned for the particular patient. Usually we saw three patients in the morning for operative procedures and any emergency cases. From 12:30 to 1:00 we diagnosed and charted 12 to 25 new patients. The afternoon went like the morning, with three patients, on the average, scheduled for operative procedures, with occasional oral surgery or emergency consultations." (Terry Mahoney)

"On the average I treated approximately five patients a day. I did no prophys or lab work at all. The pace was rather easy but the work was interesting. I gained confidence in many ways as a result of the dentists' encouragement and patients' appreciation of my ability to render various types of dental care (operative, perio, endo, complete denture, partial denture, oral surgery, much patient psychology) in a clinical setting where instruments, materials and the type of patient being treated were new and different for me. My clinical skills were challenged and utilized. The most fascinating aspect of the experience in my opinion was the daily adventure of dealing with inmates. They treated me well, but some made rigorous demands on my ability to relate to patients as feeling-thinking human beings. I believe such challenges enhance one's appreciation of life." (Gary Metzler)

The following School of Dentistry alumni are now serving as directors of dental programs at the sites visited and extended their hospitality to the visiting group: Dr. David T. Amos (Class of 1955), LaRue Carter Hospital; Dr. Merle C. Drew (Class of 1950), U. S. Penitentiary; Dr. Henry C. Heimansohn (Class of 1950), Indiana Boys' School; Dr. Louis E. Kelley (Class of 1962), Indiana Youth Center; and Dr. Reuben L. White (Class of 1963), Citizens Ambulatory Health Center. Dr. Richard F. Smith, dental director at the VA Medical Center, is a University of Iowa graduate. Also on hand during the VA visit were Dr. Mary Anne Bain and Dr. Jim Potts, both IUSD graduates in 1981 and both now serving as residents at the VA.

Other staff dentists who also provided guidance to our students in their extra-mural experience were Dr. Cardinal Casey (Class of 1958 at IUSD), Citizens Ambulatory Health Center; and Dr. Karl Meyer (a University of Illinois graduate), U. S. Penitentiary.

WORD HAS BEEN RECEIVED HERE of an honor which has recently been bestowed upon Mrs. Cleona Harvey, long-time Recorder of the Dental School who also served as advisor and friend to generations of dental students. The award was in recognition of Mrs. Harvey's outstanding achievement as a teacher of adult Sunday School classes in Southern California. Mrs. Harvey is now retired and living in San Diego.

MUCH-APPRECIATED CONTRIBUTIONS to the enjoyment of the School's Christmas party were made by Dr. Norris Richmond, director of the choir which consisted of the following members: Ms. Katherine Barron, Ms. Jennifer Wood, Ms. Sheila Scott, Dr. Myron Kasle, Dr. Leonard Koerber, Mr. Bruce Mitchell, Ms. Nancy O'Hara, Dr. Tim Carlson, Ms. Shirley Shazer, Ms. Alene Keilholz, Ms. Kathy Halcomb, Ms. Marsha Brickey, Dr. Larry Ryan, Mr. John Bean, Ms. Susan Brancheau and Ms. Carolyn Brown.

The following submitted the winning cookie recipes at the Christmas party:

Carol Ann Steinmetz                      Raspberry Bars                      Makes 40

- 1/2 cup butter or margarine softened      1/2 teaspoon baking soda
- 1 cup packed brown sugar                      1 1/2 cups quick-cooking rolled oats
- 1 1/2 cups all-purpose flour                      1 teaspoon lemon juice
- 1/2 teaspoon salt                                      2/3 cup raspberry jam

Cream butter & sugar until fluffy. Stir together flour, salt & soda; stir into creamed mixture. Add oats and 1/4 cup water; mix until crumbly. Firmly pat half of the mixture into greased 13x9x2 baking pan. Stir lemon juice into jam; spread over base. Sprinkle with remaining crumb mixture. Bake 350° for 25 min. Cool; cut into bars.

Cathi Eagan                                      Lemon-Cheese Filled Cake

- 1 pkg. Pillsbury Yellow Cake Mix
- 1 cup apricot nectar or water
- 1/4 cup butter or margarine softened
- 3 eggs

FILLING

- 2 8-oz pkgs cream cheese softened
- 1/2 cup sugar
- 2 tablespoons lemon juice
- 1 cup flaked coconut

GLAZE

- 1 cup powdered sugar
- 1 tablespoon lemon juice
- 1 tablespoon butter or margarine softened
- 1 to 2 teaspoon apricot nectar or milk

Preheat oven to 350° (325° for colored fluted tube pan). Using solid shortening or margarine (not oil), grease and flour 12-cup fluted tube pan (non-stick finish pan, too). In large bowl, blend first 4 ingredients; beat 2 minutes at highest speed. Pour into prepared pan. In same bowl, blend all filling ingredients; beat until smooth. Spoon filling over batter in pan without touching sides of pan. Bake 60 to 70 minutes or until toothpick inserted in center comes out clean. Cool upright in pan 45 minutes. Turn onto serving plate. Cool completely.

In small bowl combine glaze ingredients, mix until smooth. Spoon over cake. Refrigerate.

Dr. Mohssen Ghalichebaf

BAKLAVA

- 2 lbs. thin fillo (strudel dough)
- 1 lb. sweet butter (unsalted) melted
- 1 lb. walnuts or blanched almonds, chopped
- 1/2 cup sugar
- 1 teaspoon cinnamon
- 1/2 teaspoon cardamon
- 1/8 teaspoon ground cloves

Bring to boil and simmer for 10 minutes sugar. Allow to cool.

For Baklava combine chopped walnuts, sugar, cinnamon, cardamon and cloves. Brush baking tray (12" x 17") with melted butter. Place 8 fillo leaves at bottom, brushing each leaf with melted butter. Spread half of walnut mixture on top of strudel leaves and repeat process. Place rest of strudel leaves on top and brush with remaining melted butter. With pointed sharp knife score top sheets in diamond or square shapes in sizes you need or desire.

Bake in moderate oven 250° preheated for 2 hours until golden brown. Let cool and pour warm syrup evenly over Baklava. Serve when cool.

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