INSIDE E PASSAGES

Indiana University School of Dentistry Newsletter

Volume 5, Number 2, 1990





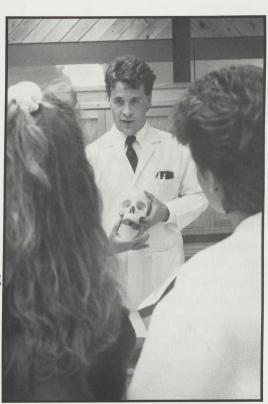


Table Talk.

IUSD students vie
for trip to Boston and
other awards during
Table Clinic Day '90.
Story on page 2.



A few of the clinic presenters (clockwise from upper right): fourthyear dental student Joseph Meek; second-year dental hygiene student Karen Hedge; and dental assisting students Jenaye Krepshaw, Amy Knoebel, and Susan Chapel. (Photos by Mike Halloran)

COVER STORY

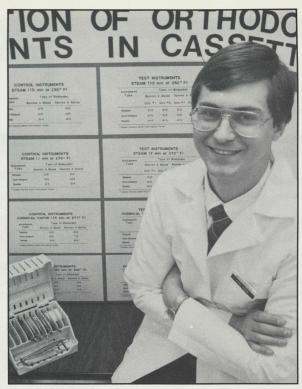
John Neeb Bound for Boston

John M. Neeb gets the nod from the judges for his clinic, "Sterilization of Orthodontic Instruments in Cassettes."

Granted, it's still a bit early to start packing; but first-year dental student John Neeb is nonetheless looking ahead to October, when he will cart his prize-winning table clinic to Boston, Massachusetts to enter it into the American Dental Association/Dentsply International Student Clinician competition, to be held at the ADA's 131st annual session.

John won the local Dentsply competition during the School of Dentistry's annual Table Clinic Day on March 19. The clinic he prepared, which pertains to the use of cassettes to sterilize orthodontic instruments, is derived from the results of a study he participated in while employed at the Oral Health Research Institute as a research technician.

A three-way tie for the secondplace award included secondyear students Rebecca Beaven (Mutagenic Potential of Toluidine Blue Evaluated in the Ames Test); Michael Behnen (Antimicrobial Activities of Various Glass Ionomers); and Ronald Steinbrunner (Reaction of Rat



Susan Crum

Connective Tissue to Glass Ionomer and Composite Resin Restorations). They will each receive cash awards from the Indiana Section of the American Association for Dental Research.

A total of 62 students presented 27 clinics in four categories this year, according to IUSD Essay/ Table Clinic Committee Chairman Charles Palenik. Winners in the dental assisting, dental hygiene, and dentistry categories will be announced during IUSD's Honors Day program, which precedes IUPUI Commencement exercises on May 13.

Judges this year were: Mr.
Mark Dirlam and Drs. Jack
Schaaf and George Willis
(dental assisting division); Ms.
Katie Williams, Drs. Arden
Christen and James McDonald,
Jr., Professors Gail Williamson
and Nancy Young, and Ms.
Sara Hook-Shelton (dental
hygiene); and Professor
Palenik, Ms. Margie Sheldrake,
and Mr. Charles A. Sadler, Jr.
(Dentsply and dentistry competitions).

Search is on for student researchers

Scholarships are available for minority high school and college students interested in one of two summer programs to be held June 4-August 4 at the Indiana University School of Dentistry, according to Dr. LaForrest D. Garner, associate dean for minority student services.

Both eight-week programs offer participants hands-on research with the IUSD faculty and staff and a firsthand look at career possibilities in dentistry.

High School Summer Research Awards of \$1,500 each are available for minority high school juniors or seniors in the upper half of their class and with an interest in health sciences. Award application includes a letter of recommendation from a science teacher, counselor or principal; high school transcripts, and brief letter from the student describing interest in the program.

Summer Dental Research Program Scholarships for minority college freshmen, sophomores or juniors offer round-trip airfare to and from home to Indianapolis, three credit hours in university research as well as room and board for the eight-week stay. Award application includes letters of recommendation from a science teacher and health careers counselor or dean; college transcripts, and letter from the student describing interest in the program.

Application deadline for both programs is May 15. Applications or inquiries should be sent to: Dr. Garner, Minority Student Services, IU School of Dentistry, 1121 West Michigan Street, Indianapolis, IN 46202, or phone (317) 274-5625.

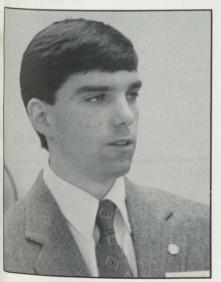
For eligibility, applicants should be of American black, Indian, Hispanic or Eskimo heritage.

Indiana hosts ASDA's Region 7

Students representing six
Midwestern dental schools
spent three days in Indianapolis
this spring talking about pertinent student-related issues as
voting members of the American Student Dental Association.

Region VII's annual meeting was held March 30-April 1 at the IU dental school and coordinated by Region VII Trustee Steven C. Salkeld, a third-year student at IU.

Equally important to the success of the meeting (which offered a wide range of topics



Mike Halloran

"Our main goal was for members to become better acquainted so that Region VII can function as a unit at the national ASDA meeting in New Orleans this September," says Region VII Trustee Steven C. Salkeld.

covering everything from chemical dependency to school closings) was the group's commitment to learn more about one another. "Our main goal was for members to become better acquainted so that Region VII can function as a unit at the national ASDA meeting in New Orleans this September," says Mr. Salkeld. The group held a luncheon at TGI Friday's and a dinner at The Old Spaghetti Factory. Guests stayed at the downtown Hilton hotel.

Participants included 21 voting members from the universities of Minnesota and Illinois; and Loyola, Marquette, Northwestern, and Indiana universities. (Region VII also represents Southern Illinois University.) According to Mr. Salkeld, IU currently has the largest ASDA membership in this region.

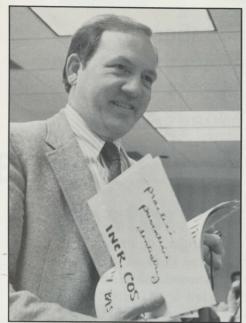
Highlights of the program, which was also attended by IU's class presidents, included a welcome from IUSD Dean H. William Gilmore; a profile of IU by Michael Behnen, lst delegate and second-year student; a review of IU's Children's Dental Health Month Clinic Day by Lis

First delegate Michael Behnen draws a profile of the IU dental school for meeting participants.

Cloys, project chairman and third-year student; a seminar on exotic animal dentistry presented by IU faculty member Dr. George Willis; and dental school overviews on ASDA activities by 1st delegates from each dental school.

Also addressing the group was Charles Sadler, a third-year IU student recently appointed by the ASDA Board of Trustees as the organization's first National Student Coordinator for SELECT, the student recruitment program sponsored by the American Dental Association and the American Association of Dental Schools. Mr. Sadler will oversee activities of more than 60 student SELECT coordinators, including one person from each of ASDA's 10 regions and one from each dental school. ASDA's goal is to create an effective recruitment program at the student level that complements programs established several years ago by dental school faculties and dental practitioners around the country.

Serving as IU's 2nd delegate is first-year student Kurt Martin; Alex Mishel, third year, and Dan Sakel, fourth year, are alternates.



Looking for the answers together—

IUSD faculty sets plans in motion for next accreditation site visit

Workshop facilitator Dr. Robert L. Lockhart





the "ideal" graduates of this dental school.



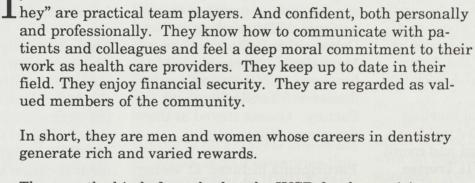
Evelyn R. Oldsen

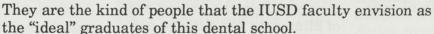


David T. Brown



Mark E. Mallatt







Workshop participants Susan L. Zunt, Carla J. Totten, R. Hunter Rackley, Jr., Sally I. Phillips, Linda M. Nunley, and David R. Avery



Thomas F. Razi



A. George Wagn



Rolando A. DeCa



Louise M. Judo

A list of these personal attributes was arrived at during an intensive seven-hour workshop led by IU faculty member Dr. Robert L. Lockhart at the Radisson Hotel on February 6. Members of the dental school's full-time faculty were asked to do a bit of crystal-ball gazing to best describe *their* ideas of what the successful dental professional should be like in 1995. The meeting represented the beginning of a long, hard trail leading to the American Dental Association's next accreditation site visit to IU (looming up on the 1992 calendar).

The dental faculty and IUSD Planning Committee will soon be placing the entire teaching program under scrutiny in an effort to make adjustments that will facilitate each person's journey from student status to "successful" dental professional. The challenge, of course, is to identify specific desired outcomes of the academic pro-

gram that will lead to the generalized well being of IUSD's graduates as they begin their careers in a profession that shows all signs of remaining in a state of transition in the decade ahead.

Everyone who played a part in February's workshop can appreciate how difficult the task is. They can also understand how critically important it is for faculty members to work together to lay plans for this dental school's future. A capsulated report of workshop activities was recently distributed by the dean's office along with a questionnaire that asks for an appraisal of the workshop content and format. Roughly half of the questionnaires have been returned as of this writing. Dean H. William Gilmore urges every participant to respond to the questionnaire as soon as possible so that the Planning Committee may move forward with the next phase of site visit preparation.

Advising the advisers: Purdue counselors welcomed to IUSD



Mike Halloran

Three predental advisers from the West Lafayette campus of Purdue University were invited for the first time to the IU School of Dentistry on January 25 to discuss with dental students and members of the Student Affairs Office ways in which Purdue students can make a smooth transition from college to dental school at IU. They met first with the Student Affairs Office to talk about predental requirements, admission procedures, and what students should do to prepare for the Dental Admission Test. After a tour of the facilities with Dr. Robert L. Bogan, associate dean for student affairs, nine dental

students who completed predental coursework at Purdue shared their ideas with the counselors on such topics as recommended science courses and majors, and ways to improve upon the application process. Participants above are, from left: Darin Ashcraft, second year; Purdue adviser Diane Martin; Terry Klise, third year; Pete Brown, second year; Julie Gaydos and John Pawlus, first year; Rob Reifeis, third year; Purdue advisers Sue Young and Katy Bunder; and Valerie Haughtington, third year. Not pictured are fourth-year students Gene Margiotti and Jamie Castor.



Conference speaker Dr. James Weigand

Words to live (and work) by

Setting aside the daily routine, IUSD staff members come together to take a good, long look at themselves and how they fit into the dental school picture

Judy Doyle is a typical dental school employee.

Like most of us, she sticks to a rather narrow route to pursue her duties at the dental school. As administrative secretary in the Department of Periodontics, she uses relatively few of the building's many doors and hallways to take care of business.

From Judy's workplace on the fourth-floor balcony, one wonders what her chances are of crossing paths with someone like Mary Ann Schabel, an oral pathology technician whose lab is located in the school's original basement (which isn't connected to the cafeteria part of the basement). Or, for that matter,

how often does Ethel Edwards, supply supervisor in prosthodontics, have reason to look up orthodontics secretary Laurie Chen?

One goal of the IUSD staff conference, held at the University Place Conference Center on February 6, was to remove employees from their departmentalized work environment and bring them together in a casual setting where they could get better acquainted. "The conference gave us an opportunity to get together in ways that we don't usually encounter in our regular routines," says Danny R. Dean, dental school assistant dean who coordinated the conference with Assistant Dean James R. Levens. "Getting all of the staff members together was just as important as the substance of the program."

Judy Doyle agrees. "The program was fun as well as motivational. Each of us introduced ourselves, so I finally got to connect the names I've heard with faces I've seen. It was great to see people from areas in the building where I don't usually go."

The conference, which attracted more than 100 employees, represented the first schoolwide meeting for staff members since the early '80s. Guest speaker was Dr. James E. Weigand, professor of education and dean of continuing studies on the IU-Bloomington campus. Other portions of the program included a video entitled Passion for Excellence, featuring Tom Peters, management consultant and author of In Search of Excellence; another video, Do Right, featuring Lou Holtz, head football coach at the University of Notre Dame; and a Non-Academic Staff Council meeting led by President Jan Leach, dental assistant in periodontics.

"The program was set up to help all of us evaluate the ways in which we communicate with each other and with the school patients," says Mr. Dean.

"The speaker and the videos gave us practical advice that we can use in our work and also a home," says Judy. "By the time I walked out the door at the end of the meeting, I was excited. I hope that we have meetings like this every year."









Photos by Mike Halloran

SOME OF THE FACES IN THE STAFF CONFERENCE CROWD. Top photo: IUSD staff members listen intently to portion of conference program, which was attended by 111 employees. Middle, from left: Prosthodontics receptionist Mary A. Button. Also, Joan M. Duvall, secretary, endodontics; Karen F. Bissonette, dental assistant, endodontics; Barbara D. Rhodes, senior research technologist, dental materials; and Kathryn J. Williams, senior dental research technician, dental materials. Bottom: Rebecca J. Murphy, dental assistant, endodontics; and Lynn Collins, IUSD principal billing clerk, faculty dental practice.

Dr. Bradley B. Beiswanger, associate professor of preventive and community dentistry and associate director of clinical research at the Oral Health Research Institute, recently presented a lecture on dental caries etiology to an oral biology class at the University of Pennsylvania, and addressed the Southern New Jersey Dental Hygienists Association on the topic of chemotherapeutic prevention of plaquerelated diseases. He also spoke to students and faculty at Creighton University, Omaha, Nebraska on fluorides in dental practice, and to the Omaha District Dental Society on recent advances in preventive dentistry.

Dr. Charles E. Smith, part-time associate professor of preventive and community dentistry, has been appointed director of the dental division of the Indiana State Board of Health. He replaces Dr. Victor H. Mercer, who recently retired from the post as well as from his part-time appointment as IU professor of dental hygiene. Dr. Smith had served as ISBH director of dental health services within the dental division since 1969.

Charles J. Palenik, associate professor of oral microbiology, has been named chairman of the newly created IUPUI Laboratory Safety Committee. The committee is composed of 16 faculty and staff members who represent departments and schools having laboratories with chemical, biological,



or physical hazards. The group will establish policies and procedures for a safety program that can be applied consistently in research and teaching laboratories throughout the IUPUI campus, and will offer its recommendations to the IUPUI Environmental Health and Safety Committee. Eye protection and laboratory hygiene are among the top priorities. "We are also revising the laboratory safety manual," says Professor Palenik. "Our goal is to assure a safe laboratory working environment for employees and students on this campus, and to establish policies that comply with governmental regulations."

Dr. Rosario H. Potter, professor of oral facial genetics, and director, dental biometry and research computing, is the author of two guest editorials published recently—"Etiology of Periodontitis: The Heterogeneity Paradigm" appeared in the October 1989 issue of the Journal of Periodontology; and "Genetic Studies of Juvenile"

Periodontitis" appeared in the January 1990 issue of the Journal of Dental Research.

At the annual meeting of the American Association of Dental Schools, held this year in Cincinnati, three faculty members from the Department of Dental Diagnostic Sciences were elected to office: Dr. Dale A. Miles, associate professor, as chairman of the Section of Oral and Maxillofacial Radiology; Dr. Thomas F. Razmus, assistant professor, as chairman of the Section of Graduate and Postgraduate Education; and Dr. Steven L. Bricker, associate professor and chairman, as president of the Organization of Teachers of Oral Diagnosis.

Dr. Ralph W. Phillips, a research professor of dental materials, presented programs on future dental biomaterials to study clubs in London, England and Amsterdam, Holland in January. Course participants included dental practitioners as well as faculty members from various universities in the two countries. Also, Dr. Phillips served as "guest editor" of the Journal of the American Dental Association for the January 1990 theme issue on glass ionomer cements.

Dr. A. George Wagner, professor of prosthodontics and chairman, section complete denture, and fourth-year dental student Steven R. Sanders at co-authors of an article: Permanent,

Dental students (right) ranking at the top of clinical production in the thirdand fourth-year classes for the 1989 Fall Semester are, from left: Brian D. Wagoner, Sangyoung Lee and Stacey Lee, Class of '91; and Kathy M. Patmore, L. Michele Mardis, and Wendy A. Parker, Class of '90. Clinical achievement recognition is given at the end of each semester and summer session and includes a monetary award. (Photo by Mike Halloran)



Heat-cured, Acrylic-resin Bases for Complete Dentures, which appeared in the March-April 1990 issue of General Dentistry.

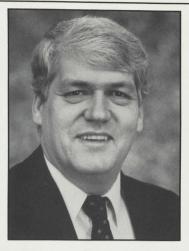
Danny R. Dean, IUSD director of development, and James R. Levens, IUSD director of administrative and financial affairs, have each been granted the additional title of Assistant Dean for the Indiana University School of Dentistry, effective immediately.

Mr. Levens has been employed in the business office of the dental school for 15 years (as senior business officer from 1975 to 1985). He first came to the campus in 1972, serving as assistant to the IUPUI controller. In addition to earning a bachelor's degree in business administration at IU, he completed training at IUPUI as a Certified Public Accountant in 1981.

Mr. Dean has headed development activities at the dental school for nearly four years. Before his appointment at the dental school he served for several years as assistant director of the IUPUI Alumni Association. He holds bachelor's and master's degrees from Indiana State University. Mr. Dean currently is president of the Indiana Council for the Advancement and Support of Education.

According to Dean H. William
Gilmore, the title of assistant dean
reflects more appropriately the scope
and responsibilities of these two
administrative positions, which will
remain essentially the same. Both Mr.
Levens and Mr. Dean will continue to
participate as members of the IUSD
Executive Committee and the IUSD
Administrative Committee.

Dr. W. Eugene Roberts, professor and chairman of orthodontics, was one of the individuals to receive a Group Achievement Award from the National Aeronautics and Space Administration (NASA) for his participation in a collaborative research effort among scientists in the United States and the U.S.S.R. A research associate with the NASA-Ames Research Center, of Moffett Field, California, since 1979, Dr. Roberts has been studying the musculoskeletal system and the effect of weightlessness on bone. The NASA award specifically recognizes Dr.





James R. Levens (far left) and Danny R. Dean

Roberts' contributions to the Space Life Sciences research project that orbited aboard the Soviet Union's Cosmos biosatellite from September 29 to October 12, 1987. He has since been involved with other research missions in the Cosmos series, including one that was launched last fall. Dr. Roberts and other members of the Department of Orthodontics are currently preparing for a project that will be placed aboard the Columbia space shuttle with other projects in NASA's first space laboratory dedicated to life sciences research.

The IUSD Oral Health Research Institute and the Indiana Section of the American Association for Dental Research co-sponsored a seminar in April entitled Use of Animals in Research at the IU School of Dentistry. The program was open to all faculty, staff and students and included a tour of the school's animal facilities on the fifth floor. Presenters were: Dr. George K. Stookey, IUSD associate dean for research (topic: "Nature of Research"); Dr. George P. Willis, chairman, IUSD Animal Care Committee ("Animal Care Committee"); Ms. Janice M. Warrick, assistant director of IUSD Animal Research Facility ("Facilities and Personnel"); Dr. Yiming Li, director of IUSD Cell Culture Laboratory ("Alternative Models"); and Dr. A. Pat Riggins, Jr., University veterinarian and director of Laboratory Animal Resources, IU-Bloomington ("Ethical Considerations").

The IUSD Student Affairs Council recently elected officers for the 1990-1991 academic year. They are: President—**Lis Cloys**, third-year student; Vice President—**Michael J. Behnen**,

second year; Secretary—Charles A. Hurst, second year; and Treasurer—John R. Avila, second year.

In a beautification project headed by Alana L. Barra, supervisor of dental illustrations, and John H. Owens, building manager, the first-floor's front entrance and hallway have gone from dowdy to decorative as part of the overall effort to upgrade the appearance of the School of Dentistry. The transformation involved removing three exhibits cases, adding silk plants and trees, repainting walls and refinishing the front doors. The most eye-catching change, however, is the addition of colorful, poster-size photographs, which line the corridor and are illuminated by a new network of recessed lighting. The photos, all enlarged from 35 mm slides, depict scenes from around Indiana and were contributed by Kathryn J. Williams, research technician in dental materials; Dr. James C. Setcos, assistant professor of dental materials; Mike Halloran, IUSD photographer; and Susan M. Crum, IUSD publications. Each slide was made into a 27x30-inch print by Matrix photo laboratories, then matted and framed by Michaels. According to Alana, one special piece of artwork contributed by first-year dental hygiene student Donna Krietenstein will soon be added as the final touch to the decor. "Donna gave us a beautiful scene of Bloomington, which Matrix has turned into a 24x30-inch transparency," Alana explains. "The transparency will be viewed through a lightbox similar to those that are used in the building to look at radiographs." The lightbox will be mounted on the wall just inside the main entrance.

5 teachers join full-time dental faculty



Jeffrey A. Dean



Shaoliang Jing



Wilfrid M. Keaton



Joseph J. Legan



Carol G. McKown

Jeffrey A. Dean, assistant professor of pediatric dentistry, holds a bachelor's degree from Purdue University, and a dental degree and master's degree in pediatric dentistry from IU. He has served as a part-time faculty member at Riley dental clinic since 1985. For several years Dr. Dean was staff pediatric dentist for Peoples Health Center in Indianapolis, serving as director of health services. He maintains a private practice in Indianapolis. Dr. Dean is the recipient of Ralph E. McDonald awards for scholarship (1985) and research (1987). He is recognized as board eligible by the American Board of Pediatric Dentistry. Shaoliang Jing, visiting associate scientist, Oral Health Research Institute, is a former associate professor at the Institute of Laboratory Animal Science, Chinese Academy of Medical Sciences and Faculty of Laboratory Animal Science, Peking Union Medical College, in Beijing, People's Republic of China. After earning a baccalaureate degree from Nankai University, Tianjin, Mr. Jing was a research assistant at the Chinese Academy's Institute of Epidemiology and Microbiology. After earning a master's degree in biology from Beijing Normal University in 1981, he returned to the Institute of Laboratory Animal Science. He completed a one-year appointment as a visiting scholar at the University of Notre Dame, Indiana, in 1985. He is the recipient of a research award from the Ministry of Public Health in China. Wilfrid M. **Keaton**, associate professor of oral and maxillofacial surgery, has retired from the U.S. Air Force Dental Corps with the rank of colonel. He had been assistant director of dental services and chairman of oral and maxillofacial surgery at the Air Force Systems Command Regional Hospital, Eglin AFB, Florida, since 1986. Dr. Keaton holds degrees from Allegheny College, Meadville, Pennsylvania (BS); Georgetown University, Washington, D.C. (DDS); and University of Texas, School of Biomedical Sciences, Houston (MS). He also completed a residency in oral and maxillofacial surgery at Wilford Hall USAF Medical Center, San Antonio, Texas. Dr. Keaton is a Diplomate of the American Board of Oral and Maxillofacial Surgery. His military awards include the Bronze Star Medal and the Air Force Legion of Merit, as well as an award from the USAF Surgeon General, to whom he served as consultant. Joseph J. Legan, clinical assistant professor of endodontics, has also retired from the Air Force with the rank of colonel. He was most recently chairman of endodontics, USAF Medical Center, Keesler Air Force Base, Mississippi. A dental graduate of Western Reserve University (now Case Western), Cleveland, he also completed a dental internship at Wilford Hall Medical Center. Other training includes an endodontic residency at Lackland AFB, with an MS degree being awarded by the University of Texas Health Science Center, Houston. Dr. Legan is a Diplomate of the American Board of Endodontics. His military awards and decorations include the Bronze Star and the Legion of Merit. Carol G. McKown, assistant professor of pediatric dentistry, has been a part-time faculty member in pediatric dentistry at Riley Hospital since she completed the pediatric dentistry program in 1986. She holds three IU degrees: a BA, a DDS, and a master's degree in immunology, and a certificate in medical technology from St. Vincent Hospital, Indianapolis. Dr. McKown maintains a private practice in Indianapolis and is recognized as board eligible by the American Board of Pediatric Dentistry. From 1986 to 1988 she served as a Fellow of the United Cerebral Palsy Research and Education Foundation.

PHOTO FINISH



Left: Second-year dental student
Sandra Miles introduces a curious
group of youngsters to School of
Dentisty mascot Bucky Bicuspid,
who came to the event bearing gifts—
balloons and toothbrushes. Below:
Third-year student Bud Healey
watches second-year student David
Sutton perform an oral screening on
one young participant; and first-year
dental hygiene student JoAnn
Cardwell stirs the interest of other
children by offering tips on nutrition.

Community outreach, SAC-style

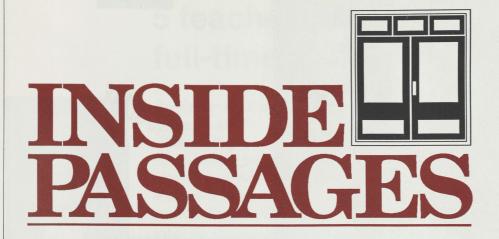
Members of the IUSD Student Affairs Council (SAC) got into the spirit of Children's Dental Health Month in a big way this year by conducting free dental checkups for Indianapolis area school-age youngsters during a Saturday clinic held February 17.

The highly successful SAC-sponsored out-reach effort was led by Lis Cloys, third-year student and head of the dental health month committee. During the clinic about 30 children received oral examinations, fluoride rinse treatment, and toothbrushing instruction. Exam packets were supplied by the Indiana State Board of Health. Supervising dentists were Dr. Kirt Simmons, of orthodontics; Dr. Thomas Razmus, of dental diagnostic sciences; and Dr. Jerry Udelson, of pediatric dentistry.





Photos by Mike Halloran



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