

NEWSLETTER

INDIANA UNIVERSITY SCHOOL OF DENTISTRY

Vol. 3, No. 4
September-October 1988

We'll never know how many days, weeks and months **Dr. Chris H. Miller**, chairman of oral microbiology, devoted to the preparation of teaching conferences since he assumed the role as head of the IUSD Teaching Committee five years ago. We **do** know that the five annual and two spring (interim) conferences produced by the Committee during Dr. Miller's leadership were outstanding programs that gave faculty members an opportunity each fall to reassess their performance and continue the search for effective new methods of communicating with students of dentistry. During the 24th annual conference, held September 15-16 at McCormick's Creek State Park, near Spencer, Dr. Miller passed the reins (well, more accurately, a T-shirt with "Chief Indiana Teach" emblazoned on the front) to **Dr. David K. Hennon**, professor of pediatric dentistry and new Teaching Committee chairman. Then, as usual, conference participants (about 100 this year) rolled up their sleeves and headed off to the workshops, where the task for 1988 was to begin identifying specific educational outcomes and determining concrete ways of measuring those outcomes. This theme represents objectives that all dental schools must meet before their upcoming accreditation site visits by the American Dental Association Commission on Accreditation.

Keynote speaker this year was **Dr. James F. Craig**, chairman of educational and instructional resources at the University of Maryland Dental School, who spoke on the role of information technology in the measurement of human performance. Addressing the banquet participants Thursday evening was **Mr. Curtis R. Simic**, new president of the IU Foundation. A special highlight of the banquet was the presentation by **Dr. Lester E. Tweedle**, representing the IUSD Alumni Association, of two distinguished faculty awards: Dr. Miller was recognized for his efforts in research and **Dr. Francis E. McCormick**, professor of pediatric dentistry, for teaching.



Dr. Chris Miller (left) and Dr. Francis McCormick received distinguished faculty awards from the IUSD Alumni Association.

E X C E L L E N C E I N D E N T A L E D U C A T I O N

Hoosiers Host National Meeting for Dental Students



**ADA Officer
Arthur Dugoni**

More than a dozen speakers addressed the group during the session, including Dean Gilmore, **Dr. Arthur Dugoni**, San Francisco, American Dental Association president-elect at that time; and **Dr. Enid Neidle**, Chicago, ADA assistant executive director, division of scientific affairs. IU faculty members on the scientific program included **Dr. Michael Cochran**, chairman of operative dentistry; **Dr. Chris Miller**, chairman of oral microbiology; and **Dr. George Willis**, associate professor of operative dentistry.

Fourth-year student **Gary Martinez** is Indiana's other ASDA delegate, and second-year student **Steven Salkeld** is an alternate delegate. Fourth-year student **Roschelle Major-Banks** serves as the national organization's consultant on minority affairs.

Although the dental school did not host the meeting, a large number of ASDA delegates turned out on campus on Friday afternoon to tour IU's facilities.

With "Meeting the Challenges" as its theme, the 18th annual session of the American Student Dental Association brought delegates from across the country to Indianapolis, host city for the five-day meeting. Approximately 200 future dentists participated in the intensive program, held downtown at the Hilton Hotel. The meeting covered a wide range of subjects and activities, including a forum on infection control, discussions on effective communication, and business sessions.

A reception welcoming the group was sponsored during the first evening by **Dean H. William Gilmore**. IU third-year student and ASDA delegate **Chris Potee** introduced the students to Indianapolis with his fast-paced, upbeat slide show illustrating the city's well-known places and events.



Familiar faces in the crowd. Three of IU's participants (middle row, from left): Rosanne Garza, Jeff Wolszon and Roschelle Major-Banks



At the reception, from left: Michael Spoon, Marquette University; Kevin Craemer, ASDA executive director; Thomas Maring (Oregon), out-going ASDA president; and Ashoka Subedar, of the Canadian Dental Association

Dental Alumnus Pledges Major Gift To IU Foundation

Dr. Willard H. Damm, a 1941 graduate of the Indiana University School of Dentistry and a general practitioner in Evansville, has pledged a \$40,000 gift to the IU Foundation to be used in the renovation of the dental school's four lecture halls.

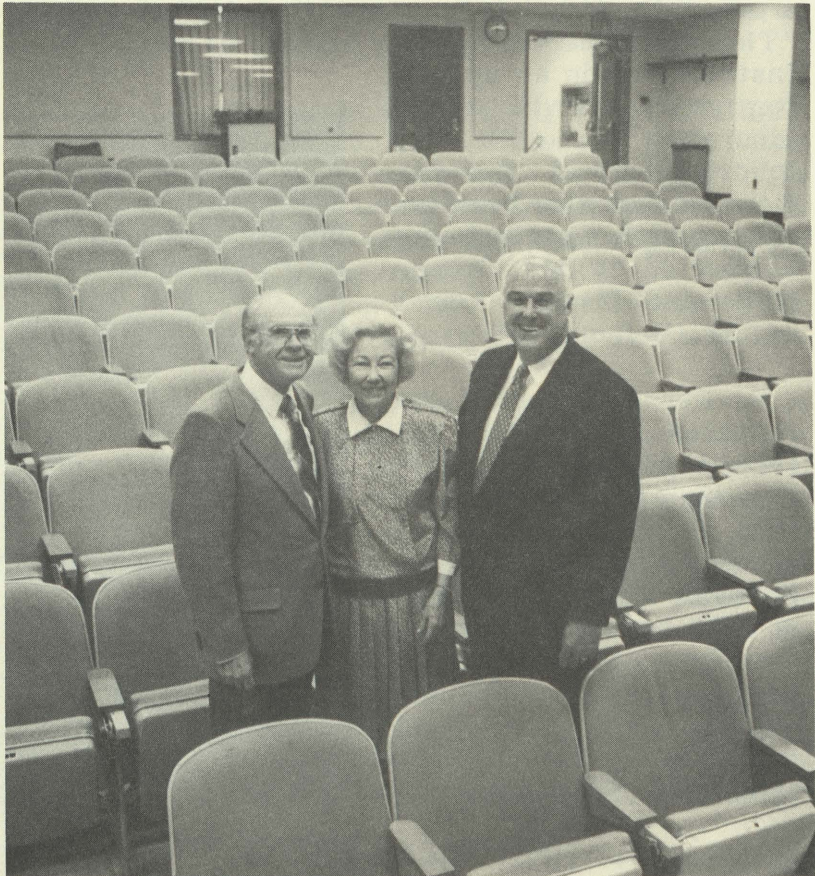
During a visit to the school in September Dr. Damm and his wife, Lillie, toured the facilities with Dean H. William Gilmore and were given a demonstration of the new lighting system recently installed in two of the lecture halls as part of the makeover.

Dr. Damm is helping to support the refurbishing of rooms that did not exist when he was a dental student in the late '30s and early '40s. "I went to school when only the front part of today's building was here," Dr. Damm said during his visit. "We didn't have any big lecture halls then." Two of the rooms undergoing renovation are located in the dental building's first major addition, which was dedicated in 1962; the other two rooms are in the building's second addition, which was completed 10 years later.

Dr. Damm has maintained a dental practice in Evansville for more than 40 years. He is a former president of the Indiana University School of Dentistry Alumni Association.

"Dr. and Mrs. Damm are longtime supporters of the dental school," Dean Gilmore said recently. "Their generous gift will aid us in turning the lecture halls into state-of-the-art facilities that provide an optimum environment for learning. We are delighted by the Damms' participation and hope that they can return for another visit after all of the work is completed."

"We have made our gift to the school because we appreciate what we have received over the years," Dr. Damm said. "And it's nice to think that some of the changes being made in the lecture halls may have a bearing on the quality of education received by Indiana's dental students."



Dr. Damm (left) and his wife, Lillie, visit with Dean Gilmore in Room S117, one of the four lecture halls currently undergoing a refurbishing.

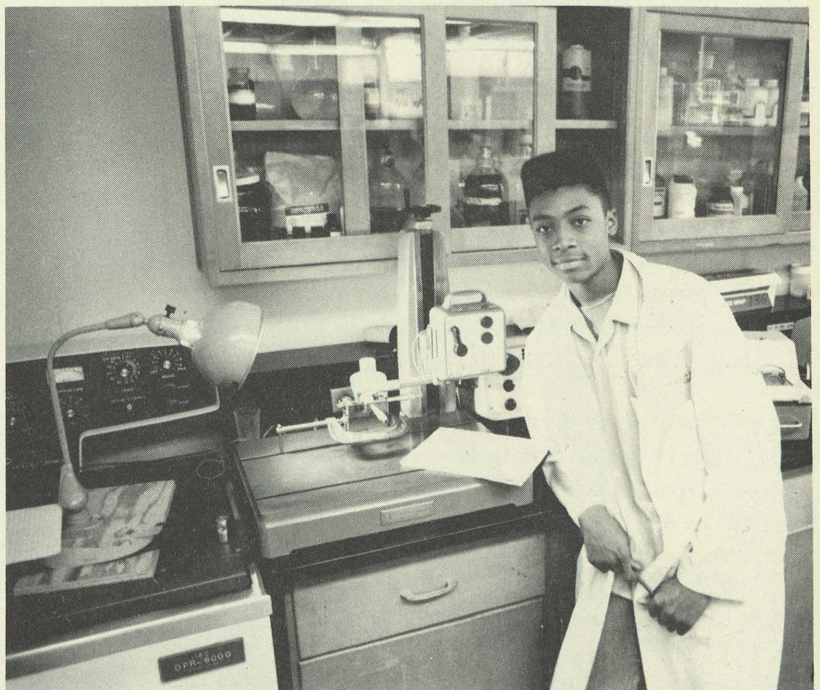
NIH Grants Bring Young Researchers to IU

Measuring, metering, testing, tracing. And that's just some of what Indiana teenagers Bernard Miller, Karen Rice and Yaina Williams were up to last summer at the Indiana University Oral Health Research Institute. As recipients of research awards granted by the National Institutes of Health, Bernard, Karen and Yaina spent June and July getting acquainted with the field of dentistry and investigating a number of dentally related topics under the supervision of Indiana University faculty members and researchers. The grants were targeted at minority students who are juniors or seniors in high school or recent graduates with an interest in exploring dentistry as a career, according to Dr. LaForrest D. Garner, IU School of Dentistry associate dean for minority student services.

On the day of our visit, **Bernard V. Miller, III** (who is now a senior at Arsenal Technical High School in Indianapolis) was busy tracing surfaces of teeth to see if changes had occurred after treatment with a color modification system to reduce intrinsic stains. The testing machine--a profilometer--was on the blink, but Bernard was taking the momentary setback in stride. "As any researcher knows," he said, "you have to deal with these kinds of problems as they come."

"Bernard has been helping to get the bugs worked out of the profilometer, which was in storage for a number of years," said Mr. Bruce R. Schemehorn, a research associate in preventive dentistry and one of Bernard's supervisors. "The profilometer will be instrumental in an upcoming study that IU is collaborating on with five laboratories in Europe. Bernard has also been assisting with a study being conducted by Drs. George Willis and Timothy Adams of the IU faculty."

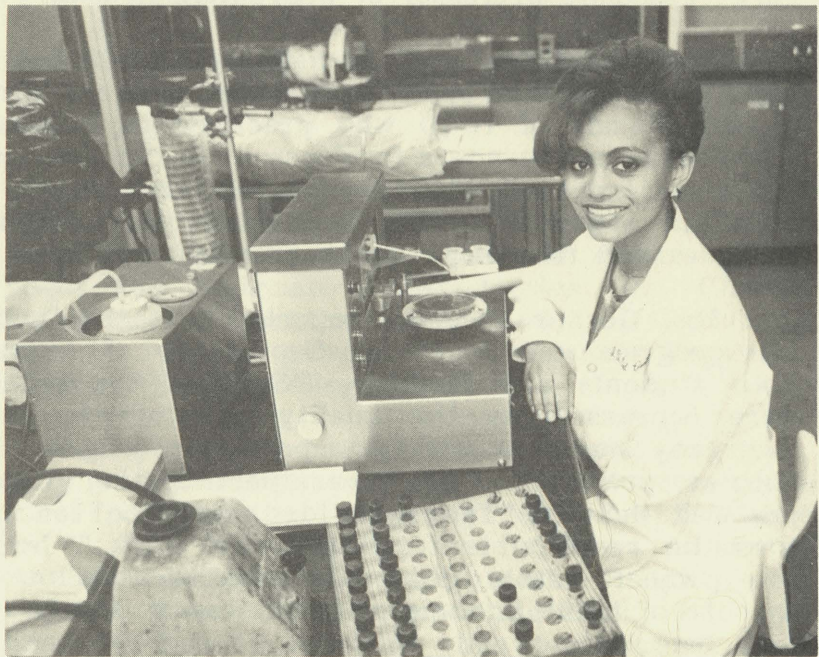
Bernard found the research position an interesting challenge. "I like trying to solve problems and feeling that I've accomplished something," he said. In the summer of 1987 he participated in another NIH-sponsored program at the Indianapolis Center for Advanced Research, studying the effect of ultrasound on



Bernard helped IU faculty members with a study on enamel color modification.

gallstones in vitro. In past summers he has been involved in projects sponsored by the Minority Engineering Advancement Program.

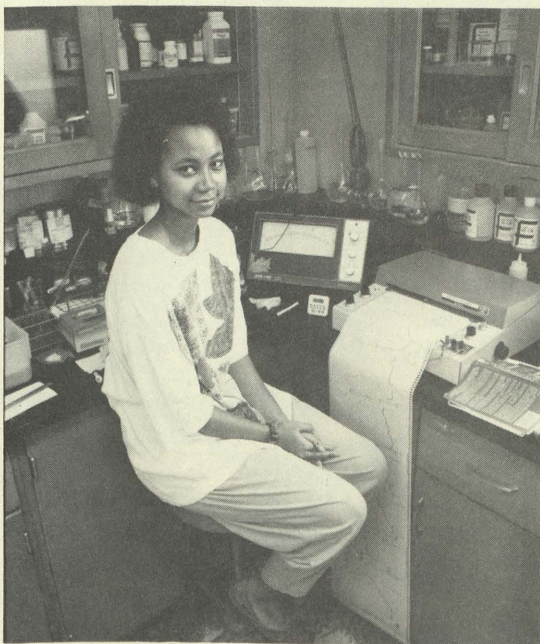
In addition to maintaining a busy schedule at the Oral Health Research Institute, Bernard entered his high school science fair exhibit in the Afro-Academic Cultural Technological and Scientific Olympics, sponsored by the NAACP and held in Washington, DC in July. His project on alpha-amylases (enzymes found in saliva and produced in the pancreas) earned Bernard second place in the biology division of the national competition. With another year to go in high school Bernard is currently looking into college studies at Brown, Northwestern, and Washington universities. He plans to pursue a program in medicine.



Karen used a spiral plater to search for microorganisms in the dental office.

In another laboratory at the Institute **Karen E. Rice**, a 1988 graduate of Emerson School for Visual and Performing Arts in Gary, was using her time in the research program to search for microorganisms in the dental operator. With the help of a spiral plater, she tested several sites for cross contamination in the dental office.

"I've had such a good experience here," she said. "I'm responsible for everything I do and I get to do research on my own." The hunt for microorganisms was an eye opener for the teenager. "I'm washing my hands even more than before," she said with a laugh. Karen's activities were supervised by Charles J. Palenik, associate professor of oral microbiology, and Dr. Chris H. Miller, professor and chairman of oral microbiology. She entered DePauw University as a biology major this fall, with plans to become an orthodontist.



Yaina used a pH meter to determine acidity content of saliva.

In yet another OHRI lab the third young researcher, **Yaina Williams**, of

Indianapolis, was found hard at work using a pH meter to determine acidity content of saliva after milk products (such as Parmesan cheese and ice cream) are added to it. Her work was supervised by Dr. Kichuel K. Park, associate professor of preventive dentistry.

A 1988 graduate of Ben Davis High School, Yaina grew up with close ties to the dental profession--her mother, Dr. Bernice W. Williams, is a 1981 alumna of IUSD who practices in Indianapolis. Yaina wants to be a physician and is now a freshman at Butler University. Like her counterparts, Yaina was pleased with the program and highly recommends the experience to other students. "I'm here every day, eight hours a day," she said. "I've learned to manage my time, which will help in college."

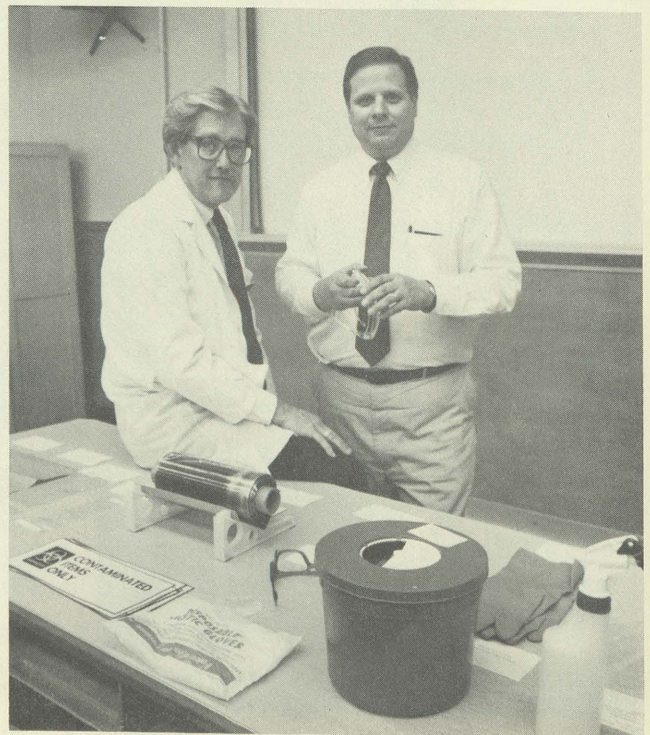
Dr. Garner recently reported that the feedback he has received since the program ended in the first week of August has been positive, from both students and faculty. "Some of the faculty have told me that they were impressed by the quality of students participating," he said, "and that they would be willing to be involved again. It's been a very successful summer project." He gives participating faculty members credit for a job well done. "They provided direction for the students, but also made them be responsible for their own work," he said. "Their approach to the project was a good one because it allowed the students to develop a sense of pride in their contributions to the program."

IUSD Takes New Steps Toward Infection Control

The dental school's Infection Control-Hazardous Materials Committee, under the leadership of Professor Charles J. Palenik and Dr. Chris H. Miller of the oral microbiology department, is well on its way to completing the task of informing faculty, students and staff of new government laws and policies concerning infection control and hazardous waste removal.

At the beginning of the school year Professor Palenik and Dr. Miller presented their three-hour program six times in order to reach all faculty and staff members. The presentation included information on AIDS, infection control, hazardous materials and related guidelines of the Occupational Safety and Health Administration. They are presenting the information to students during regular class periods.

"It is also the responsibility of the Committee to initiate new procedures for the disposal of hazardous waste at the dental school and to monitor these methods so that we are assured of protection for ourselves and for our patients," Dean Gilmore says. "Unit representatives identified in each department and office area will receive additional training and will be responsible for sharing the information with their respective departments."



Dr. Miller (left) and Prof. Palenik with infection control paraphernalia discussed during program

**Matsumoto/Indiana
Dental Schools
Strengthen Bonds
With Recent Visits**

The Agreement of Friendship undertaken in 1985 by Matsumoto Dental College, Shiojiri, Japan, and Indiana University School of Dentistry, began a tradition that grows richer every year.

Further developments in the relationship include a recent whirlwind trip to Japan, at the invitation of Matsumoto Dental College, for three IU faculty members. Dr. H. William **Gilmore**, dean of the IU dental school, Dr. Carl W. **Newton**, professor and chairman of endodontics, Dr. Charles J. **Goodacre**, professor and chairman of prosthodontics, and Dr. Goodacre's wife, Ruthie, spent five days in July as guests of Dr. Yasushi **Yagasaki**, founder and president of Matsumoto Dental College.

During their visit the IU faculty members participated in several programs. Addressing Matsumoto's faculty and students on July 8, Dr. Newton spoke on the "Status of Endodontics from Indiana University" and Dr. Goodacre discussed "Gingival Esthetics." The following day Dean Gilmore presented a comprehensive review of the demographics of dental practice in the United States at a conference for alumni associations representing each of Japan's 27 dental schools. All three IU faculty members then participated on a question-and-answer panel.

During a visit to Tokyo the IU faculty members and Mrs. Goodacre toured Tokyo Medical and Dental University, hosted by Dr. Takao **Fusayama**, professor emeritus of Tokyo Medical and Dental University who was a Fulbright scholar at IUSD in the 1950s. In the capital of Japan they had an opportunity to visit with several of Indiana University's former students and visiting scientists. A reception at Nihon University School of Dentistry followed. A final day of sightseeing was hosted by Dr. Makoto **Nakao**, president of GC International.

"It was a great experience to be able to expand our relationship with our many friends and colleagues at Matsumoto Dental College," says Dean Gilmore, who made his first trip to IU's sister school in 1986. "Matsumoto is an outstanding resource for further collaboration with our faculty."

Dr. Newton, who was visiting Japan for the first time, described the journey as a "once in a lifetime opportunity. For me, the trip was most valuable in terms of personal growth." Of his Japanese hosts (who greatly impressed all of the Hoosier visitors), Dr. Newton says, "I've learned a whole new meaning to the word 'hospitality!'" Dr. Goodacre adds, "We were given an excellent opportunity to observe Japan's dental education programs."

The ties between IUSD and Matsumoto remain close on this side of the Pacific as well. Dr. Tetsuya **Takamata**, a faculty member at Matsumoto, was recently recognized for completing a special year-long program as a research scholar in the Department of Prosthodontics at IU.

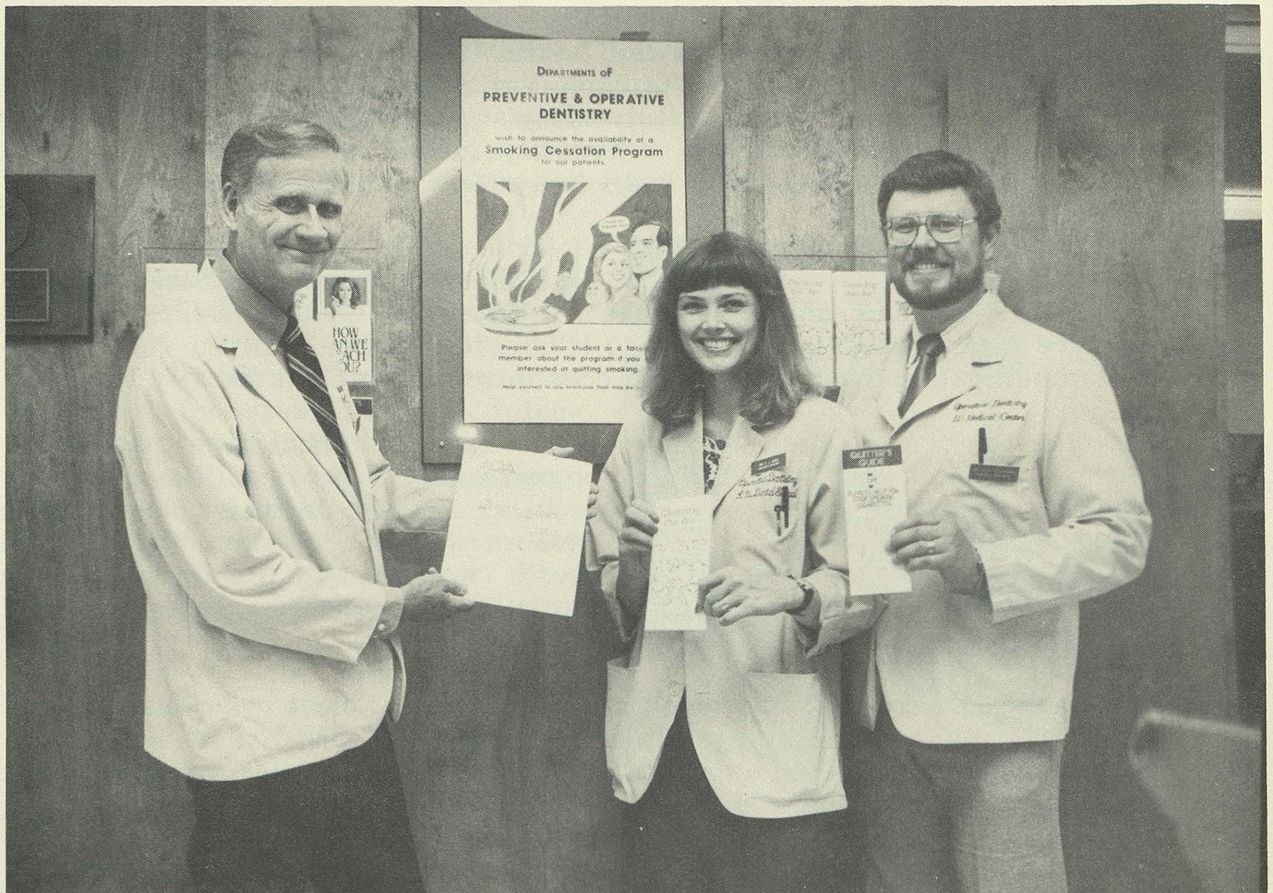
Several members of the IU faculty recently enjoyed a visit from Dr. Hiroshi **Kasahara**, Matsumoto's chairman of the Department of Dentistry for the Handicapped. Dr. Kasahara's one-day visit to Indiana in August included tours of the Riley Dental Clinic, the IUSD Special Care Clinic, and the Oral and Maxillofacial Surgery Department.

Helping Smokers Quit: A Combined Effort At IU Dental School

"I can't keep the containers filled," says Dr. Christianne **Guba**, assistant professor of preventive dentistry. She seems to be delighted by her problem.

Dr. Guba is referring to the new wall-mounted bins in the operative dentistry clinic that contain attractive brochures and booklets with upbeat messages on how to quit smoking. They are part of a trial program offered in tandem by the IUSD Departments of Operative Dentistry and Preventive Dentistry. The goals are to help dental patients stop smoking and to teach students how to incorporate a stop-smoking program into their routine as dentists.

Dr. Guba recognized the need for such a program at the dental school when she was teaching full-time in operative dentistry last year. "Patients kept asking for information about stop-smoking programs," she says. Dr. Guba is certified as an American Cancer Society facilitator for its FreshStart program and teaches stop-smoking classes at Winona Hospital. She wrote a teaching manual for the dental school's trial program in hopes of being able to inform students about smoking cessation and offer a valuable service to dental patients as well. Entitled the "Clinical Smoking Cessation Program for IUSD Patients," the manual got the nod of approval from Dr. Arden G. **Christen**, professor and chairman of preventive dentistry; Dr. Melvin R.



Standing firmly behind the dental school's new effort to help patients quit smoking--and proudly in front of the free educational brochures on display in the Department of Operative Dentistry, are (from left): Drs. Arden Christen, Chris Guba, and Michael Cochran.

Lund, professor and chairman of operative dentistry at that time; and Dr. Michael A. **Cochran**, professor and clinical chairman of operative dentistry at that time. Dr. Lund has been active in smoking cessation programs in the community for many years. (He recently stepped down from the chairmanship and Dr. Cochran was appointed new chairman of the department.)

The operative dentistry clinic was targeted as the site for the program. Faculty members have now received the training needed to work one-on-one with the students.

"We are looking for the 'teachable moment' during regular clinic appointments," says Dr. Christen, a former smoker who quit 20 years ago and has gained a national reputation for his involvement in smoking cessation programs. The idea is to train the dental students so that they have the information needed to help a patient with an interest in quitting smoking. The student is then ready to introduce the subject when and if an opportune moment arises during a dental appointment.

"We prefer to try this instead of adding a new course to an already crowded curriculum," says Dr. Christen. "Right now we are trying to see how feasible it is to work with the faculty, students and patients with a low-key approach that

does not interrupt the clinical appointment. By presenting a hands-on preventive program within the regular schedule, we are teaching the students to provide patient education on this subject in a manner identical to the one they will be using when they go into practice."

Seven brochures are currently on display and available to anyone passing through the busiest "intersection" in the School of Dentistry: the main entrance to the Department of Operative Dentistry. The brochures, which are supplied free of charge by the American Cancer Society, American Lung Association, Indiana State Board of Health, and the U.S. Department of Health and Human Services, are arranged around an eye-catching poster created by IUSD artist Dr. Rolando A. **DeCastro**.

Since her reappointment in the Department of Preventive Dentistry, Dr. Guba continues to teach a half day each week in the operative dentistry clinic. She is optimistic about the smoking cessation program's future. "Patients are glad to have materials and information available," she says, "and even some of the students who smoke have shown an interest in following the program themselves!"

"The Clinical Smoking Cessation Program is a great example of interdepartmental cooperation at the dental school," Dr. Christen says.

Dr. Kasle Directs 18th Annual Workshop

The annual Comprehensive Radiology Workshop for Dental Auxiliaries, an IUSD continuing education course now in its 18th year, attracted participants from around the state to the dental school in July. Dr. Myron J. Kasle, Howard Riley Raper professor of radiology and chairman of the radiology division of dental diagnostic sciences, organized the first workshop in the summer of 1970. "Over the years I've been assisted in the program by a very able cadre of radiology faculty and staff," he said recently.

The workshop has given many participants the background needed to prepare them for radiology certification through the Indiana State Board of Health. A one-day radiology lecture and demonstration course for auxiliaries

was held at the dental school on October 12. This course is now being offered more than once a year. Information on the next available one-day program (May 24, 1989) and the next workshop (July 17-20, 1989) is available in the Continuing Education Office.

Johnston Society Meets in Indy

It was a meeting that would have made Dr. Johnston very proud. Members of the John F. Johnston Society traveling from cities throughout the world to attend a continuing education course at Indiana University packed a lot of action into their visit last July. In addition to participating in a comprehensive program that included more than 20 scientific presentations, they helped pull off a surprise party honoring **Dr. Roland W. Dykema** upon his retirement from the dental school after a career in prosthodontics spanning four decades.

The Society is composed of IU graduates of the program in fixed and removable partial prosthodontics. It is named for the late Dr. John F. Johnston, a 1921 graduate of the Indiana Dental College who was a prosthodontist of international prominence and a longtime member of the dental faculty at IU.

More than 100 friends and associates of Dr. Dykema attended the surprise dinner, held at the Skyline Club, downtown Indianapolis, on July 17. Gifts included a cherry-wood game table hand-crafted by Dr. Charles Goodacre and a cherry-wood chair with an IU seal on the back made by Dr. Carl Andres.

Several members of the Johnston Society and the IU faculty presented the three-day program. Lectures covered such topics as tissue-integrated prostheses, osteo-integrated implants, bone physiology of endosseous implants, and posterior hybrid composite inlays.

Direct Gold Course Includes Practitioners

A continuing education course on direct filling gold technique originally designed for dental educators was expanded to include practitioners this year, according to Dr. Ronald K. Harris, associate professor of operative dentistry and course coordinator.

For the fourth consecutive year the American Academy of Gold Foil Operators and Academy of Operative Dentistry co-sponsored the course, held June 14-17 at the Indiana University School of Dentistry. This year, as in 1987, there was an advanced section offered in addition to a basic course. Participants included faculty and practitioners from around the country and from as far away as Italy.

Both courses included a didactic portion as well as some laboratory exercises, with emphasis on clinical experience. The advanced section was directed by Dr. Melvin R. Lund, professor of operative dentistry at IU, and Dr. Jose Medina, professor of operative dentistry at the University

of Florida. Members of that group were assigned five patients, primarily Class II's and III's. Presenting basics were Dr. Ronald K. Harris, Michael A. Cochran, and Timothy J. Carlson, all IU operative dentistry faculty members. Participants enrolled in basics treated three patients (Class I's and V's).

"We intend to offer the course annually, as long as interest continues," Dr. Harris said recently. Course size is limited to 12 (four in advanced, eight in basics). Anyone wishing more information on future course offerings should contact Dr. Harris at the dental school.

**IU Faculty Member
Leads the Way for
15,000 Members of ADAA**

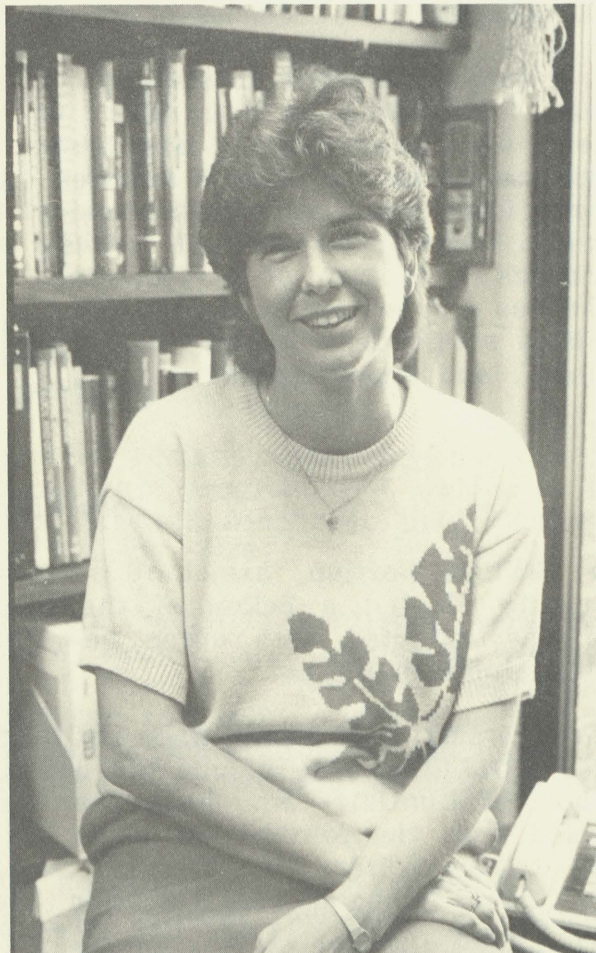
Rosemary Monehen, assistant professor of dental auxiliary education and supervisor of dental assisting on the Fort Wayne campus of Indiana University-Purdue University, was installed as president of the American Dental Assistants Association during the ADAA annual meeting in Washington, D.C. in October.

Long active in organized dentistry, Rosemary is a former president of the Indiana Dental Assistants Association and the Isaac Knapp Dental Assistants Society. As ADAA 6th District Trustee from 1984 to 1987 she represented Michigan, Indiana, and Illinois, the third largest of the organization's 12 districts.

Rosemary graduated from the IU dental assisting program in 1975. She has also earned a bachelor's degree and a master's degree from IU.

From 1975 to 1978 she taught on the South Bend dental assisting faculty full time. For the past 10 years she has supervised the dental assisting program at Fort Wayne. She credits skills gleaned from teaching for helping with her pitch for the presidency. "I like to talk over the issues with small groups, about the size of my dental assisting classes," Rosemary said recently. "I'm not boisterous, but I think that I'm known for taking a logical approach to things and thinking issues through before taking a stand."

Rosemary's first official duty as president was to attend the American Dental Association's annual session, also held in Washington, D.C. in October. During the next year she will participate in major ADAA meetings around the country and visit all 12 districts at least once.



Professor Rosemary Monehen

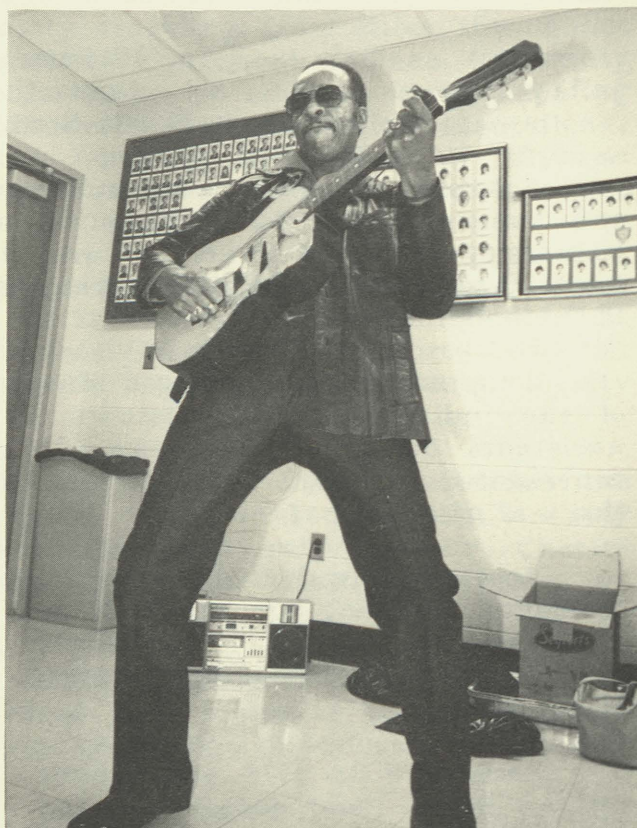
Dog 'N' Duds ('60s-Style), Rock 'N' Roll Provide Good Times for Faculty, Students 'N' Staff

The IUSD Non-Academic Staff Council can chalk up another successful event on the growing list of activities it has sponsored in recent years. Designated faculty and students serving as "Roasters of the Wienies" plucked more than 200 hot dogs from the grill to feed the crowd showing up for the July cookout, held during the lunch hour in the school cafeteria. As head of the Cookout Committee, **Mrs. Jody Burns** of the student office masterminded most of this year's fun.

Raffle prizes included pairs of oversized fuzzy dice (for rear-view mirrors), pink plastic inflatable flamingos, and posters of '60s celebrities. Grand prize--an AM/FM cassette radio--went to second-year student **Valerie Haughtington**.

Vintage rock-and-roll taped for the affair provided the proper beat, and a live musical performance by faculty member **Dr. Norris Richmond**, who lip-synced his way through three Elvis Presley tunes, provided some laughs (sorry, Doctor--The King is still **King**).

Many individuals dressed up (or down, depending on your point of view) for the occasion. If a best-costume prize had been awarded, surely the most serious contender would have been **Dr. E. Brady Hancock**, chairman of periodontics, who was resplendent in striped shirt, paisley suspenders, madras Bermuda shorts, and argyle socks.



Dr. Richmond shakes, rattles, and rolls the dental school to new heights during annual cookout.

People in the News

Dr. William Borman, assistant professor of dental diagnostic sciences, was recently elected a Fellow of the American Society for Geriatric Dentistry. He was inducted with other new fellows during a ceremonial luncheon in Philadelphia in August.

The 1989 edition of **WHO'S WHO AMONG STUDENTS IN AMERICAN UNIVERSITIES AND COLLEGES** will include the names of 13 students from Indiana University School of Dentistry who have been selected as outstanding national leaders. Named from the fourth-year class are Mr. Lynn Albrecht, Mr. Peter Blank, Mr. Robert Colter, Mr. Kenneth Dale, Ms. Erin Engleman, Mr. Carl Lerner, Mr. David Renaud, Ms. Brenda Stenftenagel, Mr. Matthew Wittrig, and Mr. Steven Wong. From the third-year class are Mr. R. Todd Bergman, Mr. Gregory Johnson, and Mr. Robert Rooney. Campus nominating committees and editors of the annual directory have included the names of these students based on academic achievement, service to the community, leadership in extracurricular activities and potential for continued success.

Dr. LaForrest D. Garner, associate dean for minority student services, was one of seven individuals lecturing at the Brazilian Craniofacial Anomalies Association's third symposium on cleft lip, cleft palate and craniofacial anomalies, held this year in Sao Paulo, Brazil, September 8-11. Joining Dr. Garner on the program were speakers from Argentina, Mexico, Uruguay, and the United States. The symposium was presented to orthodontists, pediatric dentists, speech pathologists, plastic surgeons and social workers. Dr. Garner also participated on a panel discussion concerning maxillo-orthopedics and primer bone grafting.

Several IUSD faculty members have received new responsibilities and new titles. They include (new titles appear in bold face) Dr. Lawrence I. Goldblatt, **associate dean for graduate and postgraduate education** and professor of oral pathology; Ms. Marjorie L. Swartz, **chairman** and professor of dental materials; Dr. Michael A. Cochran, **chairman** and professor of operative dentistry; Dr. Donald R. Tharp, chairman and professor of dental practice administration and **director of extramural programs**; Ms. Sara Hook-Shelton, **associate librarian** and head librarian of the School of Dentistry; Dr. Sudha S. Saksena, **associate scientist** in oral facial genetics; Dr. Kenneth K. Kaneshiro, associate professor of periodontics and **director of undergraduate periodontics**; and Dr. Carl J. Andres, associate professor of prosthodontics and **director of graduate prosthodontics**.

For the second consecutive year **Dr. Ralph W. Phillips**, a research professor of dental materials, has been listed among the 20 most popular lecturers in the United States, according to a survey by Dentist Magazine. He ranks sixth for his presentations on dental materials. Dr. Phillips was also recently reappointed as a consultant to the Dental Device Panel of the Food and Drug Administration.

Dr. Rosario H. Potter, professor of oral facial genetics and director of dental biometry and research computing, was one of nine individuals recruited nationwide to participate in a workshop on data analysis and oral health promotion research, sponsored by the National Institute of Dental Research (NIDR).

'Hail & Farewell' To Residents Of Pediatric Dentistry

Faculty and staff of the department of pediatric dentistry bid farewell to four residents finishing the postgraduate program and welcomed two new residents during the annual Hail & Farewell luncheon, held this year in the Union Building's Hoosier Room on June 30, 1988.

The 1988 recipients of certificates in pediatric dentistry were Drs. Michael A. Buccino, Laura Graham, John W. Mosher, and Gregory J. Westman. Dr. Buccino also received the Master of Science in Dentistry degree and was named the **Ralph E. McDonald Scholar** for 1988. Welcomed into the two-year program were Dr. Julie H. Martinez, a 1988 graduate of the University of Texas (Houston Branch), and Dr. Ana H. Vasquez, a 1988 graduate of the University of Puerto Rico.

Drs. Buccino, Mosher, and Westman have plans to enter private practice. Dr. Graham has been awarded a one-year clinical fellowship in pediatric dentistry by the United Cerebral Palsy Research and Educational Foundation, and has also been appointed as assistant professor of pediatric dentistry at IU.

The luncheon program also included a farewell to another important member of the pediatric dentistry team: **Dr. Joseph G. Benham**, assistant professor of pediatric dentistry who served on the part-time faculty for 15 years. Known affectionately among faculty and staff as "Dr. Tuesday" because of his appointed teaching day in the Riley Hospital Dental Clinic, Dr. Benham is a 1965 graduate of the IU pediatric dentistry certificate program. The department honored Dr. Benham with a retirement dinner at Valle Vista Golf & Athletic Club, Greenwood, prior to the luncheon. He has also retired from his private practice in Franklin.

New Full-Time Faculty Appointments Announced by Dean

Dean H. William Gilmore is pleased to introduce Indiana University's new chairman of orthodontics, **W. Eugene Roberts, DDS, PhD**, as well as eight other full-time faculty members who have joined the School for the 1988-89 academic year.

Dr. Roberts comes to IU from the University of the Pacific School of Dentistry in San Francisco, where he was a longtime professor of orthodontics and anatomy, and director of the Pacific Bone Research Laboratory. During his tenure at the University of the Pacific Dr. Roberts was the recipient of more than a million dollars in research support from National Institutes of Health, National Aeronautics and Space Administration (NASA), and private sources. Areas of special interest to Dr. Roberts include cell kinetics of bone cell differentiation, skeletal adaptation to applied loads, biomechanics, space biology, implantology and orthognathic surgery. As a senior research associate at NASA-Ames Research Center, Dr. Roberts has participated in numerous space and gravitational biology studies.

Dr. Roberts earned a DDS degree from Creighton University, Omaha, Nebraska, in 1967 and a PhD degree in anatomy from the University of Utah in 1969. In 1974 he completed a certificate program in orthodontics at the University of Connecticut. He maintained a private dental practice as a member of the UOP's faculty dental service group for 14 years. He is a Diplomate of the American Board of Orthodontics.

Also new to the faculty are:

Lawrence P. Garetto, PhD, assistant professor of orthodontics and director of the IUSD bone research laboratory. Prior to his appointment at Indiana University Dr. Garetto was a postdoctoral fellow for four years in the Department of Biological Chemistry at the University of California, Davis. Before that Dr. Garetto was associated for eight years with Boston University, Boston, Massachusetts, as a researcher and graduate student. He earned an MS degree in applied physiology in 1979, and a PhD in physiology in 1984. He was a postdoctoral fellow in the Division of Diabetes and Metabolism from 1983 to 1984.

As director of the IU School of Dentistry's newly established bone research laboratory, Dr. Garetto is currently pursuing research on various aspects of bone physiology.

Steven P. Haug, DDS, assistant professor of prosthodontics. Dr. Haug completed a one-year fellowship in maxillofacial prosthetics at the University of Missouri-Kansas City immediately prior to his appointment here. After graduating with honors from State University of New York at Stony Brook in 1984, Dr. Haug completed a general practice residency at University Hospital, Stony Brook, in 1985, and a combined prosthodontic residency at the Medical College of Georgia, Augusta, in 1987.

William F. Hohlt, DDS, assistant professor of orthodontics and director of the undergraduate orthodontic program. Dr. Hohlt joins the full-time

faculty after serving as a part-time teacher in the department of orthodontics for 12 years. He is a 1958 graduate of the IU dental school who also earned a graduate certificate in orthodontics here in 1969. Dr. Hohlt has practiced orthodontics in Indianapolis since 1973.

Louise M. Judd, MS, clinical assistant professor of dental hygiene. Professor Judd received a certificate in dental hygiene from the University of Michigan, Ann Arbor, in 1958; a Bachelor of Arts degree from Marshall University, Huntington, West Virginia, in 1976; and a master's degree in health planning and administration from the University of Cincinnati in 1981. She has practiced dental hygiene in Michigan, Colorado, North Carolina and West Virginia.

She was assistant professor of dental hygiene at Ashland Community College in Kentucky from 1975 to 1978, and a public health dental hygienist in the Cabell Huntington Health Department in West Virginia from 1979 to 1980. She has served as a dental health consultant for a wide range of organizations. Her activities in community services have included most recently an appointment as coordinator of Adolescent Services Networking Project for the Pretera Mental Health Center in Huntington.

Robert L. Lockhart, DDS, MS, assistant professor of periodontics. Dr. Lockhart was a longtime faculty member in the department of periodontics at the University of Missouri-Kansas City School of Dentistry. He graduated from the Indiana University dental school in 1968 and completed requirements for a master of science degree in periodontics at the University of Missouri-Kansas City in 1975. He maintained a full-time private practice in periodontics from 1975 to 1986 in Overland Park, Kansas.

In addition to teaching Dr. Lockhart served in recent years as a dental practice management consultant and as a publisher of periodontal and patient newsletters in Overland Park.

Dale A. Miles, DDS, MS, associate

professor of dental diagnostic sciences.

Dr. Miles was on the Faculty of Dentistry of Dalhousie University in Nova Scotia, Canada, from 1983 to 1986, and served as head of the division of oral diagnosis and oral radiology for one year. He was an assistant professor-in-residence in the department of oral diagnosis at the University of Connecticut Health Center in Farmington prior to his appointment here. Dr. Miles holds a dental degree (1974) from the University of Western Ontario, and a master's degree in dental diagnostic science from the University of Texas Dental School at San Antonio (1984). He was a private dental practitioner in Ontario for 6 years prior to entering dental education.

At Indiana University Dr. Miles has been named director of the graduate program in dental diagnostic sciences.

Assad F. Mora, DDS, MSD, associate professor of prosthodontics. Dr. Mora has returned to the Indiana University faculty after teaching and practicing in San Francisco since 1980. Dr. Mora is a 1977 graduate of the IU master's program in prosthodontics. He also earned a DDS degree from IU in 1979 and was a part-time instructor here in the late '70s. After moving to San Francisco Dr. Mora accepted a full-time teaching position on the faculty of the University of California; in 1983 he became a part-time faculty member and full-time practitioner. He received certification from the American Board of Prosthodontics in 1984. In addition to teaching at the University of California, Dr. Mora was appointed clinical associate professor of fixed prosthodontics at the University of the Pacific in 1987.

Dr. Mora's major area of responsibility at IU is to develop a temporomandibular and facial pain clinic and the associated curriculum for the undergraduate and graduate programs.

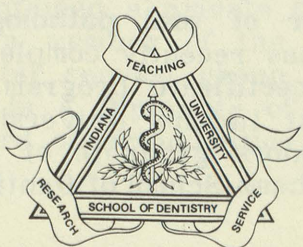
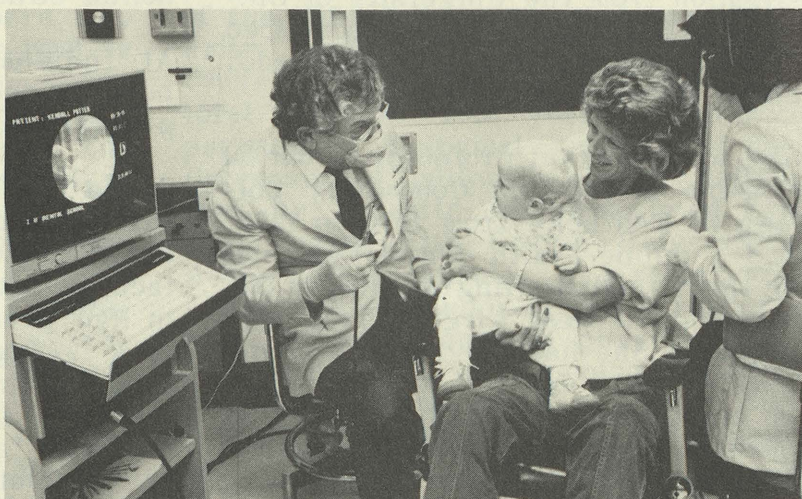
Don-John Summerlin, DMD, visiting assistant professor of oral pathology. Dr. Summerlin has recently completed the three-year certificate program in oral pathology at Indiana University. He is a 1985 honors graduate of the University of Alabama School of Dentistry, Birmingham.

To See...Or Not To See

In a recent lecture to the third year dental students, Dr. James R. Roche, professor of pediatric dentistry and a teacher in Dr. Hala Henderson's pediatric dentistry course, flipped on a new dental instrument and demonstrated a technique that closes the gap between clinical and didactic education. With his 13-month-old granddaughter, Kendall Potter, serving as "patient," Dr. Roche used a compact, hand-held color video camera to show the entire third year class an intraoral view that ordinarily would be seen by only one student at a time in a clinic setting. The self-focusing camera, which is about the size of a mouth mirror and just as easy to handle, processes an image into digital information and then projects that image onto a high resolution monitor. For Dr. Roche's demonstration the baby's intraoral images were also beamed onto the lecture hall's television screens.

The video camera and its related equipment were made available for Dr. Roche's special lecture by Dentsply International, Inc., the system's manufacturer. Designed primarily for patient education and consultation in the dental office, the camera is obviously an impressive teaching tool in the classroom as well. "The unique features of the camera enabled me to show details of the teeth and oral structures to a large number of students in a lecture hall setting," Dr. Roche said. The system is capable of storing recordings on VCR tape and can produce video image recordings on Polaroid prints. Patient data can also be keyed in, displayed and stored with each image.

In the top photo, Dr. Roche points the camera at his granddaughter as the demonstration gets under way (her face is reflected in the monitor). Kendall is held by her mother, Ann, which is typical form for dentistry for infants. Prof. Jeri Francis assists. Below, the image of Kendall's central incisors is shown on the monitor.



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