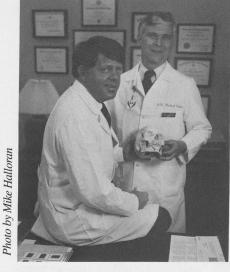


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Indiana University School of Dentistry Alumni Bulletin NS Volume 2, Number 3, Spring 1988



On The Cover

A special blend of health professionals representing several schools on the Indiana University Medical Center campus makes the Indiana University Craniofacial Anomalies Team one worth watching. As the only such team in the state, IU's group offers a full range of services to patients with profound deformities present from birth or acquired as a result of trauma. Team director Dr. A. Michael Sadove (seated) is associate professor of plastic surgery (School of Medicine) and associate professor of oral and maxillofacial surgery (School of Dentistry). He is shown in his office at the James Whitcomb Riley Hospital for Children with the team's assistant director, Dr. Charles L. Nelson, associate professor of oral and maxillofacial surgery (School of Dentistry) and associate professor of plastic surgery (School of Medicine). More on the Craniofacial Anomalies Team follows on page 3.

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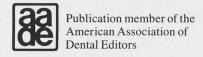




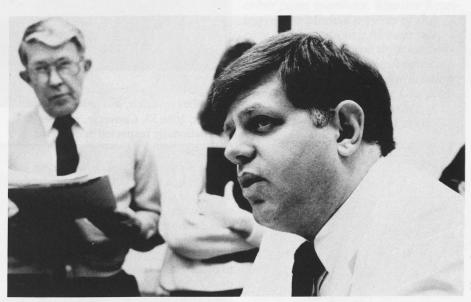
Photo by Mike Halloran

Riley Team Effort Helps Patients with Complex Anomalies

SUSAN CRUM

Laden with oversized "apples" painted in brilliant red and yellow, the decoration resembles a bountiful tree. It branches over much of the wall just outside a first-floor clinic at the James Whitcomb Riley Hospital for Children on the Indiana University Medical Center campus. Also gracing the tree are face mirrors—added, perhaps, as a touch of whimsy, or maybe as a subtle clue to some of the work that goes on behind the doors of Clinic A, where young patients with oral facial and craniofacial anomalies are seen on Monday mornings by a dedicated team of professionals who are working to meet the special needs of these youngsters. Rehabilitating patients for function and appearance so that they can learn to feel good about themselves and assume a more normal role in society is the overriding goal.

For decades the IU Medical Center has been involved in the evaluation and treatment of patients with oral facial anomalies, such as cleft lips and palates and deformities not affecting higher facial or cranial structures. But until the IU Craniofacial Anomalies Team was offically formed in 1982 by Dr. James E. Bennett, Willis D. Gatch professor of surgery and director of the section of plastic surgery, patients with complex diagnostic and therapeutic problems had to be referred to medical centers in St. Louis and Chicago or to other facilities equipped to handle such



Dr. A. Michael Sadove, plastic surgeon and team director

cases. The incidence of craniofacial anomalies is not high, but an estimated 20-25 babies with complex deformities are born in Indiana each year.

Today, the IU Craniofacial Anomalies Team includes more than 30 health professionals representing 20 medical, dental, and allied health specialties. They are prepared to treat patients for a wide range of congenital anomalies, such as craniosynostosis syndromes (i.e. Crouzon's, Apert's, Pfeiffer's), hypertelorism, and hemifacial microsomia, as well as acquired anomalies resulting from trauma. A smaller team caring for approximately

1,500 oral facial anomalies patients is made up of about half the members of the Craniofacial Anomalies Team.

Both teams are headed by Dr. A. Michael Sadove, a School of Medicine associate professor of plastic surgery who has a medical degree from Loyola University of Chicago and a Master of Science degree in surgery from the University of Illinois. Dr. Sadove came to Indianapolis after completing a plastic surgery residency at the University of Virginia Medical Center and a fellowship at the New York University Institute of Reconstructive Plastic Surgery. He studied in Virginia under Dr. Milton

In addition to Drs. A. Michael Sadove and Charles L. Nelson, several other IU faculty members with dental school appointments play important roles in the rehabilitation of oral facial and craniofacial anomalies patients. Seated, from left, are Dr. David Bixler, professor and chairman of oral facial genetics (School of Dentistry) and professor of medical genetics (School of Medicine); and Dr. James C. Shanks, professor of speech pathology and clinical director of speech service in the department of otolaryngology—head and neck surgery (School of Medicine) and professor of orthodontics (School of Dentistry). Standing, from left: Dr. LaForrest D. Garner, IUSD professor and acting

chairman of orthodontics; Dr. Varoujan A. Chalian, professor of prosthodontics and chairman of the section of maxillofacial prosthetics (School of Dentistry) and professor of otolaryngology—head and neck surgery (School of Medicine); and Dr. David K. Hennon, IUSD professor of pediatric dentistry. Not pictured are Dr. William F. Schultz, part-time assistant professor of oral and maxillofacial surgery; and Dr. James E. Jones, associate professor of pediatric dentistry (School of Dentistry) and associate professor of plastic surgery (School of Medicine). Dr. Jones is currently on leave of absence to pursue a fellowship at Harvard University.

Dr. Charles L. Nelson, oral and maxillofacial surgeon and the team's assistant director (white coat), discusses a patient's progress during Monday morning clinic with orthodontics graduate student Dr. David Wallenschlaeger (left) and Dr. Kevin Payton, oral and maxillofacial surgery resident.



T. Edgerton, a pioneer in craniofacial anomalies research, and in New York with Dr. John M. Converse, another internationally respected name in the field.

Dr. Sadove made his decision to specialize in craniofacial anomalies during his Chicago years, when as a med student he observed Dr. Paul Tessier, the legendary French craniofacial surgeon, perform surgery at the University of Illinois. "Dr. Tessier used to make yearly trips to Illinois," Dr. Sadove says. "As a student I watched all of the activity in the operating room on closed-circuit TV, and was fascinated by the types of surgery he was undertaking."

Dr. Sadove was attracted to Indiana's Riley Hospital because he knew that, as the only children's hospital in the state, Riley would offer a large and challenging patient population. The impact of the Craniofacial Anomalies Team on the lives of Indiana patients and their families cannot be overestimated. Babies born with craniofacial anomalies usually require a series of operations performed throughout their years of growth and development. "Today in our clinic I care for patients that I used to see in Virginia," says Dr. Sadove. "Families had to travel all the way from Indiana to obtain treatment."

Indiana's Craniofacial Anomalies group is an excellent example of team effort. The spirit of cooperation is especially noteworthy since team members come from varied professional backgrounds, representing four schools at the medical center: dentistry, medicine, nursing, and social work.

Dr. Charles L. Nelson, an associate professor of oral and maxillofacial surgery at the School of Dentistry, is the team's assistant director. Graduating from IU's dental school in 1976 and the oral and maxillofacial surgery residency program in 1979, Dr. Nelson joined the faculty in 1982 and has been a member of the team since its formation. He attributes much of the group's success to the special blend of personalities. "We all have tremendous respect and admiration for one another," he says. "For each patient we have an integrated plan—and no part of the plan is independent of the other parts. Every team member has a fairly narrow sphere of interest in any given case and we see and treat the patient with that in mind. Maybe it is our genuine desire to help these patients that keeps egos from clashing. No individual places himself or herself above the team. I think that's what makes Mike Sadove such a great director. He tends to participate as an equal member rather than as a director."

Best described as the person who holds the whole team together is Patricia Severns, program coordinator. She is the liaison between patients and the medical team, between the team and outside dental and medical practitioners, and between the team members themselves. Working around the schedules of some 30 busy professionals is a task of hers that no one envies. "Trish is a coordinating genius," says Dr. Nelson. "She has the hardest job on the team." When patients are referred from outside practitioners or agencies, Trish begins orientation over the telephone. Soft-spoken and gentle in demeanor, she seems ide-



Ms. Patricia Severns, program coordinator



Mrs. Becky McNay Social Worker:

"I feel deeply about our children here, and have become one of their strong advocates. As the social worker I've learned to dare to ask for things for them if I see it will make a difference. I'm also involved in the initial assessment of each patient's psychological and emotional needs. In conference I introduce the other team members, who are focusing on the clinical aspects of the case, to the patient's human side, including background information on family and home life. Another part of my job is to look for funding from agencies such as the Crippled Children's Program and other sources to help families in need."



Gathered outside Room 8 in Clinic A are plastic surgery residents Dr. Bruce VanNatta (on phone) and Dr. Chris Jones (center); third year medical student David Minion, and Dr. Karen Tisinai, general surgery resident.



Ms. Sally A. Bowman, speech pathologist

ally suited as the patient's first contact with the group. "I prepare patients and their families for the team evaluation, and acquaint them with the environment of a teaching hospital, where residents and others will be watching," she says. "I try to alleviate as much of their anxiety as I can before they arrive."

One need only sit in on a Monday morning session in Clinic A to understand that "team effort" is much more than a concept for these professionals. To watch them interacting with patients and their families, as well as with one another, is an extraordinary experience.

On one recent morning, the flow of patients begins at 9 am, and Clinic A is set in motion by team members and auxiliary staff. Some 25 children are expected on this day for evaluations or postoperative followups. Residents and graduate students from the various specialties also join the scene. Most of the 10 rooms are soon filled with infants and youngsters, who range in age from three weeks to 18 years. Many patients have cleft lips or palates, or both, and

some bear the heart-rending facial deformities associated with complex congenital anomalies: eyes set too far apart, jaws that won't close, misshapen heads, and faces that appear to be normal on one side and profoundly underdeveloped on the other. The moods of the children, who seem very accustomed to the clinical setting, range from somber to indifferent to exhuberant. Some recognize the doctors and are pleased to see them.

Each child sees a number of specialists during the morning, depending



Noon-time session of the Oral Facial Anomalies Team, composed of about half the members of the Craniofacial Anomalies Team

Dr. David Bixler Geneticist:

"My job is a combination of diagnosis, prognosis, and counseling. Knowing what we do of certain facial conditions, for example, we can predict that a child's brain development will be affected. With some other craniofacial anomaly, we may know that the kidneys are what we need to be concerned about. We try to give people the information they need in order to make intelligent decisions. Parents always feel responsible for their children, and they often ask 'What did I do to cause this?' Genetic counseling can help parents understand that they are not to blame."

on the kind of anomaly or anomalies involved. In the whirlpool of activity a chalkboard is used to keep track of patients as they rotate from one examination room to another. The pace is fast, yet noticeably unrushed. As evaluations proceed, gentle signs of caring pass from team members to their patients: light banter and laughter emanate from the rooms; there is a friendly tummy rub for an infant, a squeeze of the arm for a 12-year-old boy. Patients and parents are encouraged to ask questions, or to talk about any subject of interest to them. After the last patient is dismissed at 12:30, members of the team gather in the conference room to discuss the morning's patients, present findings, and plan ahead—together.

In a multidisciplinary clinical setting, where patients and their families may communicate with five to 10 specialists in a single morning, the risk of overwhelming them with "white coats" is always present, especially at the first meeting.

"During initial evaluations, parents hear from enough professionals to make their heads swim," Dr. Nelson acknowledges. "We are aware of this potential and deal with it in a variety of ways. First, parents are given written reports of recommendations so they don't have to remember everything that is said to them in clinic. Second, the patient coordinator and social worker are key contacts for patients and team members—they are the 'in between' people who advise us and provide constant feedback to both groups. Finally, all team members do their best to make sure parents and patients understand what is going on at all times. We try to communicate that we are partners in rehabilitation. We can't do it alone. They can't do it alone. We have to do it together. They need to view the doctor as a friend as well as a professional.'

Many of the Indiana team's patients do indeed regard the members as friends. "We like to kid around and poke a little fun at one another some-



A tender touch. Dr. Hennon and team photographer Mrs. Penny Meade, of the pediatric dentistry department, spend an extra moment with infant patient during Monday morning clinic.

times," Dr. Nelson says. "After Purdue beat IU in a basketball game recently, for example, one junior high school patient—and Purdue fan—came to clinic wearing her most *obnoxious* Purdue outfit to rub in IU's defeat! That told us that she feels comfortable with us. We loved it!"

Advantages to the team approach are many. "When people sit down together and talk face to face, logical decisions follow," says Dr. Sadove. "Logic is something you don't easily get by catching people on the run in the hallway or with quick phone calls. The group dynamic is important."

Dr. Nelson agrees. "In our group, differences of opinion get talked out right away. We lay the facts on the table and come to a reasonable solution. In the independent, non-team approach, care tends not to be well integrated or well sequenced. Many times we find in team meetings that we are able to combine surgeries to save the kids extra trips to the hospital. With team care, we can see clearly where we're headed; we can proceed easily, follow up easily—and change plans midstream without difficulty if we need to."

Dr. David K. Hennon Pediatric Dentist/Orthodontist:

"I am involved with these children early on—the youngest I have made a dental obturator impression on was two days old. The Riley-based division of pediatric dentistry provides routine dental care for any of the patients who wish to be treated here. We provide the early care of cleft palate infants requiring obturators, or bonnet appliances that are used to push back the maxilla prior to lip surgery in bilateral cleft patients. I derive personal satisfaction from working with the team and seeing the results that we can now obtain for these youngsters, who years ago would have gone through life with much more disfigurement.'

Dr. Barbara M. Stilwell Psychiatrist:

"I look at the emotional factors in the lives of these children, and try to get a feel for their personalities. I conduct a play interview with small children and a talk interview with those who are older. I ask them to explain to me why they come to Riley Hospital, and what it is that is being done for them and to them. I'll hand a young patient a mirror and ask him to tell me what he would do first, if he were the one making the changes in his appearance. My job is very interrelated with Becky McNay's (team social worker) and Dr. Carolyn Bryson's (team psychologist). Patients that I meet here at Riley Hospital I often meet again, either at the Indiana School for the Blind or at the Indiana School for the Deaf, where I also work as a psychiatric consultant."



Dr. Barbara M. Stilwell, psychiatrist



The Craniofacial Anomalies Team meets every six weeks to discuss treatment of patients with profound deformities.

Dr. LaForrest D. Gärner Orthodontist:

"Participating on the oral facial and craniofacial anomalies teams doesn't increase your salary. Nor does it increase your visibility as a professional in the country. But I've been a team member for 27 years, and I can tell you that what this work does give you is a great sense of personal fulfillment when you observe how the personalities of the patients change for the better over time."

Every six weeks the larger group dealing with craniofacial anomalies meets for an in-depth review of one or more patients with profound deformities. On the day we observed, some 20 professionals spent a full hour talking about the history, treatment and prognosis of just one individual, a teenage girl who was born with a midfacial cleft. She has been in the team's care for several years. While an image of the girl is projected onto a screen, there are detailed reports and updates from the social worker, child psychologist, geneticist, clinical nurse, oral and maxillofacial surgeon, plastic surgeon, and speech pathologist. Deep concern for the child's development and welfare is evident throughout the room. There are no stars here, only people with a common goal of doing whatever they can to improve a young girl's function, appearance, self-image and, ultimately, the quality of her life. It is teamwork at its finest.

Skillful, caring clinicians—ves. Magicians, no. Members of the Craniofacial Anomalies Team concede that they have no wand to wave over patients with severe and multiple problems. Every day they are reminded of their limitations, and nothing brings this message home more bluntly than the fact that there are children being treated for craniofacial anomalies who have unaffected identical twins. Pointing to a group of photographic slides taken over a two-year period. Dr. Sadove says. "This child was born with a massive hemangioma on the side of her face. You can see that her appearance has been much improved since she began treatment with us. Still, no matter what we do for her, she is never going to look like her twin. In cases such as this, you just have to give it the best effort you can, and realize that both the patient and the physician are entitled to feelings of frustration from time to time."

(continued on page 10)





Dr. Carol G. McKown (left) and Dr. Priscilla I. Johns are assistant professors of pediatric dentistry, co-fellows of the United Cerebral Palsy Research and Education Foundation, and unofficial members of the Craniofacial Anomalies Team. They assist with such clinical activity as the delivery of pediatric obturators. Dr. McKown is also on the lecture circuit, speaking at cleft lip and palate conferences and to students of speech pathology.



Dr. Kevin Coghlan, first year orthodontics student on rotation in the craniofacial anomalies clinic, with Mrs. Marty LaPrees, assistant for oral and maxillofacial surgery team members.



Dr. Michael Buccino, second year pediatric dentistry resident, makes notations in the chart of one of the young patients seen during a clinic session.



Dr. Payton (left) and Dr. Nelson (second from right) performing oral surgery on cleft palate patient with Dr. Merneatha Bazilio (center), general dentistry resident, and scrub nurse, Ms. Sandy Smith.

Dr. Varoujan A. Chalian Maxillofacial Prosthodontist:

"Every human has the divine right to look human and function as a human. It is very rewarding to play a role in the rehabilitation of patients with craniofacial abnormalities, as I have done as a member of the cleft palate team since 1960. These patients are treated by the prosthodontist from birth into their geriatric years. With craniofacial anomalies, which may or may not be associated with clefts. the prosthodontist serves as an adjunct clinician to the surgeons, creating prosthetic devices to complete reconstruction of the head and neck as growth and development take place. As we follow their progress over the years, it is heartening to see individuals who become self sufficient and able to support themselves. They are more accepted by society and able to make valuable contributions of their own."



Ms. Carol J. Ritter Nurse Clinician:

"Since almost all babies come to us with some degree of feeding difficulty, the nurse clinicians spend a great deal of time instructing families on how to properly and successfully feed their children. On subsequent clinic visits, we closely monitor the child's weight and height, and assess his development milestones. We also do pre- and postoperative teaching."



Drs. Ernest DaBreo (foreground) and Manuel Hernandez, graduate students in maxillofacial prosthetics, at work in the maxillofacial prosthetics laboratory in the Regenstrief Center. Part of the prosthodontist's role on the team is to construct velopharyngeal prostheses, including palatal lift appliances, pediatric obturators, and speech appliances.

Sometimes, a team member's role is a delicate balancing act. "It can be difficult, being part cheerleader for patients undergoing treatment, and also being the one telling them to have realistic expectations," Dr. Sadove says. "You need to be honest and yet optimistic." On the whole, patients come to the team looking for help, not miracles.

Indiana's Craniofacial Anomalies group is one of the newer teams in the country, but its reputation is growing. Several preliminary research studies are under way that the team hopes will turn into long-term projects. Team radiologist Dr. Mary Edwards has been working with C.A.T. Scan imaging of the head and face that allows a three-dimensional view of deformities.

"We have some special people on this team," Dr. Sadove says with pride. "They go to every corner of the state, on their own time and paying their own way, just to tell others about what the team is doing." And the word is spreading. "I know from the referral

process around the country that Indiana's team is well thought of by other professionals," he says. "They are comfortable referring their patients here."

As the team branches out, it does not overlook another important component of the rehabilitation process: the patient's family. "Our social worker, Becky McNay, has brought together a family support group here at Riley that is very active now," Dr. Sadove says. "One dynamic member of the group is a successful business woman who also happens to be a patient. It's important for children with these anomalies to have such a role model."

The personal satisfaction derived from being a member of the team, as described by these talented professionals, is rarely connected to their clinical proficiency or to achievements in their own areas of expertise. The feeling of having done a job well is more tied to small moments, such as opening an envelope from a former patient, as Dr. Sadove recently did. "He had enclosed



Marty chalks in the name of a patient on a board in Clinic A used to designate where each patient is located as patients move from one room to another for evaluations or followups.

a picture of himself taken in his senior year of high school. His pose was casual, with a sports coat thrown in a carefree fashion over one shoulder. He was obviously a young man who had gained confidence and self-assurance."

"Satisfaction comes from watching a child with severe disfigurement undergo rehabilitation and complete the treatment feeling good about himself and the way he fits in with society," says Dr. Nelson.

"The biggest joy is developing a relationship with children that lasts for years," Dr. Sadove says as he gazes at yet another photographic slide of one of the team's patients, "and sharing a critical time in their lives."

Dr. James C. Shanks Speech Pathologist:

"Having participated on the cleft palate team since 1955, I use my 'ears and years' to carry out evaluations, which are then reported to other members of the team. A special cooperation exists among the craniofacial anomalies team members. The team provides a never-ending source of learning for each of us. Some of the children with speech disorders that we have worked with here have gone on to win speech contests or to pursue successful careers as teachers. One even took a puppet show on the road! There is tremendous satisfaction in the work we do."

Craniofacial Anomalies Team

(Representing the Indiana University Schools of Dentistry, Medicine, Nursing, and Social Work)

Anesthesiology

Thomas M. Wolfe, MD

Audiology

Michelle L. Wagner, MA

Maxillofacial Prosthetics

Varoujan A. Chalian, DDS, MSD

Neurology

William E. DeMyer, MD

Neurosurgery

John E. Kalsbeck, MD

Nursing

Clinic

Gail L. Bland, BSN Marilyn Price, BSN Carol J. Ritter, BSN

Operating Room

Janet Burk, BSN
Dianne Cundiff, BSN
Diana S. McDowell, MSN
Patricia M. Terrell, BSN

Ophthalmology

Forrest D. Ellis, MD Eugene M. Helveston, MD

Oral Facial Genetics

David Bixler, PhD, DDS Rajendra A. Patel, DDS Richard E. Ward, PhD

Oral and Maxillofacial Surgery

Charles L. Nelson, DDS William F. Schultz, DDS

Orthodontics

LaForrest D. Garner, DDS, MSD

Otology

Richard T. Miyamoto, MD, MS

Pediatric Dentistry

Alane M. Bensinger, ASDH
David K. Hennon, DDS, MSD
James E. Jones, DDS, MSD
Penny Meade, CDA (also team
photographer)
Kimberly R. Welsh, CDA

Pediatrics

Marilyn J. Bull, MD

Plastic Surgery

A. Michael Sadove, MD, MS

Program Coordinator

Patricia Severns, MS

Psychiatry

Barbara M. Stilwell, MD

Psychology

Carolyn Q. Bryson, PhD

Radiology

Mary K. Edwards, MD Heun Y. Yune, MD

Social Work

Becky McNay, MSW, ACSW

Speech Pathology

James C. Shanks, PhD Sally A. Bowman, MS Randi K. Zaichek, MA

Remembering Howard Riley Raper

Dr. Maynard K. Hine, IUPUI chancellor emeritus and professor emeritus of periodontics, who was dean of the School of Dentistry from 1945 to 1968, has passed along to the editors of the Alumni Bulletin a tribute to Dr. Howard Riley Raper, a 1906 graduate and faculty member of the Indiana Dental College who went on to earn a worldwide reputation as a pioneer in dental science, most notably dental radiology. The tribute was offered a few years ago in a speech to members of the Pierre Fauchard Academy by Dr. Ralph R. Lopez, of Sante Fe, New Mexico. Dr. Lopez' friendship with Dr. Raper spanned several decades until Dr. Raper's death in 1978. Dr. Lopez spoke of Dr. Raper as a man of extraordinary accomplishments, whose devotion to Indiana University never wavered. (Dr. Raper bequeathed the bulk of his estate to the Indiana University School of Dentistry.)

Excerpts from the speech follow:
I first met Howard Raper in
Gallup, New Mexico, in the summer of
1926 when he stopped to visit a friend
and local dentist. I was the janitor and
errand boy at this dentist's office. How-

'Howard was way ahead of his time in the field of public relations . . . '

ard was with a group of business friends on their way to Arizona for a hunting trip. They had run out of hard liquor, and I was dispatched to a local bootlegger to get a supply for this distinguished group.

I saw Howard Raper again at a clinical program in Kansas City while I was a student in school, and then later in 1936 when I presented myself to take the dental board, and Howard Raper was a member of the Board of Dental Examiners.

In 1935 Howard married his lovely Thelma, who was by his side for the next 40 years.

Howard Raper came to New Mexico in 1917 from the School of Dentistry in Indiana where he was the associate dean. He was suffering from tuberculosis when he arrived in New Mexico—and lived another 61 years! Except for during my tour of army duty I saw Howard at least twice a month for the next 40 years.

I was Howard's listening post, his errand boy, his confidant, and his friend. It was my pleasure and duty to take to his home all visiting dignitaries who had come to New Mexico to perform before dental groups—such men as Roy Rinehart, Harold Hillenbrand, Ham Robinson, George Hollenbeck, Bill Alstadt, Bob Shira, and many other distinguished educators and leaders of our dental profession.

I remember so clearly a luncheon I had for Howard Raper and Harold Hillenbrand over 20 years ago. For almost four hours Howard proceeded to let off steam and tell Harold what a terrible job organized dentistry had done in not educating the public on the needs of prevention and treatment of dental disease, decay, and periodontal infections. He also said that the dumb dentists needed educating, too: "All they think of are extractions and dentures." Howard was way ahead of his time in the field of public relations (or marketing and merchandising as we now call it under the new programs of

the American Dental Association):
"How to prevent toothache—take a radiograph, find the cavity and fill it. Find the periodontal pockets, treat them, and save the foundation for the preservation of teeth."

Throughout all our conversations the Indiana University School of Dentistry was foremost in his mind, and his regular visitors from the school were in the early years Jerry Timmons, former dean at Indiana, and in the last 20 years Maynard Hine, who was the outstanding dean at Indiana for many years. Maynard Hine probably has more information and correspondence and knows more about Howard Raper than anyone alive. All of his slides, books, equipment, and manuscripts were left to the IU School of Dentistry. Dr. Hine did much to help Howard get his records and papers in order for posterity. He sent people out from Indiana to catalog all the personal effects of this great man.

Thelma Raper preceded Howard in death, and this was a major loss as she really took great care of him. He was quite ill from time to time, but he survived and survived until finally at the age of 92 he passed away.

Howard was humorous, sharp and witty, and had great intellect. I always accused Howard of having eye-glasses for all occasions. He had very poor vision. He would change glasses from pocket to pocket. He had glasses for reading, glasses to help him see you better, glasses for fine print, and glasses for reading every imaginable detail in a radiograph or slide.

Howard accomplished much in New Mexico. First, the bite wing; second, his pamphlets on how to prevent a toothache; third, his books on dental radiography; and fourth, his great book, Man Against Pain. One time when Bob Shira was visiting Howard, Bob said: "Howard, do you remember such and such a statement that you made when you wrote Man Against Pain?" Howard got up, reached up to the shelf, pulled the book down, turned directly to page 276, and said, "I didn't say that. This is what I said: . . ." And this happened when Howard was about 86 or 87 years of age.

A fifth accomplishment was the publishing of his monthly articles "As I See It," in *Dental Survey*. He was honored in New Mexico in 1950 as "Dentist of the Half Century," in which I had a part.

'Although he left Indiana in 1917, his great love was still the IU School of Dentistry.'

During my term as a member of the Board of Regents of the University of New Mexico, I had the opportunity of presenting Howard's name to the Regents and the faculty, and in 1956 at graduation exercises I personally made the presentation to Howard Raper of an honorary degree of Doctor of Science for the great humanitarian services he had performed for the people of this country by developing bite wing radiographs, and by undertaking—alone—a national crusade for preventive dentistry, relieving pain and treating decay.

Howard Raper was a giant in the dental profession and a lovable man. It was a special treat for me on several occasions to bring back with me from the Kansas City Alumni meeting George Hollenbeck, who stayed in Albuquerque several days visiting with Howard on his way to California. He and Howard would visit a couple of hours in the morning, rest, take a nap, and then visit again for a couple of hours in the afternoon. They would do this for several days, and sometimes one would go to sleep while the other was talking. After all, they were 85 years of age or more.



When Howard came to New Mexico we had only been a state of the Union for five years. What a remarkable man! Being almost on his deathbed when he arrived, he still accomplished much during the next 55 or 60 years. Although he left Indiana in 1917, his great love was still the IU School of Dentistry. He had a fierce, undying loyalty to his school. He would go on and on about how much his school meant to him.

Dr. Howard Riley Raper

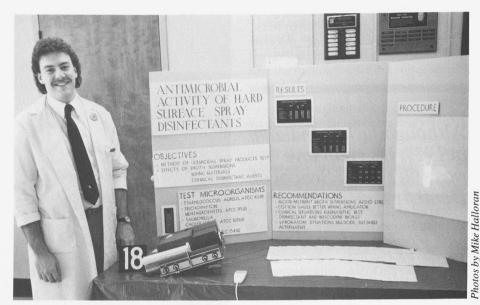
Gentlemen, if I have given you anything to take home with you, it is to recognize the loyalty and gratitude that this great man had for his school, the Indiana University School of Dentistry, and for the opportunity that it gave him to study dentistry.

A Feast of Information Offered by Presenters of Table Clinic Day '88

Described as "interested" and "eager" by IUSD Table Clinic Committee Chairman Charles J. Palenik, 73 IU School of Dentistry students made their way to the school cafeteria, toting everything from posters and slide projectors to dental molds and computers. Their paraphernalia was organized into 36 table clinics for the annual Table Clinic Day, held March 14. Topics, as usual, covered a wide variety of timely information on dentistry.

IUSD faculty and staff, and Ms. Julie Vicari, of the Indiana State Board of Health, evaluated the clinics, which were divided into four categories: dentistry (fourth year students), dental hygiené, dental assisting, and the American Dental Association/Dentsply Student Clinician Award competition. ADA/Dentsply award winners were second year student John D. Hiester (first place) and third year student Steven F. Rodgers (second place). In the fourth year student competition, Scott C. Barrix took first place, Craig D. Stapleton was second place winner, and Bonni M. Boone and William S. Hopkins tied for third. Winners of the dental hygiene and dental assisting divisions will be announced at graduation ceremonies.

Some of the Table Clinic action was captured by IUSD photographer Mike Halloran, as follows:



The smile of a winner. For his clinic on antimicrobial activity of hard surface spray disinfectants, second year student John Hiester won the 1988 ADA/Dentsply Student Clinician Award, and a free trip to the ADA Annual Session in Washington, D.C. next October. At the ADA meeting John will place his clinic in national competition.



As second place winner of the ADA/Dentsply competition, third year student Steven Rodgers (left) receives a cash award from the Indiana Section of the American Association for Dental Research. His clinic was entitled "Reactions of Rat Connective Tissue to Dentin Discs Containing Nonmetallic Restorative Materials." He is shown talking to Dr. Kichuel Park.



Fourth year student Leonora Miranda Clark describes her clinic on the correction of a dental crossbite using W-arch appliance to Dr. Donnell Marlin.



Dental hygiene student Twyla Sheridan (left) presents a clinic on sterilization vs. disinfection to Ms. Julie Vicari. Twyla's copresenters were Diane Kaufman and Brenda Taylor.



Dr. Leonard Koerber listens to a group of dental assisting students present a clinic entitled "Rub a Dub Dub." They are, from left: Karen MacLachlan, Stacy Douglass, April Jones, and Erin Cullen.



Heads are in a huddle over Timothy Lane's clinic on correction of an anterior crossbite using a Hawley Retainer. Fourth year students are, from left: Bret Weathers, whose clinic was on surgical exposure of a delayed erupting permanent tooth; Tim Lane; Craig Stapleton, second place winner for his clinic on the use of the endocater in clinic; and Todd Meeks, who presented "Rapid Palatal Expansion for Correction of Maxillary Skeletal Crossbite."



Scott Barrix (left), first place winner of the fourth year competition, explains his clinic on forced eruption to classmate Todd Meeks.



Faculty members studying a list of presenters are, from left: Professor Charles J. Palenik, Chairman of the Table Clinic Committee; Professor Nancy Young, who served as judge for three table clinic categories; and Professor Ann Busch.



Fourth year student John Hartman (right) discusses with classmate Richard Emerson an intraoral appliance to prevent snoring.



Fourth year student Brian Kirkwood (left) has the attention of classmate Kenton Bailey for a presentation of his clinic entitled "Distalizing Molars to Provide Space for a Crown Using Elastics." Kenton's clinic topic was slow palatal expansion using a removable appliance to correct malocclusion.



"A Polished Performance" is presented to Dr. Koerber (second from right) and Dr. Abdel Kafrawy by dental hygiene students Julie Osborn (left), Alison Smith, Suzy Lawson, and Stephanie Harlow.



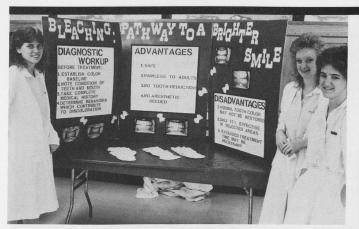
Bonni M. Boone (left) was presenter as well as patient for her clinic on a case presentation of orthognathic surgery. She tied for third place in the fourth year competition (shown with Professor Gail Williamson).



For "Do's & Don'ts—The Perils of Baby Rita," dental assisting student Rita Dickerson takes her role as presenter a bit further than most! Her co-presenters were Judy Weldon and Marjorie Smoker.



Third year student Roschelle Major-Banks (right) and Dr. Hala Henderson talk about Roschelle's clinic on oral hairy leukoplakia.



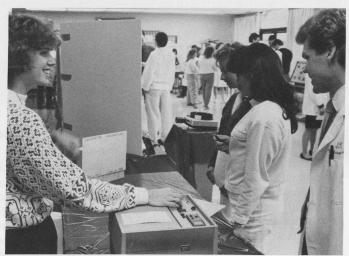
Dental hygiene presenters pose beside their entry entitled "Pathway to a Brighter Smile." They are, from left: Suzanne Beck, Gwen Stiener and Julie Sipes.



Dental assisting students tell Dr. Jack Schaaf (left) and Dr. Park how to break the bad snack habit. They are, from left: Robbin Martin, Kristi Line, and Danelle Ford. Their co-presenter was Tamara Harrington.



Fourth year student Kathleen Warthan (right) presents her clinic, "Tissue Conditioning and Minimalizing Tissue Displacement During Denture Impressions," to Professor Jeri Francis.



Fourth year student Marie Holt (left) offers information on overdentures to April West Bardonner and Stephanie Litz (in white), winners of the ADA/Dentsply award for 1987 and 1986, respectively, and to fourth year student Lawrence Weaver.



Dental hygiene student Michelle Yoder (left) listens as co-presenter Anjie Ziegler (right) provides tips for tots to Ms. Vicari.



Professor Busch (back to camera) hears a presentation entitled "Time to Straighten Up" by dental assisting students April Provost (left), Jo Ann Cardwell, and Susan Darche.

Taking Care of Business Since 1924:

A Conversation with Ruth White

KAREN MASBAUM YODER*
RALPH G. SCHIMMELE**

The reception room of their dental office doubled as a living room in the evenings and on weekends. After all, those were the only times they needed a living room; they worked together in their dental practice the rest of the time. Their combination dental office/home was located above the Hoosier Grocery Store, now the Klug Shoe Store on East State Street in Fort Wayne. Child care wasn't a hassle; little Betty just toddled in and out of the operatory while they worked. Betty became a problem only once, when she gently removed a patient's wallet from his pocket while he was having a tooth extracted. Even that wasn't much of an embarrassment for the dentist and his assistant because children were widely accepted as part of any family setting and dental offices in those days weren't the controlled environments we know today.

That was back in 1924, when Dr. John White (Indiana Dental College '24) and his wife, Ruth, were beginning their practice. Ruth was a dynamo as a dental assistant and business manager and now, at 87 years of age, she is still a spunky and energetic part-time dental assistant in the office of Dr. Charles H. Middleton ('82), the dentist who purchased Dr. White's practice six years ago when Dr. White became ill. Dr. Middleton wanted to be sure that Mrs. White came along with the deal. He recognized the strong following she had among the patients and, of course, Ruth wanted to make sure the patients continued to receive the same attention and care. So she was a willing part of the arrangement. Although Dr. White has crippling Parkinson's Disease now, and

*Consultant in Community Dental Health, Indiana State Board of Health, and Instructor in Dental Auxiliary Education (Fort Wayne) **Professor of Dental Auxiliary Education and Associate Dean for Program Development and Extramural Programs requires constant care, when Ruth can take some time away she still loves to assist chairside, pour models, and help out in other ways. Sue Warrington, one of Dr. Middleton's other dental assistants, says of her co-worker: "Everybody just loves Ruth. She's really amazing!"

Recently we had an opportunity to have lunch with Mrs. White and ask a few questions. We'd like to share her answers.

Tell us about yourself and your family.

I was born in 1901 (yes, I'll tell you how old I am) in Indianapolis and John was born in 1900 in Warsaw. His father was a physician there. My father was a businessman. I have a twin sister, Pearl, who married John's dental college classmate and lab partner, Dr. Earl Woods. Earl passed away, but Pearl still lives in California where they practiced. John and I have three daughters: Betty Dehal, Athens, Ohio; Susanna Heath, La Jolla, California; and Joan Erman, Montville, New Jersey.



How did you and Dr. White meet?

We met in an eating place in Indianapolis, over a bowl of puffed rice with ice cream (that's really good, you know). He invited me to the Bricklayers Ball. I couldn't figure out why a dental student would be going to the Bricklayers Ball, but he seemed like a nice fellow, so I went. Years later I asked him why he was attracted to me. He said that when I propped my feet up on a chair that day, he saw that I had a hole in the sole of my shoe. He figured any girl who drove a fancy Franklin automobile but would be willing to wear shoes with a hole in the sole had to be all right. That Franklin was a nice looking car. It was gas and electric. When I ran out of gas I could just switch to the electricity. It was wonderful.

Was it difficult starting a dental practice in 1924?

We were lucky. John and I were married during dental school and had our first baby six weeks before graduation, so it could have been rough, but my father said he wouldn't give us a wedding gift until graduation. Then what a gift he gave us. He set up the practice for us and that was a great help. We worked hard and I had learned a lot about business from my father so we did all right. John and I worked very well together. It got more difficult during the depression, though. People kept coming in for treatment, but they just couldn't pay their bills. People didn't ask to barter very often, but once we did trade dental work for fourteen cemetery plots. Can you imagine that!

What was dentistry like in the early days?

On our first day of practice John did his first extraction for one dollar. We framed that dollar and still have it. Throughout his 58 years of practice, John was known for his gold work. When most dentists were using preformed gold crowns, John was carving and casting crowns for his patients. There weren't labs to send them to, either, so it meant long hard hours in the lab for John. He never wanted to charge people what his work was worth. So sometimes I'd just change the fee at the

Dr. John R. White Indiana Dental College Class of 1924



On the job with Ruth White. Mrs. White demonstrates her chairside skills with the help of Ms. Sue Warrington, another dental assistant in Dr. Charles Middleton's office. (Note the special face mirror, complete with ears, nose, and anterior maxillary and mandibular teeth.) Photo courtesy Learning Resource Center, Indiana University-Purdue University at Fort Wayne.

desk. We had a vulcanizer in the office, too, so we could make our own vulcanite dentures.

Did you and Dr. White stay active in professional dental activities?

Oh, my, yes. We went to continuing education programs regularly. We even went to Europe, the Bahamas, and the South Pacific for continuing education. We never missed the Chicago Mid-Winter Meeting or the Indiana Dental Association Annual Session. John was recognized for his dedication to the profession, you know. He was named Indiana Dental Association Honor Dentist in 1970. He tried to avoid getting that honor by staying on the selection committee year after year, but they finally kicked him off and told him he was going to receive that award whether he liked it or not. He finally accepted it. I got quite a nice honor, too. In 1980 Isaac Knapp District Dental Society gave me the Special Service Award. That was quite a thrill.

Have you always been active in the auxiliary?

Sure have been. Still am! I am a charter member of Isaac Knapp's Auxiliary. I think it was the first auxiliary to be organized in Indiana. In 1934, when we first started meeting it was just social, but around 1945 we started doing community service projects. We passed out toothbrushes and taught children how to brush their teeth. The Isaac Knapp Auxiliary surprised me some years ago by establishing the Ruth White Award, which is presented annually to a graduating dental assistant or dental hygienist from the Fort Wayne campus.

What advice would you have for young dentists starting a practice today?

I guess I'd tell them to always do the best they can for the patient, always be honest with the patient; provide the best service possible; and do it for a fair fee. I also believe you need to give back something of yourself to your profession and your community. There are many ways to do this, all of which will require your time and resources. You'll feel good about it.

It seems to me that the dental graduate of today is better educated than ever before. As new graduates, they are technically great practitioners but they're still not prepared for the business part of practice. They'd be smart to work with someone-to associate, I guess is the buzz word I hear now-for a while. To be successful in dentistry—and that includes being totally happy with your lot in life—you need to be a business person as well as a good dentist. I guess you can say this is our philosophy of dental practice as John and I have shared it for 58 years. John and I were a team. You know, he and I will soon celebrate our sixty-fifth wedding anniversary. It was fun; every bit of it. I'm sure glad John invited me to that Bricklayers Ball.



Photos by Susan Crum

High Marks Earned in 'Home Work' at Board of Health

SUSAN CRUM

The 'Mystery Men of Room 145E,' as they jokingly refer to themselves, are William Hopkins, Eric Ladd, and Craig Stapleton, all fourth year dental students at Indiana University. Their room—actually a small apartment—is located in a busy first floor corridor at the Indiana State Board of Health. Their reputation as men of mystery is fitting because Bill, Eric and Craig remain unknown to most of the hundreds of employees at the Board of Health, even though all three work there full-time and two of them call Room 145E 'home.'

As General Student Assistants with the Division of Internal Support Services, the most important aspect of their job is to answer calls that come in on the Indiana State Board of Health emergency line while the building is closed, from 5 pm until 7:30 am and on weekends, and to relay messages to the proper authorities. Only one student is on duty each night, and the students decide among themselves how the work week is divvied up. Their anonymity has a lot to do with the fact that regular employees at the Board of Health are calling it quits for the day just as the Student Assistants are coming home from dental school and one of them is gearing up for a 14½-hour shift.

"The mail man, the maintenance man, and Murray, our supervisor, are the only people we deal with personally on a routine basis," says Bill Hopkins, a dental student from Morocco, Indiana, who has worked for, and lived at the Board for two-and-a-half years. "I found out about the position from a friend who was working here while going through med school," he says. "It looked like an ideal job, so as I got acquainted with other people here I let it be known that I would be willing to hang around during holidays if they'd hire me. Luckily they did."

Bill's first two partners were law students, but gradually students from the dental school were hired. "Bill got me in next," says Eric Ladd, a native of Munster, Indiana, who moved into the Board of Health in July, 1986. "And then Bill and Eric helped get me hired a few months later," says Craig Stapleton,

Buzzers, bells, and things that go bbrrringgg in the night are all part of the routine . . .

who is from Sacramento, California, and the only one of the group to live off-site in his own apartment. The job is a little less convenient for Craig since he must plan ahead before beginning a shift. Clothes for tomorrow's clinic and an electric shaver must be carted from his Northside home.

Live-in work arrangements at the Indiana State Board of Health started back in 1947, according to Mr. Murray Lawry, director of Internal Support Services. The three positions provide a modest salary, group insurance benefits, and free housing, and are

open to students of law, medicine, and dentistry. As the assistants' boss, Mr. Lawry is pleased with the way Bill, Eric and Craig handle their responsibilities. "This current group of students ranks among the best we've had in the program," he says.

Duties

Buzzers, bells, and things that go bbrrringgg in the night are all part of the routine in the expansive, five-floor Board of Health building, just down the street from the Indiana University Medical Center. In addition to staying within earshot of the telephone, the on-duty assistant stays alert for other noisy signals. As ISBH 'gatekeeper,' he responds to a buzzer connected to the front door of the building (a television monitor in the bedroom lets him see who is waiting on the front steps). Visitors fall mostly into two categories: ISBH employees wanting to work overtime, and delivery personnel from around the state bringing samples and specimens (microbial, water, rabies, etc.) for evaluation. Surgical scrubs serve as the unofficial work clothes for the assistants so they can be comfortable during the long shifts, as well as presentable when answering the doorbell.

They know that a clanging bell indicates a power outage, which must be reported quickly so that specimens stored in the Board of Health freezers are not ruined.

Other duties include taking in the overnight mail; escorting people in the building to their cars; using master keys to enter offices and assist employees with requests from home (such as "I think I left my coffee pot plugged in—could you run up and check?"); and making occasional runs to the bus station to pick up packages containing

Standing outside the doorway of their Indiana State Board of Health work place and 'home' are dental students Eric Ladd (left) and Bill Hopkins (right). Craig Stapleton (center), also a dental student and ISBH employee, lives elsewhere but stays in the apartment when on duty. As the man on the job this particular evening, Craig keeps the phone handy at all times.



Craig, Bill and Eric pause in front of the Board of Health mural, not far from the main entrance of the building.

specimens for evaluation that must be hurried back to the Board of Health refrigerators. (One service of the ISBH, for example, is to provide rabies testing free of charge.)

However, the myriad phone calls coming in on the emergency line after hours provide the bulk of the work for the assistants and the greatest challenge. They are not expected to have the answers for emergency callers, but they must decide the appropriate contact for such a call and promptly relay the message to the proper authority, no matter what time of night the call comes in. Dozens of divisions within the Board of Health have authorities on call, and the assistants use a detailed call list to determine who gets what message. For instance, if someone is injured in a fall in a nursing home, there is a specific person on the list to whom that call is referred. The assistants also field questions for the Indiana State Department of Environmental Management.

Inquiries and reports come from every organization imaginable: the Coast Guard, news media, police departments, conservation departments, and the State Department of Civil Defense. Calls from Indiana citizens range from pleas for assistance with real problems to calls from people who seem to be angry with the world in general. Each call is taken seriously.

"It's not for us to judge who has a legitimate concern and who doesn't," says Bill. The assistants are accustomed

Dozens of divisions within the Board of Health have authorities on call, and the assistants use a detailed list to determine who gets what call.

to calls that report environmental spills involving thousands of gallons of a substance. "One night I took a call from a man at 3 am who reported a spill of five gallons of diesel fuel in Lake Michi-

gan," Craig recalls. "Even though I knew that the spill posed no threat, it was still my responsibility to awaken the authority on call for environmental spills." Bill adds, "When we got calls from parents last year who said 'Our children have been playing with hypodermic needles they found in a health clinic's dumpster,' it's a good thing we took them seriously and passed the message on promptly."

All three assistants emphasize that people shouldn't call the emergency line unless they believe they have a major problem. "We'll get calls in the middle of the night," says Bill, "from someone who complains that the street light in front of his house is blinkingand then mentions it has been doing so for months! The Indiana State Board of Health is not a 24-hour access building." Routine requests, such as for birth certificates, must await regular business hours. The emergency line is for emergencies that threaten the health of the public, such as product tampering and mislabeled food or drugs. Reports of water and air pollution or environmental spills are referred to the Department of Environmental Management.

Many calls from the public are complaints about landlords, which fall outside state jurisdiction. "If your landlord shuts off your water, that's not considered a *state* emergency," Bill explains. "Property complaints are under county jurisdiction."

"Most people will say, 'I don't know if I'm calling the right number' before they tell us their problem," says Bill. "And many of them don't have the right department. But we can usually tell when a problem is for the city, the county, a federal office or some other agency." "I often look in the Blue Pages like anyone else would," says Craig, "to help a caller find an appropriate contact. This job has sharpened my phone skills and taught me a lot about how to relate to people over the phone."

Memorable Shifts

Craig vividly remembers one of his first nights on the job: "I started working during Thanksgiving break and had to work several shifts in a row since the other guys went away for the holiday. A call came in reporting a truck accident on a bridge *between* Kentucky and Indiana. Oil was leaking into the river,

and no one was sure who was responsible. People from both states representing the Coast Guard, Environmental Control, Flood Control—you name it—kept calling in constantly. The phone stayed busy all night. I thought to myself, 'If this is what working here is going to be like, I'm getting out!'" (Fortunately, Craig soon found that calmer shifts were more the norm.)

Bill won't ever forget the evening he thought people in the city had gone a bit dotty.

Sometimes, lending a sympathetic ear is all that can be done. "I once had a pet ferret," says Craig, "so I could relate to a woman who called up saying she had a court order to keep her pet ferret from being sacrificed for a rabies check. Her call came too late—I had just taken the specimen upstairs to

the freezer. When I told her, she fell apart. I stayed on the phone with her for more than an hour." (The emergency line is equipped with call waiting.)

Bill won't ever forget the evening he thought people in the city had gone a bit dotty. Within 10 minutes seven emergency line callers reported an earthquake—this, of course, was last year when much of the Midwest experienced strong tremors from a bonafide quake. But because of the apartment's location and a motorized fan just outside the living room that causes a constant vibration, Bill didn't feel or hear the quake. He didn't know what to make of the Hoosiers' strange behavior until he flipped on the TV news.

Also unnerving are the evenings when the six o'clock news reports that some foodstuff, drug or merchandise has been taken off the market. "That's

Despite the tight living quarters (consisting of living room, bedroom, kitchen and bath), each student manages to 'do his own thing' unencumbered. The TV monitor on the shelf above the bunk beds allows the students to see who is standing at the building's main entrance.





On-duty assistant Craig Stapleton takes a call coming in on the ISBH emergency line at 9:00 pm. After his shift ends the following morning at 7:30, he will don clinic attire and head for the dental school, where a full day awaits him.

scary," says Craig, "because you realize that calls will soon be flooding in from news reporters and concerned citizens, and you don't always have a news release on what's happening." "That happened a lot in my sophomore year, always when there was an oral path test the next morning," Bill adds with a laugh.

The assistants are busiest in the spring, when good weather coaxes furry little creatures and human beings into the out-of-doors, and a lot of people are bitten. This is also a season when people begin to spot pollution in streams, dead fish in the lakes, etc.

More often than not, it is the lack of activity that makes the job a challenge—to stay awake, that is. On slow nights, an hour's worth of work is spread out over the entire shift. While "sleeping on the job" is permitted, it is sometimes less irritating to try and stay awake than it is to be rudely—and repeatedly—summoned from slumber by the buzzer or telephone. Thursday night is considered easiest because there is a wealth of good TV to keep them from drifting off. The students also rent movies to help the time pass more quickly.

From a strategic point on the stairway leading to the lobby, Eric Ladd can check out who is ringing the doorbell after hours.

Friday night to Saturday morning is the most unpopular shift. "There is always some social activity, like the upcoming skating party, that one of us will have to miss," says Craig. "Also, at the crack of dawn the employees wanting to work Saturday begin to ring the buzzer—somebody comes along about once every 20 minutes. You learn to go back to sleep in a split second."

Roommate squabbles are kept to a minimum, even though the onebedroom apartment is cramped and there are always phone calls and doorbells for the on-duty assistant to attend to. Eric says that the on-duty assistant never disturbs his sleep, even though the phone rings in the bedroom, just a few feet from his pillow. "In fact," he says with a smile, "when you are aware of a ringing phone, a happy thought flashes through your mind that you aren't the one who has to answer it!" Bill says, "It's pretty much like a real home, except for the buzzer and the emergency line."

Well, not quite. Most student apartments lack inside jogging trails: the Board of Health, with its long hallways, is perfectly suited for jogging. Bill slips into shorts and tennies and literally has the run of the place on his

nights off. He is also an archery buff who finds that the corridors nicely accommodate target practice. The Board of Health auditorium is handy for frisbee tossing and tag football. Craig, a sky diver, uses the auditorium to pack his parachute. The students also have access to a closet roomy enough to store all of their extra stuff, including Bill's kayak.

Although the students don't often see Dr. Woodrow A. Myers, Indiana State Board of Health Commissioner, he knows them by name and speaks to them regularly on the phone. "He's impressive," says Bill. "He's always calling and asking us to run up to his office and get a telephone number from his Rolodex. Dr. Myers puts in a lot of extra hours."

All three agree that the work they do for the Board of Health and the flexible schedule is a dream come true for dental students. "Where else could I get free rent, a full-time salary, and be within walking distance from the dental school," says Eric. Those 14½-hour shifts are most welcomed during finals and at other exam times, when being confined to the apartment also makes the student a captive audience for his books.



"It's a practical, economical way to survive the cost of dental school," says Bill, who estimates that the arrangement has saved him roughly \$25,000 in 2½ years. When the on-duty assistant needs to do laboratory work at the school or at one of the dental fraternities across the street, he is permitted to hang a note on the front door of the Board of Health and still is able to respond immediately by wearing a beeper to catch the phone calls.

The only thing they'd change, if given the opportunity, would be to install an electronically controlled front door to the Board of Health building to cut down on the number of times they must hustle to let people in.

Bill, Eric, and Craig have enjoyed their setup at the Board of Health so much, in fact, that they are doing what they can to keep the positions "in the dental school family." Two thirdyear students, Todd Eder and Brad Houston, have already been lined up to replace the current crop after graduation in May. This summer Bill Hopkins heads for the University of Nebraska

Medical Center in Lincoln to enroll in a graduate program in endodontics; Eric Ladd begins a hospital-based program in pediatric dentistry in Dayton, Ohio; and Craig Stapleton returns to California to start a full-time practice in general dentistry.

"I see similarities between this job and one I had as a lifeguard," says Craig. "In both positions you spend most of your time sitting and watching. But during that 2% of the time when you're really needed, you more than earn your money."

Off-duty assistant Bill Hopkins takes advantage of the closed building to target practice in an empty hallway.



Donors' Gifts Help Maintain Top Rating

There's a long list of names on file at the dental school, growing longer as time goes by. Last year alone some 600 names were added, according to Mr. Danny R. Dean, director of development for the School. They represent newcomers joining the rank and file of IUSD's gift givers—friends and alumni committed to helping Indiana University School of Dentistry maintain its reputation as one of the finest dental schools in the country.

Donations to the School have risen dramatically in recent years. For example, a total of \$65,000 was contributed in 1984, compared to \$426,000 in 1987. Now in his second year as director of development, Danny credits Dr. H. William Gilmore, dean of Indiana University School of Dentistry, for progress made thus far. "Dr. Gilmore has a clearly focused, long-range vision for the School," Danny says, "and he places a priority on developing ties with individuals and organizations having an interest in the School and its activities. Our alumni, as well as many others with connections to the School, have responded generously."

Throughout the building there are signs of improvements made possible in 1987 with the much needed contributions:

- Major remodeling of the patient admissions and assignment area in the Department of Dental Diagnostic Sciences (where patients form their first impressions of the School), was completed last summer, thanks to Dr. James W. Huckelberry (Indiana Dental College '24), of Indianapolis, and his wife, Ama.
- Fiberoptic handpieces were installed in half of the main clinic in the Department of Operative Dentistry.
 How does that make Dr. Michael A.

Cochran, director of the operative dentistry clinic, feel? "Elated!" he says. "And the student response has been excellent. The fiberoptic handpieces are going to make a tremendous difference in our clinic."

- Dr. Arob Watanavicharn Ridge (MSD '65), of Bangkok, Thailand, donated enough money to cover the cost of a new dental unit for the graduate clinic in prosthodontics.
- The A. Rebekah Fisk memorial scholarship fund was doubled, enabling more students to receive larger awards.
- Contributions from family, friends, and colleagues of Dr. Harvey G. Levinson, a graduate of the Class of 1960 who died in 1986, have made possible the formation of the Harvey G. Levinson Memorial Scholarship Fund. The fund was created by Dr. Levinson's uncle, Dr. Irving S. Newmark (Class of '45), of Tarzana, California; and his brother, Mr. Steven N. Levinson, of Studio City, California. Fourth year student Barbara N. McElhiney was selected this year as the first award recipient.
- The patient admissions area in orthodontics is being remodeled, thanks to the generous efforts of Dr. Peter H. Leonard ('63), of Columbus, Indiana, and Dr. Eugene L. Dellinger ('63, MSD '65), of Fort Wayne.
- Funds have been-provided by Mrs.
 Angela Furnas, wife of the late Dr.
 I. Lester Furnas (Indiana Dental College '10), for major advances in research and development in the Department of Prosthodontics.

Danny Dean is most pleased with accomplishments made this year, and he looks forward to involving more alumni in the development process. Much work remains to be done. Danny

has his sights set on raising enough money in the months ahead to cover items still on the IUSD "Wish" list, including:

- 20 additional fiberoptic handpieces so that all units in operative dentistry can be equipped;
- expansion of the School cafeteria to accommodate the entire student body, including the first year students who permanently moved over to the dental school from the medical science building last fall;
- remodeling of the patient admissions area in the Department of Prosthodontics;
- refurbishing of the hallways on the first and second floors of the oldest part of the building.

Also welcome, of course, are unrestricted donations that allow the School to apply the funds where most needed.

To the hundreds of alumni and friends of the School who provide ongoing support of dental education in Indiana with their personal contributions, Danny expresses sincere thanks and appreciation. To those alumni whose names have not yet appeared on the growing list of donors, he says: "Please let me know what we can do to get *you* on board. Your help is needed!"

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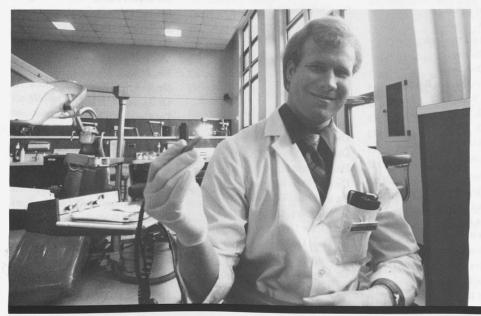
The gift of a quality education is one of the most precious you can make.



A new face in the development office. Mrs. Joyce E. Stafford is at her post and ready for the day ahead. She came on board as assistant to Director of Development Danny R. Dean last June, after former assistant Mrs. Felicia Young moved to Gary. Although new to the development office, Mrs. Stafford has been employed at the dental school since 1983. In her new role she keeps track of the School's growing list of supporters, as well as more than 100 funds created for dental school donations.



Mr. Danny R. Dean and Mrs. Stafford talking business in their office on the second floor of the dental school



Donations help 'light the way' for students of dentistry. Third year student Bruce G. Bales shows off one of the new fiberoptic handpieces recently installed in the operative dentistry clinic, thanks to the generosity of dental school contributors.

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The Development Office has once again provided a roster of the names of individuals and organizations contributing to three important funds of the School. IUSD faculty, students, and staff join Dean Gilmore and Danny in extending a hearty 'Thank You' to those who help IU maintain top quality educational programs in dentistry.

(Any omissions or errors should be reported to Danny Dean by writing to him at the School or by calling 317/274-3246.)

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Dr. David A. Bleeke

Dr. Harold W. Bohnke

Dr. Wilber C. Boren

Dr. W. C. Boren, Sr.

Dr. Ronald K. Bowman

Dr. Arnold Braun

Dr. Ralph E. Brennan

Dr. Fred A. Cantrell

Dr. Jack D. Carr Memorial

Dr. Arden G. Christen

Dr. John P. Click

Dr. Charles D. Coburn

Dr. Virginia Crose

Dr. James R. Davis, II

Dr. W. Bailey Davis

Dr. William P. Detroy

Dr. Thomas V. Doty

Dr. Wilson C. Dver

Dr. Jack L. Engleman

Dr. Bruce C. Fields

Dr. and Mrs. George A. Fisher

Dr. Joe E. Forgey

Dr. Gerald E. French

Dr. LaForrest D. Garner

Dr. Robert L. Gayle

Dr. Dale A. Giesting

Dr. W. C. Gillig

Dr. and Mrs. Charles W. Gish

Dr. John C. Glueckert

Dr. Wesley C. Good

Dr. Robert G. Green

Dr. Donald A. Greiner

Dr. Ronald Hauswald

Dr. Michael J. Hayduk

Dr. Gene F. Hedrick

Dr. Jane L. Heyde

Dr. Jerry R. Hickman

Dr. Robert B. Hirschman

Dr. T. B. Hodus

Dr. Michael L. Iczkovitz

Dr. and Mrs. Gerry L. Kaufman

Dr. and Mrs. Charles E. Kem

Dr. and Mrs. David A. Kirchoff

Dr. Roy L. Kixmiller

Dr. John E. Klooster

Dr. D. P. LaCount

Dr. Jeffry E. Landrum

Dr. E. E. Laskowski

Dr. David M. Latz

Dr. William I. Lawrance

Dr. Harrison Lawyer

Dr. Martin A. Linderman

Dr. W. Randall Long

Dr. W. Lush

Dr. Mark E. Mallatt

Dr. David N. Matthews

Dr. John J. Meier

Dr. Cynthia L. Molenda

Dr. Robert A. Moon

Dr. James E. Morse

Dr. Robert E. Murer

Dr. Brent E. Mutton

Dr. and Mrs. Richard N. Myers

Dr. August M. Natalie

Dr. Sybil S. Niemann

Dr. Clarence P. Obery

Dr. Abraham J. Ochstein

Dr. and Mrs. William E. Peet

Dr. F. Wesley Peik

Dr. John R. Pell

Dr. David M. Phillips

Dr. and Mrs. Lloyd J. Phillips

Dr. Philip G. Polus

Dr. Jack L. Portzline

Dr. James C. Potts Dr. Thomas E. Quill, Jr.

Dr. John A. Rahe

Dr. Douglas F. Reed Dr. Robert F. Rimstidt

Dr. John R. Risch

Dr. Fred E. Robbins

Dr. William Z. Roper

Dr. William I. Rudolph Dr. Ralph G. Schimmele

Dr. William G. Schmidt

Dr. Robin D. Sheets

Dr. and Mrs. Robert

Shellenberger Dr. Fred H. Simmons, Jr.

Dr. James L. Sims, Jr.

Dr. and Mrs. Charles E. Smith

Dr. Glenn N. Smith

Dr. Jean W. Spear Southeastern Indiana Dental

Society

Dr. Donn H. Spilman Dr. and Mrs. Kenneth J.

Spolnick

Dr. Mark R. Stetzel

Dr. and Mrs. Robert M. Stetzel Dr. Eldred A. Stout

Dr. Lynn R. Thomas

Dr. Jackson Todd

Dr. Charles E. Tomich

Dr. Roger L. Trueblood

Dr. Mark D. Turner Dr. Samuel Lynn Vance

Dr. C. Richard Walker

Dr. John B. Wittgen

Dr. David P. Walters

Dr. Marion E. Warpenburg Dr. Howard W. Wiesjahn, II

Alumnus Close-Up

Dr. Harry G. Frank Class of 1975

He first fell under their spell as a kid in 1959. And since then the Chicago Cubs have lost none of their magic for Dr. Harry Frank, a 38-year-old endodontist living in Valparaiso, Indiana. Harry is a 1975 graduate of Indiana University who completed a graduate endodontics program at the University of Illinois in 1979. He practices with Drs. Hank Feinberg ('68) and Dan Kozlowski ('68) in Munster and Merrillville.

When Harry had a chance to sign up for a Cubs baseball fantasy camp, he jumped at it as any fan would who had whiled away many happy afternoons rooting for the Cubs in front of the television or, on occasion, in the grandstand at time-honored Wrigley Field.

In January of 1985 Harry
Frank and 54 other baseball enthusiasts
boarded planes for Mesa, Arizona,
taking their devotion to the Cubs ball
team one step further than most fans.
Each paid \$2,700 for a dream-cometrue at Fitch Park, official spring training camp for the Cubs. There they were
treated like Cubs rookies for a week by
coaches that included former stars such
as Ron Santo and Fergie Jenkins, and
baseball legend Ernie Banks.

...one rookie got a little too big for his Cubs britches, bragging about his intention of striking out Ron Santo.

Fantasy camp attracted rookies of all shapes and sizes, ranging in age from 30 to 63. There were physicians,

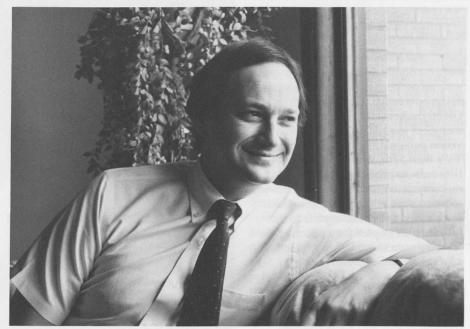


Photo by Susan Crum

attorneys, stockbrokers, a retired advertising executive and toy manufacturer, businessmen and a few millionaires with an interest in gleaning first-hand baseball tips from the coaches, most of whom had played on the almost-champion 1969 team under the management of Leo Durocher.

Harry came to camp long on spunk but short on experience. After a brief career as a Little League first baseman while he was growing up in Gary, Harry didn't pick up another bat until he joined a Valparaiso softball team some 20 years later. "The more I studied baseball on television," says Harry, who admits to tuning in to about 150 games each season, "the more I realized that I could have been a better player as a kid if I had been a student of the game back then. When I got into softball for a couple of summers, I worked out some of the kinks and managed to crack the starting line up. I wasn't Babe Ruth, but I did OK.'

The week in Mesa started Sunday night, when former Cubs catcher Randy Hundley, who has been running the camp since 1984, laid down the rules, threatening to "fine the fanny" of any rule breaker. Campers and coaches lodged in a hotel and were shuttled to the nearby ball park every morning at 10.

Cubs road uniforms were waiting for each player in his very own locker at Fitch Park. (Harry's locker was beside Hoyt Wilhelm's, a Hall of Fame pitcher known for his knuckleball.) "It felt good putting the uniform on—just seeing it hanging in the locker," Harry recalls wistfully. "You began to get into the dream that maybe you really were a ball player." Instruction began with the proper way of suiting up. There's a certain method, for instance, of keeping the socks up. "You don't want to run around the field looking like Sad Sack, with your socks underneath your heels," Harry warns. "After pulling the

leggings to the knee, you take the slack and twist it."

On Monday morning the players were randomly divided into six teams, with no concern for age or ability, and assigned a coach. Harry's coach was Glenn Beckert and among his team members were a cardiologist and a television personality, Bob Sirott, now of TV's West 57th, who was there with a film crew to produce a television special on camp activities. Pouches of chewing tobacco were available for any rookie determined to live fantasy life to the fullest. Harry opted for a pouch of chewing gum shredded up to resemble a "chaw."

After warming up with a few minutes of "cals" each morning, players rotated through a series of training stations: basics and game strategy, throwing, running, hitting, catching. "You got as much one-on-one help as you wanted," Harry says. "They taught us everything except sliding, and the coaches were nice. They never came down on you like a high school coach. They babied us a bit, and just laughed when we did something stupid."

Coach Fergie Jenkins, who had retired as a player just a year earlier, drilled his team the hardest, and his group performed the best. One intrasquad practice game was played each day, and teams that weren't doing well traded players. (Harry reports that no one was traded on his team.) Rookies picked the playing position of their choice, and Harry preferred the outfield.

In the beginning Harry was playing well. "I think I got a lot of hits because they were playing me deep, respecting my power," he says in retrospect. "Little did they know that I don't

Harry's most nervewracking moment came when he entered the batter's box, with Fergie Jenkins staring down from the pitcher's mound.

have any power, so I was blooping a lot of them in."

Players hustled off the field at 3 pm and into the locker room for chili and sandwiches, then on to the jacuzzi to nurse their aches and pains. Dirty uniforms dumped on the floor each afternoon would be hanging in the lockers freshly laundered the following morning, just as it's done in big league camp.

Instead of abandoning the rookies after practice each day, the celebrity coaches joined them in the hotel lounge to tip a few and swap stories about the old days. "That was as much fun as the camp," Harry says. Gene "Jolly Ollie" Oliver ranked among the best story tellers. Talk often turned to Durocher. It was said that Glenn Beckert could do no wrong in Durocher's eyes—he was always Durocher's favorite kid on the team. Harry found Ron Santo and Fergie Jenkins the most personable and the easiest to kid around with.

"We got relaxed around the coaches," Harry says, "but we never lost our awe of them. These men carry a romantic past with them—they've rubbed shoulders with some of the greatest players in history. They've done things and been places that have made

the entire country aware of them." Only one rookie got a little too big for his Cubs britches, bragging about his 85 mph pitch and his intention of striking out Ron Santo. His spouting off earned him the label of "ratchet jaw" from the coaches, and a loss of respect from the rookies.

Minor injuries were common among the rookies, and Harry logged his fair share of visits to the training table (trainers from the California Angels living in the area helped out). Tuesday proved to be especially ill fated for the Indiana dentist. He pulled muscles in his right leg while running after a ball and then jammed his hand badly by catching one off the handle when he was at bat. With the upcoming game against the coaches in mind—not to mention the following week's office schedule of root canal appointments—Harry sat out one half day of practice to recover.

"I went out to Arizona in good shape," he explains, "but I hadn't run any fast speeds. I intended for the first few days to run at 60-70% speed and get used to the pace. As soon as I hit the ball, however, the old competitiveness came back and I just started running. Then, before you know it, you've pulled your groin, your hamstring, your thigh, and you're running at 40-50%. I bowed out Wednesday so that I could play in the final game."

Saturday's game at Hohokam Park between rookies and coaches was talked up quite a bit during the week, keeping the rookies on their toes and the adrenalin pumping. When the day arrived it was raining, but that didn't stop a couple of hundred spectators from paying \$2 each to watch the rookies take on the big boys.

Harry's most nerve-wracking moment came when he entered the bat-



Dressed for his Diamond Dream. Dr. Harry Frank wore his Chicago Cubs uniform during Fantasy Baseball Camp he attended in Mesa, Arizona.

ter's box, with Fergie Jenkins staring down from the pitcher's mound. "When he threw the ball, it seemed to be coming at me about 80 mph," Harry recalls with a laugh. "But when I looked at the game on film later, I saw that he was just lobbing the ball!" Harry struck outand he had plenty of company. "When we were at bat and Hundley was pitching, he even whispered to us what kind of pitch to expect—sliders, fastballs, and so forth. But we didn't believe him. He was trying to help and we thought he was pulling the wool over our eyes. As the game got going, Hundley's arm loosened up and he started throwing some real heaters down the pipe."

The rookies went down in defeat, 11-7. "The coaches weren't trying to murder us," Harry says. "They just murdered us by virtue of being fantastic athletes. Toward the end of the game they put all 55 of us in the field."

As a goodwill gesture, the coaches threw a banquet for the rookies Saturday night, complete with awards. Among the mementos Harry brought back to Indiana was a baseball autographed by all of the coaches, along with a phony million dollar contract to play ball for the Cubs. He also got to keep his uniform, which now lies tucked away in a drawer at home.

Looking back, Harry says that fantasy baseball camp was worth every penny and he plans to sign up again in '89. He also found the experience humbling. "It was great to get away from subzero temperatures to play a kids' game, but I didn't become a baseball man in that week. I realize that I don't know enough to coach even a Little League team. It's not as easy as it looks and the life of a major leaguer isn't always so great—there's usually somebody out there trying to take your job. Besides," Harry adds like someone who has been there before, "you can get hurt out there!"

Student Sketches

Mary E. Fortress

Dental Hygiene Class of 1988

"Make every minute of the day count."

By sticking to that rule, Mary Fortress has managed to juggle the full-time roles of wife, mother of three small children, and student of dental hygiene at the Indiana University School of Dentistry. She modestly credits her supportive family for achievements made thus far.

The fourth of five children born to William and Sarah Clements, Mary moved from Beech Grove to Atlanta, Georgia, after graduating from high school. Two years later she came back to Indianapolis, having completed a dental assisting program, and was hired by Dr. Harold A. Smith ('67) in 1974.

In 1976 one of Mary's girlfriends matched her up with Larry Fortress ('80), then a first year dental student. "She thought we would have a lot in common," Mary says. (They did. Today, after eight years of marriage, the many "things" they have in common include their children: Matthew, 5; Michael, 3; and Shelby, 11 months.)

After Larry graduated from dental school he associated with Dr. Smith. In 1982 the Fortresses renovated a small house on the south side of town and opened a family practice there. Also at this time their first son was born. Mary decided to pursue a degree in dental hygiene, and while she was enrolling in prerequisite classes on the IUPUI campus, another son came along. "I like stress!" she jokes.

Mary was accepted into the hygiene program in the fall of '86. One week before the program began she found out that baby number *three* was on the way. Daughter Shelby was born two days before final examinations started at the end of Mary's first year. "Finals week was a little crazy," she admits with a laugh. "But I didn't get behind. I studied with Shelby on the bed with me at night. The two tests I missed were taken a week later." Mary

gave thumbs-down to the option of sitting out that semester. "I wasn't willing to wait another year to repeat spring semester. I wanted to graduate with my classmates."

Despite her label as the oldest member of the class and her longtime involvement in dentistry, Mary considers herself a mainstream class participant and cherishes her friendships with other students. "My good friend Lori Boyd makes studying fun," Mary says. "The night before a test there is always a flurry of calls between our houses."

Mary is well satisfied with the training she has received at Indiana University, especially in the basic sciences, and feels well prepared to tackle the job ahead. "Once a dental school patient who was a chemistry major started asking me questions about bonding techniques," Mary recalls. "I was able to converse with him on the topic and felt very qualified in responding."

Now in her final semester, Mary finds that the light at the end of the tunnel brings with it some sobering thoughts. She's beginning to feel the weight of responsibility that she will bear as a dental professional providing care for patients. "At the school we've always had specialists like oral pathologists and periodontists available for their opinions at a moment's notice," she says. "I'll miss that."

What Mary does have as she heads into her profession includes a fine academic record (she made the Dean's List with A's in all subjects last semester), enthusiasm and self-motivation. "I enjoy feeling as if I've given a patient everything I have from my background—my dental knowledge and experience."

In the last two years Mary has helped out periodically in Larry's practice, substituting and interviewing job applicants, but she looks forward to returning to the office as a dental hygienist. "I like the idea of having my own patients, educating them, and developing that one-on-one relationship," she says.

Mary finds great comfort in coming home each night to her husband and children, where a completely different reality sets in. "It's like, 'We don't care that you blew your quiz, Mom.



mean Crum

What's for dinner?" Mary explains.
"Outside worries are forgotten as you focus your attention on the children.
Larry and I couldn't get through the day without those hugs."

After graduation Mary will work part-time so that more time can be devoted to the family. (Her mother has been caring for the children in the day-time since Mary entered the hygiene program.) "After the children are in school, I'd like to look into other areas that interest me—maybe psychology, or art." She has no plans to abandon dentistry. "There are other things I want to accomplish, but I always hope to be involved in the dental profession."

The Fortress family: Mary and Larry with Shelby (in Mary's lap), Michael and Matthew.



Postdoctoral Profile



Larry D. Roberts HOMETOWN: Elkhart, Indiana

DENTAL DEGREE and CERTIFICATE: DDS, Indiana University, 1973 Certificate in Orthodontics Indiana University 1981

POSTGRADUATE PROGRAM AT INDIANA UNIVERSITY: Orthodontics, with minor in Speech Pathology

THESIS.

The Use of an Adhesion Promoter in the Bonding of Orthodontic Brackets

DEGREE:

MSD February 1988

PLANS AFTER GRADUATION: Continues to practice orthodontics in Elkhart

Susan Crum

Notes from the Dean's Desk

Today, plans for the future are proceeding in high gear in all units of Indiana University, including the School of Dentistry. Early in the new year the IUSD Long-Range Planning Committee, composed of 15 representatives of the faculty and professional staff, met for an intensive three-day conference to study our many programs throughout the School. The Committee, chaired by Dr. George K. Stookey, was charged with finding ways to consolidate programs, increase efficiency in teaching, and improve patient services.

As a result of this meeting, several departmental moves were recommended to provide increased unity among the various divisions of the predoctoral program. To achieve this goal, a centralized location for periodontics in relation to the other clinics is needed. Plans are now in the works to move periodontics and the complete denture division of prosthodontics from the fourth floor to the third floor, where endodontics, operative dentistry, and fixed and removable partial prosthodontics are housed. Periodontal surgery will remain on the fourth floor and the dental hygiene program will move upstairs from its current thirdfloor location. Plans also call for the creation of a centralized, computerassisted system for appointment scheduling and patient recall. In general, these changes, as recommended by the Long-Range Planning Committee, will enable the School of Dentistry to focus on comprehensive patient care in a way that will also increase productivity of both faculty and students.

It is anticipated that reorganization of the departments can be completed during the 1988 summer months. Every department will be involved in some way. Congratulations are extended to the members of the Long-

Range Planning Committee for their cooperative spirit, for their insight, and especially for their innovative ideas that will lead us in the months ahead to better utilization of our resources and facilities. With these changes our School will be well prepared to face new trends in dental education and patient care in the 1990s.

The Commission on Dental Accreditation has announced some changes in the way the nation's dental schools will be accredited. The new plan is to determine outcomes of academic programs—to actually measure in specific ways what students have learned. The IUSD Teaching Committee is considering organizing a faculty workshop to assist all course directors in measuring the terminal behavior of students. Alumni surveys will also be devised to measure the contributions of our graduates in their practices, careers and community activities. The next accreditation visit to Indiana University by the Commission comes in 1993.

At our school there is a major effort under way to increase research by the faculty. Dr. George K. Stookey, associate dean for research, and the IUSD Research Committee are working with department research coordinators to plan projects, write protocols, and locate sources for funding. In the last eight months grant proposals totaling \$6.5 million have been submitted, and projects totaling \$1.8 have been funded thus far. Recent remodeling of the clinical area in the Oral Health Research Institute will facilitate research activities in that building, where a number of clinical studies are in progress. Funds have also been obtained to renovate laboratory facilities in the dental school's department of dental materials. A school-wide commitment to research will not only provide numerous benefits

for the faculty, it will also ensure that Indiana University's place among the top-rated dental schools in the world is a permanent one.

As Dean I find it rewarding to prepare for the future with a faculty and staff of the caliber we have here at Indiana University. Everyone's help is needed as we make a team effort to accomplish our goals.

Finally, I am pleased to report that Mrs. Louise Griswold, of Richmond, Indiana, who is the widow of Dr. Joseph E. Griswold, a 1924 graduate of the Indiana Dental College, has kindly donated a number of early textbooks and papers from her husband's collection for placement in the School's archives. Of special interest is the 1924 IDENT student yearbook. I found it refreshing to read about the 84 members of the Class of '24—students such as Dr. Griswold, his identical twin, Richard, Dr. James Huckelberry, and many other fine people who went on to serve the dental profession in a variety of ways. The yearbook reports that dental education in those days was provided by Dean Frederic R. Henshaw and 38 faculty members-my, how times have changed! The yearbook is a delight, and it would be a challenge to any modernday dental class to top the content and production quality of this fine publication. We are grateful to Mrs. Griswold for sharing this book and other historical items with the School.

Dr. H. William Gilmore

IUSD Alumni Association Welcomes New Board Members



Susan Crum

The new University Conference Center on the IUPUI campus was the site for the Winter meeting of the Board of Directors of the Indiana University School of Dentistry Alumni Association on February 7, 1988. Newly elected president Robert N. Modlin (DDS '59) officiated during the meeting, which included ex-officio members representing the dental school and the Alumni Association. Board members for 1987-1988, in addition to Dr. Modlin, are:

Dr. Lester Tweedle (DDS '60), president-elect

Dr. Patricia Clark (DDS '80), vice president

Mrs. Karen Masbaum Yoder (MSD '83), secretary-treasurer

Dr. James D. Frey (DDS '62), executive council representative

Directors:

1985-1988

Dr. John Backmeyer (DDS '67)

Dr. Richard D. Ellsworth (DDS '73)

Dr. James E. Jerger (DDS '61)

Dr. Richard L. Lasbury (DDS '65)

Dr. James E. Morse (DDS '81)

1986-1989

Dr. Kenneth Hyde (DDS '75)

Dr. Jeffry Landrum (DDS '64)

Dr. Kenneth Miller (DDS '58)

Dr. Bruce Raibley (DDS '73)

Dr. Hollis Sears (DDS '53)

Mrs. Carolee Seith (ASDH '84)

New members of the Board of Directors gather for a photo in the University Conference Center. They are, from left: Dr. John A. Rahe, Aurora; Dr. Larry M. Kuhlenschmidt, Lyons; Dr. William I. Conrad, Anderson; Dr. David G. Bojrab, Fort Wayne; and Dr. Scot C. Mardis, Terre Haute. Not pictured is Dr. Stephen D. Beeker, Traverse City, Michigan.

1987-1990

Dr. Stephen D. Beeker (DDS '66)

Dr. David G. Bojrab (DDS '65)

Dr. William I. Conrad (DDS '53)

Dr. Larry M. Kuhlenschmidt (DDS '71)

Dr. Scot C. Mardis (DDS '82)

Dr. John A. Rahe (DDS '63)

DAE Around Indiana

South Bend Grad Recognized for Volunteer Work

After graduating from the dental hygiene program in May, 1987, Mrs. Loreena J. Storer, 744 W. Bristol B-35, Elkhart, Indiana 46514, spent the following summer and fall as an American Red Cross volunteer dental hygienist in Tongduchon, South Korea, where her husband was stationed in the U.S. Army. From June 24 to October 23, Loreena participated on a dental team at Camp Casey Dental Clinic, located two hours north of Seoul and 10 miles south of the North Korean border. She donated a total of 700 hours.

In recognition of her outstanding service as a dental hygienist, Loreena received certificates of appreciation from the 2nd Infantry Division; the 10th Medical Detachment headquarters; and the American Red Cross.

Nanci G. Yokom Supervisor of Dental Hygiene



Loreena Storer proudly displays an American Red Cross Certificate of Appreciation, presented to her by Ms. Emily Nord, Red Cross station manager at Camp Casey, Tongduchon, Korea. With them are Loreena's husband, Raymond W. Storer (left) and Jack B. Farris, Jr., Major General, USA, Commanding. Loreena's husband is now stationed at Fort Knox, Kentucky.



Capping Ceremony at IPFW

Spring semester began at Indiana University-Purdue University at Fort Wayne with the 24th Dental Hygiene Capping Ceremony, held on Sunday, January 10, in the Neff Recital Hall. Despite the chilly weather, approximately 200 people attended the ceremony to honor 19 first year dental hygiene students. Those attending

First year dental hygiene student Diane Alexander is capped by Miss Elise Corbin, Diane's 'Big Sis' in the second year class, as Dr. Joanne Lantz, IPFW assistant vice-chancellor, and Dr. Peter Zonakis, IPFW director of dental auxiliary education, look on. included friends and family members of the dental hygiene students, members of the IPFW faculty and staff, dental assisting students, and members of the Isaac Knapp Dental Hygienists' Association.

Featured speaker was Dr. Joanne Lantz, IPFW assistant vice-chancellor. Her charge to the dental hygiene students was entertaining, yet very meaningful.

The highlight of the ceremony was the capping of each student by her 'Big Sis' from the second year class.

CONGRATULATIONS TO THE CLASS OF 1989!

Elaine S. Foley Supervisor of Dental Hygiene

With the Classes...

Dr. Avery Reports on Visit with Alumni in Rio Grande do Sul

Seminars, symposia, and tours of dental schools were just part of what was on tap for Dr. David R. Avery, professor and chairman of pediatric dentistry at Indiana University, and his daughter, Lisa, when they flew to Rio Grande do Sul, Brazil, last fall. At the request of the *Alumni Bulletin*, Dr. Avery offers the following account of their whirlwind trip to South America:

My daughter, Lisa, and I were privileged to spend 10 days in Rio Grande do Sul, Brazil, last October. My airfare was provided by the Partners of the Americas, an organization that sponsors constructive projects (agricultural, educational, health-related, etc.) between groups in North America and Latin America, including Central and South America and some Caribbean Islands. The projects are usually undertaken by local chapters which comprise "sister states" and are funded by the central organization. For example, Indiana and Rio Grande do Sul are sister states, and the Partners of the Americas is a longtime supporter of education programs in pediatric dentistry between dentists from Indiana and Brazil (primarily dentists from the state of Rio Grande do Sul).

This opportunity was a culturally and educationally enriching experience for Lisa and me and, as you might expect, we were overwhelmed with Brazilian hospitality. Dr. Gilberto Hanke, director of International Programs in Dentistry for the Partners in the state capital of Porto Alegre, is also a 1968 graduate of the Indiana University master's program in prosthodontics. He graciously served as host, interpreter



A perfect host. IUSD alumnus Gilberto Hanke (MSD '68) and Ms. Lisa Avery, who accompanied her father on the trip to Rio Grande do Sul, take to the dance floor during one of the Brazilian social gatherings filled with entertainment and hospitality.

and coordinator of all our activities in Brazil. Gilberto teaches at Universidade Federal do Rio Grande do Sul and his wife, Rita, practices pediatric dentistry part-time in Porto Alegre. Rita spent a year at IU studying preventive and pediatric dentistry before marrying Gilberto and moving back to Brazil.

The special link between Indiana University School of Dentistry and dental schools in Rio Grande do Sul goes back about 30 years. Several IU faculty members have spent time teaching in Brazil and a number of Rio Grande do Sul dentists have received graduate training and have been afforded research opportunities at Indiana University. Most recently, professors and students from Pontificia Universidade Catolica in Porto Alegre visited Indiana University for 10 days to observe and study. Although they were not sponsored by the Partners, previous sister state activities influenced their decision to come here. Their host was

Dr. James R. Roche, IUSD associate dean for faculty affairs, and the visit included an extensive course presented by Dr. Carlos A. Munoz-Viveros, IUSD assistant professor of prosthodontics.

Educational and research efforts in pediatric dentistry between the sister states of Indiana and Rio Grande do Sul were initiated by Dr. Ralph E. McDonald, dean emeritus of Indiana University School of Dentistry and former chairman of the Department of Pediatric Dentistry. Dr. Paul E. Starkey, also a former chairman of pediatric dentistry, further strengthened the professional ties between our states in the late 1970s and eventually accepted a six-month teaching sabbatical at the Federal University.

It was rewarding for me to learn during my trip that, as a result of previous visits by Drs. McDonald and Starkey, at least one major achievement was made in Porto Alegre and other cities in Rio Grande do Sul. Both men



The trip to Brazil included tours of two dental schools. Dr. David Avery (center) is shown on the grounds of the Federal University of Rio Grande do Sul with daughter Lisa and Dr. Hanke, who teaches there.

had emphasized to Brazilian dentists and public health officials that significant oral health benefits could be obtained by fluoridating communal water supplies. The Brazilian officials expressed interest in knowing more about water fluoridation. Dr. Charles W. Gish, then director of the division of dental health of the Indiana State Board of Health and a well known fluoridation expert, sent them the appropriate information. As a result of these exchanges, the public water supplies of Porto Alegre and other cities in Rio Grande do Sul were fluoridated. Water fluoridation is the least expensive and most effective method known for preventing tooth decay. It has undoubtedly benefited many Brazilian children.

During my stay in Brazil I toured the Federal and Catholic universities in Porto Alegre, where I met the deans and many faculty members and students. A previous exchange project (sponsored by the Partners) between Indiana University School of Dentistry and the Federal University of Rio Grande do Sul had resulted in the acquisition and installation of a television teaching facility at the Federal University dental school. During my visit to the school I was able to see the facility being used by students for instruction. I also participated in a series of seminars, lectures, and symposia conducted at both dental schools and in a five-day meeting held in the mountain resort city of Gramado.

Meetings were exceptionally well attended by dentists from many parts of Brazil. At Gramado, 100 dentists were expected to attend the continuing education courses—but 250 registered! A larger auditorium outside the meeting hotel was arranged on short notice to accommodate the group.

A couple of days were spent sightseeing. We especially admired the Brazilian leather goods; knitted sweaters, shawls and blankets; and chocolate. Evenings were reserved for social and cultural festivities. Brazilian charm and hospitality were in high gear throughout our trip. In addition to having a wonderful visit with Gilberto and Rita Hanke, we got reacquainted with many old friends, including some of IU's former students and visitors: Dr. Rogerio Gleiser (MSD '78 pediatric dentistry) and his wife, Sonia, from Rio de Janeiro; Dr. Roberto Vianna (MSD '71 pediatric dentistry), Rio de Janeiro; Dr. Elizabeth Vieira (MSD '80 periodontics), Porto Alegre; and Dr. Sergio G. Petersen, who spent several weeks as a visiting scientist at IU in 1987, and his wife, Sonia, of Rio de Janeiro. Of course, many new friends were made along the way.

It seems that most after-hours activities centered around dancing and food. Lisa and I took part in "German and Italian night," held in the city of Gramado. We also participated in a tra-

ditional "Churrasco"—a huge Bar-B-Que typical of southern Brazil's cattle country. These events were most enlightening and very pleasant for us. We acquired a deeper appreciation for the beauty and cultural heritage of this part of the world.

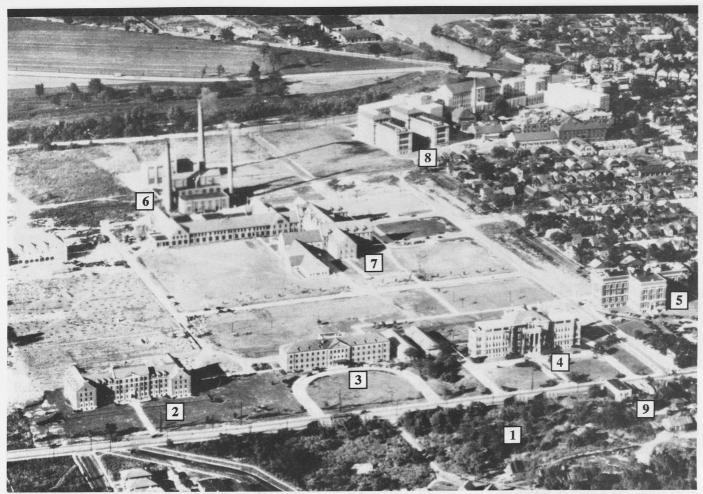
Lisa, an IU senior majoring in fashion merchandising, had a great vacation but also managed to write a report about fashion retailing in Brazil for one of her courses. I returned from Brazil with renewed enthusiasm for planning similar programs in the future. We are both proud to have been a part of this very worthwhile exchange between Indiana and Rio Grande do Sul.

Ex-Fulbright Scholar Honored in Japan

Dr. Ralph W. Phillips, research professor of dental materials, reports that Dr. Takao Fusayama, a former Fulbright Scholar who studied with Dr. Phillips at Indiana University some years ago, has been appointed to the Japan Academy by the Japanese government. The Academy honors the most distinguished scientific researchers in Japan and membership is for life. Dr. Fusayama, professor emeritus of Tokyo Medical and Dental University, is believed to be the first individual to be recognized by top scientists in Japan for distinguished research in dentistry. Dr. Fusayama's appointment is the result of his 20-year research effort in the area of carious dentin. Dr. Fusayama has been a pioneer in the development of composite resins capable of adhering to enamel and dentin.

New Diplomates

Six former students of the Indiana University School of Dentistry recently became diplomates of the American Board of Pediatric Dentistry. They are: Dr. Robert J. Dickson (DDS '80), of Carmel, Indiana, who received his pediatric dentistry training at the University of Nebraska at Omaha; Dr. James A. Weddell (DDS '77, MSD '80), Indianapolis; Dr. James A. Carey (certificate in pediatric dentistry '74), Tallahassee, Florida; Dr. Keith L. Ray (certificate '81), Louisville, Kentucky; Dr. Philip C. Walter (DDS '72, certificate '74), Aurora, Colorado; and Dr. Wavel Wells (certificate '76), Lawton, Oklahoma.



From days gone by. In a recent letter to Associate Dean Robert L. Bogan, Dr. Walter C. Brown, II (Class of '73), 2714 Rockford Lane, Kokomo, Indiana 46902, included some photographs of the IU Medical Center taken more than a half century ago. They were given to Dr. Brown by one of his dental patients, who was a nursing student when the photos were taken. The aerial view (circa 1930) shows the med center when the site for the dental school (#1) was still filled with trees! The School was still located at Pennsylvania and Walnut in those days. Other campus facilities pictured are Ball Residence (#2); Coleman Hospital (#3), now known as Coleman Hall; Robert Long Hospital (#4); Emerson Hall (#5), formerly the School of Medicine; the Physical Plant (#6); Riley Hospital (#7); and General Hospital (#8), now Wishard Memorial Hospital. Not to be overlooked is the tiny building (#9) in the right-hand corner, the old College Inn, where Bea Gordon served up many a hot lunch for dental students and faculty, among her other customers, for more than four decades. The College Inn went out of business in 1974 and the building was torn down shortly thereafter. In the other photo (circa 1933), the dental school nears completion.



Student Life in the Twenties Remembered by Harold Dimmich

There were 76 of us in the graduating Class of 1926 and about the same number when we first started as Freshmen in dental school in September of 1922. There were a few drop-outs after the first two or three years but we compensated for that as we picked up several admissions during those years.

I recall that we were a motley outfit as we started showing up on the first day of school. Hardly anybody knew anybody else, but after the first class roll call, it didn't take long for us to sort out who was who! We represented a real cross section of life and all shared one goal: to become a dentist!

There were very few newly graduated high school students in our class. A few had been to college for one or more years. There were ex-farm boys, factory workers, business men, leftovers from World War I, a barber, two highly ranked musicians, a native of Hawaii, rail-road workers, ex-druggists, and a few who were "just going to college" to see if they liked dentistry. But on the whole, most all of us knew where we were going and what for.

Nobody had a car, a few were married, no fancy clothes or evidence of an affluent background. A very few were dressed in attractive clothesthose were the ones who could depend on a substantial check from home regularly! Some were there because they had saved money from employment the past year or two. The ex-World War I members had it the easiest—a regular check each month from the government, so they had no worries. Some had borrowed money but the rest had hardly a dime in their pockets or knew where the next dime was coming from. They were the ones who had to support themselves with jobs outside of school hours, picking up a stray dollar in a variety of occupations. Restaurant or "hash-slinging" jobs meant regular meals.

One senior put himself through his last year boot-legging. There was work of all kinds: firing furnaces for room rent, soliciting dry cleaning, working in a check-room or down town in stores at busy times (none paid big money). We know of one student who was a waiter—he ran about \$4.00 a week in 10¢ tips, plus meals.

Luckier students might get a small check from back home on rare occasions. If you were working for your meals in a restaurant, you were limited to the usual daily specials—no pie, no T-bone steaks, and none of the better quality food. Greek restaurants were predominant, but there were only a very few "quality" places where you could work. Food had to be a priority! One member of the class who was more observant than some had a job in a fairly good place and became assistant manager to the owner. It was his business to step in and run the place for many hours at a time when the owner occasionally got involved in long poker games. That student always had the best meals of all of us!

Short's Coffee Shop was a quality eating place. The top price on a meal was 50¢ and if there was a tip, it was 10¢! There were Blacker's Chili Parlors, and on North Pennsylvania was the Y.W.C.A. residence for over 100 girls. The boys liked that job! The pay was \$4.00 a week, no tips and you had to wash the dishes. But, there were girls!

In our second year a professor named us "The Singing Sophomores." Before each lecture or class, while students filtered in to take their seats, we took advantage of these few quiet minutes to break into song, always led by the late Herb Mason. He had a fine voice, was an out-going personality and loved to lead us in song (after we first shouted "No beer-No work!" a few times). Our favorite songs were,

"Church in the Wildwood," "Hail!
Hail, the Gangs All Here," "Down by
the Old Mill Stream," "Wabash Blues,"
"Dan, Dan, the Lavatory Man,"
"Twenty-nine Beer Bottles," and others, comparable to the following:

Just an old beer bottle, Floating o'er the foam. Just an old beer bottle-Many miles from home. And inside this old beer bottle Was a note with this thereon: 'Whoever finds this old beer bottle-Finds the beer all gone.'

Sixty some young men in a room, whooping it up with songs like that, was something to remember!

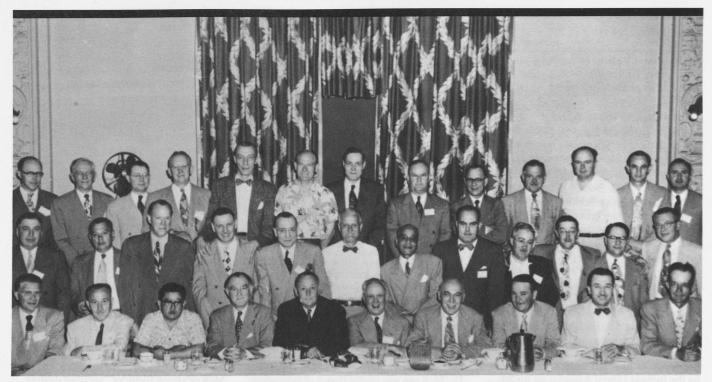
As with any class, there had to be leaders, and Lloyd Abel, who started the roll call, was a good one for that job. He had a rare, caustic, yet harmless sense of humor and he spared nobody. He loved to "get something" on somebody and then, at their expense, "expose" the victim to the rest of the class, or anybody else! He would insult you to your face, and you would laugh back at him—you knew he was not serious, only up to some hi-jinks!

There was Fred Baker, an older business-type of individual whose opinions were respected on most anything and we usually accepted his decisions.

Another was Howard Maesaka, fresh out of Hawaii. He may have been a bit suspicious of American ways and being accepted by his classmates, but the very first roll call, when his name was mispronounced by a teacher as "Mysocks", the ensuing roars of laughter settled matters. From then on he was one of the more popular members of the class, with a rare sense of humor and tolerance.

Another was Paul McNabb, who successfully engineered a Christmas party on behalf of the class for Indianapolis poor children at a downtown theatre. McNabb also handled all arrangements for our very first class reunion dinner and party, attended by 99% of the class, at the Antlers Club in May of 1927.

Another was "Sticky-wax" (Clifford) Simon who got his name after being approached by a classmate who wanted to borrow some sticky-wax. Simon's answer was, "Go out and buy your *own*—same as I did." He never lived that down!



Reunion time for the Class of '26. Dr. Dimmich has sent along a photo taken of class members during their 25-year get together at the old Claypool Hotel in Indianapolis. He has identified the group as follows: First row, from left: George Crouse, Alva Humphreys, Howard Maesaka, William Duncan, Harvey Swisher, Harry Rogers, Ben Berger, Kemper Hur, Norman Enmeier, and Arthur Witte. Second row: Herbert Mason, William T. Smith, Walter

Denaut, Anton Gerster, Ned Thompson, Lloyd Abel, Charles Logan, Charlie Newman, Perry Staley, Kesler Truelove, Gorman McKean, and Newton Campbell. Back row: Maurice Lord, Ed Cromley, Frank Denny, Fred Baker, Hilmer Dittbrenner, Harold Dimmich, Jack Schulte, Russell Gallagher, Charles Beck, Charles Seal, Garland Fross, Fritz Morris, and Robert George.

Lawrence Morris was dubbed "Fritz" after the great Fritz Kreisler, because of his proficiency with the violin as a member of the Charlie Davis orchestra, playing at the Ohio theatre. After his Junior year, Fritz stayed out of school for two years to go to New York for a lengthy engagement in that city. He later returned to his dental education at Indiana and finished in 1935.

John Gainey, because of his skill on the Bedford High School basketball team, became "All-State" Gainey. No one escaped a nick-name or appellation! Somewhere along the line something happened or leaked out that was quickly picked up by the rest of the class. No one will forget "Dexheimer," who hounded each member unmercifully for \$2.50 to pay for a graduation class picture to hang on his new office wall.

Nobody escaped the harmless names or labels, and no one ever got mad or denounced what came their way (they knew *better*—things would only have been worse had they rebelled)!

Nearly everyone opened his own office after graduating and passing the State Board. There were a few casualties, two or three gave up dentistry and turned to something else, but the majority stuck it out during Depression years and gradually became more successful.

The "Singing Sophomores" held a class reunion each year in Indianapolis during the Indiana Dental Association convention, held in May. These reunions were well attended, all details handled by Herb Mason. In our younger days some reunions were pretty wild affairs and of a very frivolous nature. As we got older we calmed down a bit; our 25th year reunion at the old Claypool Hotel was a fairly tame affair with 35 of us in attendance. The uproarious atmosphere was disappearing and soon we were settling for a Class breakfast at the Indianapolis Athletic Club with 10 to 15 in attendance. Hilmer Dittbrenner took over as organizer after Herb Mason died and he did a fine job until I took over the duties of being the "glue" that held the remaining members together. There were nine of us left as of January 1, 1988.

We held a fine 50-year reunion at the Indianapolis Columbia Club in May of 1976, with wives attending. Some of the boys made a great effort to come long miles to attend. A group picture of that meeting shows 17 present. Bus Currie handled all details. It was an enjoyable affair, even if the singing had stopped! Besides, it was evident that our numbers were dwindling. After that 50year affair, the yearly breakfasts continued. The last breakfast was in 1983 at a hotel near the Convention Center. The reasons for only a very few to attend were obvious: old age, ill health, distance to be traveled and other incapacitations.

Perhaps we had no legitimate reason for considering the Class of 1926 as outstanding or superior in any way, but we did have much in common. And whatever it was, it never deserted us all through dental school (and the 61 years that have followed to date). We have never forgotten our days at the dental school and we have hung together ever since.

1918

Mr. E. Robert Welsch, of West Des Moines, Iowa, son of Dr. Emil L. Welsch, has informed us of his father's death on October 17.1987.

Dr. Welsch, of 604 N. Range St., Wolcott, died in St. Elizabeth Hospital Medical Center, Lafayette, after being hospitalized three days. He had been a patient in St. Anthony's Healthcare in Lafayette since last summer.

Dr. Welsch was a practitioner in Wolcott from 1919 until his retirement in 1976. In 1919 he married Lena Holston, who died in 1985.

Dr. Welsch was named a Sagamore of the Wabash in 1976 by former Gov. Otis Bowen for distinguished service to the state of Indiana. His memberships included the Wolcott United Methodist Church; Wolcott Masonic Lodge 180 F&AM; Scottish Rite, Valley of Indianapolis; and the West Central Dental Society, of which he was a past president. In 1967 Dr. Welsch was honored by the Indiana Dental Association for 50 years of consecutive membership.

Dr. Welsch was a veteran of World War I and first commander of Wolcott American Legion Post 294.

1923

Dr. Wendell A. Gray, Dublin, Georgia, died January 8, 1988. His wife, Mary, survives.

1925

We have been notified that Dr. Donald C. Dicks, Brookville, died December 31, 1987. His wife, Alma, survives.

1926

Dr. Harold C. Dimmich has provided his yearly update on his classmates' whereabouts:

Dr. Harold C. Dimmich 1051 Cumberland Avenue, #219 West Lafayette, IN 47906

Dr. Hilmer H. Dittbrenner 123 S. 16th St. Noblesville, IN 46060

Dr. Norman T. Enmeier 3721 S. Gary Place Tulsa, OK 74105

Dr. John M. Gainey 5412 Grandview Dr. Indianapolis, IN 46208

Dr. Earl Keiser c/o El-Nathan Home Marble Hill, MO 63764 Dr. Maurice P. Lord 22 Woodview Ct. Lafayette, IN 47905

Dr. C. Gordon Lundy 480 Lynhurst Scottsburg, IN 47170

Dr. Charles A. Seal 4966 Sea Island Sarasota, FL 33580

Dr. Dimmich has also informed us of the death of Dr. Gorman F. McKean, of Longwood, Florida, on January 8, 1988. Dr. McKean practiced in Montpelier, Indiana, before retiring to Florida in 1973. He was a veteran of World War II.

Dr. McKean was a fellow of the American College of Dentists and the International College of Dentists. He was named Dentist of the Year by the East Central Dental Society in 1964. He served for eight years on the Indiana State Board of Dental Examiners and was a past president of the Board. He also served as vice president of the Indiana Dental Association in 1965-66. Dr. McKean was on the Board of Education of Montpelier Township Schools for 15 years, serving four years as president. He was given the Boy Scouts of America Silver Beaver Award for his contributions to that organization. Dr. McKean was made a Sagamore of the Wabash by Indiana Governor Matthew Welsh.

Dr. McKean was president of the Ft. Myers American Association of Retired Persons Club, and a past president of the Ft. Myers Hi 12 Club and the Montpelier Kiwanis Club. He was a 32nd degree Mason and a member of the Scottish Rite and Mizpah Shriners, the Elks Lodge, and Knights of Pythians.

Dr. McKean is survived by his wife, Elmira; a son, Rear Admiral Thomas W. McKean ('53) of the U.S. Navy Dental Corps; three grandchildren and six great-grandchildren.

1927

We have been informed that Dr. Avon B. Libke, Sullivan, died on January 12, 1988. He is survived by his wife, Josephine.

1944

Dr. C. Dudley Smith has sent us a new address: 6979 Winkler Road, Apt. 134, Fort Myers, Florida 33919.

1951

A new post office box for: Dr. James W. Mott Post Office Box 385 Warren, IN 46792-0385

1952

We have received notice of Dr. Alfred T. Cardwell's death on February 26, 1988. Dr. Cardwell was a practitioner in Gary and a life member of the Indiana University Alumni Association. He was a veteran of World War II, rank of Captain in the U.S. Air Force. Memberships included Kappa Alpha Psi Fraternity, the Northwest Dental Society, and the Tolle-Mann Association. He was a former president of the Gary Urban League. Dr. Cardwell is survived by his wife, Mildred, and a son, Alfred T., of Itasca, Illinois.

1956

The Indianapolis News recently reported that Dr. Carl R. McKee, of Terre Haute, has written a book titled "Indiana University Basketball Trivia" that is selling at a brisk clip—10,200 first-run copies sold out shortly after hitting the bookstores before Christmas. According to the News, Dr. McKee's book includes "sections dealing with statistics, records and backgrounds of current and former players and coaches; the team's performances in postseason and holiday tournaments; players' photographs and a section titled 'Hoosier Hash,' a potpourri of trivia that is McKee's favorite."

1957

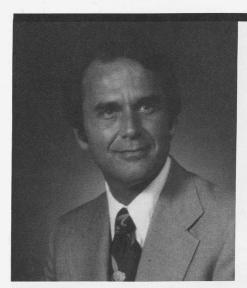
Dr. Donald G. Lloyd, of 12124 Leo Road, R.R. 2, Fort Wayne, has a new zip code: 46845.

1961

Dean Gilmore had a nice letter recently from Dr. Gerrit C. Hagman (MSD '63), 3312 Piedmont Road, N.E., Atlanta, Georgia 30305. He says in part:

We just returned from a Christmas Ski trip to Aspen where I ran into (not a collision on the slopes) Karl Gossweiler ('61) and Chuck Kerkhove ('62) and their families. Karl and I were skiing (he was skiing; I was surviving) through some deep powder when I bit it and lost a ski in powder mid-thigh deep. I was concerned about finding it before April or May, but I got lucky and it wasn't too far from where I fell. The ski brakes don't work too well when the ski is submerged, I found out. We had a good time reminiscing about school, classmates, and dental philosophy. Having seen dentistry from all over the country really makes me appreciate the fantastic education I received at Indiana. It is with real sadness that I read about the passing of my professors. It is like part of me goes with them. . . .

In recent years I have served as President of the Georgia Society of Periodontists,



Gerrit C. Hagman, DDS, MSD

President of the Southern Academy of Periodontology. I have been very active in local organized dentistry and serve as a delegate to the Georgia Dental Association. I am also actively involved in the Fifth District Dental Society (sponsor of the Thomas P. Hinman Dental Meeting) and currently serve as its Secretary. It was a distinct honor to have been inducted as a Fellow of the American College of Dentists at the ADA Meeting in Las Vegas this year.

1962

Mr. David Mannweiler, a columnist for the *Indianapolis News*, wrote the following report in January of Dr. John Haslem's encounter with a dead owl and a host of bureaucrats:

By Its Death, a Screech Owl Creates Unsolvable Problem

On Christmas Eve, in the ivy bed by his Northside home, Dr. John Haslem found a dead bird.

Haslem is not an ornithologist; he's an oral surgeon. But he thought the bird was "kind of a pretty thing," as dead birds go.

He carried the bird's body toward a trash can. He figured he'd slip the bird in there and be done with it.

He couldn't do it. At least he didn't do it.

"It looked pretty neat," Haslem said. "I thought I had seen this owl in the maple tree in my front yard."

He stuck the bird in a plastic freezer bag and placed the bag in a basement freezer.

The next week Haslem called a taxidermist who asked for a description of the bird.

Small, maybe eight to 10 inches tall, with brown, black and white feathers. And obviously an owl, Haslem said.

"It's a screech owl and I won't touch it," the taxidermist said. "That's a protected

species. You need a permit to have that bird."

A second taxidermist supplied a similar answer. He suggested a call to the Department of Natural Resources.

The doctor called the DNR and got a "you-have-to-talk-to-so-and-so" run-around, he said.

One person told him "that's a federal case" and instructed him to call the local U.S. Fish & Wildlife Service office.

He called there and got an answering machine. He left his name and number.

He called again and got a telephone number for a fish and wildlife honcho in Bloomington. Haslem called. Oops, that man isn't with fish and wildlife anymore.

Try the Chicago fish and wildlife office, Haslem was told in a follow-up call.

"I didn't even want to keep the bird," Haslem explained.

He knew stuffed owls make lousy lamps in a home. They're not much of an interior decorating asset in an oral surgeon's office, either.

"I thought maybe some school or preservation society might like to have it. Somebody could use it," Haslam said.

He ran the who-needs-an-owl? question by someone at DNR.

"I tried to ask that question. If I can't keep it, is there some organization that might want it? Did DNR want it? What should I do with it?"

The DNR told Haslem he had to bury the body.

So far, the body is still in the bag in the freezer.

Migratory Protection

Haslem figures if he starts a fire to melt the ground to dig a grave for the owl, he'd probably end up being arrested for having an illegal bonfire.

Up in Chicago, U.S. Fish & Wildlife Special Agent Joseph Budzyn confirmed screech owls are protected under the Migratory Bird Treaty Act.

"A private individual cannot possess one (a stuffed or skinned screech owl) without a permit. A public, scientific or educational institution—say a school, a museum or a nature center—may possess it without a permit and have a federally-licensed taxidermist stuff it without the owner having a permit."

And if Haslem wants to get a permit to keep the owl? How does he do that?

"Permits are not granted to individuals. He couldn't get one if he wanted one," Budzyn said.

Haslem still wonders whoo has an answer.

1964

Address update:

Dr. Jon E. Schiff South 5201 Muirfield Lane Spokane, WA 99223

1965

Dr. Ned B. Van Roekel (MSD '67), an assistant professor at the Mayo Clinic Medical School in Rochester, Minnesota, and a former faculty member in prosthodontics at Indiana University, was among the program presenters during an alumni meeting of the University of the Pacific in San Francisco in January. His topic was diagnostic and treatment planning considerations for tissue-integrated prostheses and prosthodontic treatment for partially edentulous patients.

Dr. David A. Willits has a new office address: 317 West Market, Bluffton, Indiana 46714.

1969

Dr. Thomas M. Hassell has been named chairman of the Department of Periodontics at the University of Florida. He assumes the post after serving for several years as an associate professor of anatomy and periodontics at the University of Maryland.

A leading researcher in the etiology and treatment of periodontal disease, Dr. Hassell is currently conducting in vitro studies of periodontal regeneration in collaboration with basic scientists and dental clinicians around the world.

In addition to publishing numerous scientific articles and abstracts, Dr. Hassell is the author of three books, including the *Color Atlas of Periodontology*, which he co-wrote with Dr. K. Rateitschak and Dr. H. Wolf. The 330-page atlas, containing more than 800 color illustrations, was awarded first prize for the physicians category by the American Medical Writers Association in 1986

1974

An address update for:

Richard H. Harper, DDS, CAPT (MSD) Commanding Officer Naval Dental Clinic Bremerton, WA 98314-5245

1978

Sarah Manion has received her annual update from the Boitets (2611 Eagle Bar Drive, Orange Park, FL 32073). Dayn's wife Judy says in part:

We certainly hope that this letter finds y'all healthy and happy. . . . We have had quite a busy schedule as of late. October 26th Dayn and I had our fourth (yes, you read it right), and last (whew) baby. Jarrod Ian entered the world weighing in at 8 #5oz.

... Dayn's mother stayed with the growing family for the first week after the baby arrived. Then Judy's mom arrived for a six week stint as cook, laundress, chauffeur, Grandma, and of course mother. Those two ladies are definitely going to heaven when their time is up.

Dayn is still doing quite well in practice. He is doing a lot with porcelain veneers and osseointegrated dental implants. He now has five full time employees and two part-time employees. He works long hours but seems to enjoy the personal satisfaction of completing a difficult case.

This year we hope to complete our scuba diving class. Hopefully we'll see Cozumel, Mexico again in'88. Since we live in a state where the main attraction is water we decided we had better take advantage of it. . . .

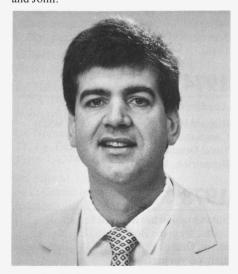
1979

Major Dennis J. Zent (MDS '85) is currently chief of the endodontic department at MacDill Air Force Base in Florida.

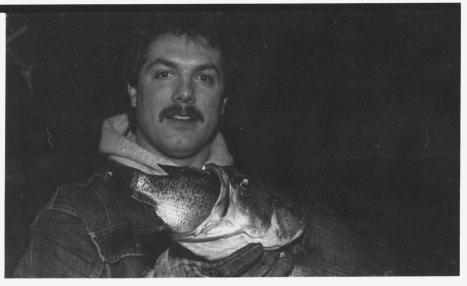
1980

Dr. John W. Sergent, an Indianapolis dentist and research associate at the Indiana University Oral Health Research Institute, died January 30, 1988, after collapsing during a basketball game.

Dr. Sergent also worked in computer operations at Indiana National Bank. He was an Evans Scholar and a 1974 graduate of Indiana University, Bloomington. He is survived by his wife, Valia; and sons, Eric and John.



Dr. John W. Sergent



1981

Address update:

Dr. John M. Mulhern (MSD) 388 Portage Ave. #901 Winnipeg, Manitoba Canada R3C OC8

1982

Changes of address for:

Dr. Greg P. Stone 2436 E. Commonwealth Ave. Fullerton, CA 92631

Dr. Lucy T. White 1927 W. 26th St. San Pedro, CA 90732

1984

Capt. Robert R. Burnett was recently honored as "Strategic Air Command Junior Dental Officer of the Year" for his contributions to the Air Force mission at the 43rd strategic clinic, Andersen Air Force Base, Guam.

Capt. Burnett previously completed a general practice residency at the USAF Hospital, Davis Monthan AFB, Tucson, Arizona. In July he and his wife, Christy, will head for Lackland AFB, Texas, where he will study periodontics.

Alumni in the WTTV (Channel 4) viewing area had an opportunity this winter to catch Dr. Steve Green in the role of sports commentator on his own half-hour pregame basketball show. According to Dick Mittman of the *Indianapolis News*, the former IU basketball star and two of his teammates from the 1974-75 season—John Laskowski and Quinn Buckner—are all part-time T.V. commentators now. (Laskowski joined Chuck Marlowe on WTTV nine years ago and Buckner recently took up with ABC-TV's crew and is covering national games as well as games for the Big Ten

Dr. Beachy, a bluegill and a bass. When Dr. Michael L. Beachy (1984), 507 N. Riverside Blvd., Goshen, hooked a nineinch bluegill while fishing at Lake Wawasee in December, he got a five-pound bass in the bargain! This photo by Tyler Klassen of Dr. Beachy proudly displaying his lucky catches appeared in The Goshen News.

network.) Steve played in the ABA with the Spirits of St. Louis and the Indiana Pacers before enrolling as a dental student. He and his wife have three children and he practices on the Northeastside of Indianapolis.

1985

We have received an address change for:

Dr. Joseph A. Arch 520 Colvin Dr. R.R. 2 Versailles, IN 47042

1986

Dr. and Mrs. Eric A. Compton, 8430 Northcote Avenue, Munster, Indiana 46321, are proud to announce the birth of their son, Evan Bryce, on December 18, 1987.

We have learned that Dr. Matthew E. Throckmorton is in general practice with Dr. Virgil H. Eaton ('55) in Brownsburg, Indiana.

Address updates:

Mary Leesa Jones Rehmel (ASDH) 4315 S. Senour Rd. Indianapolis, IN 46239

Dr. Lon P. Spain 1369 Libra Drive Arnold, MO 63010

1987

We have word that Dr. Thomas K. Ringenberg is in Richmond, Indiana, practicing family dentistry with his father.

Michigan Street Memos

Career Technician Waxes Nostalgic on Years at IU

December 31, 1987, may be the official date of retirement for Calvin C. Linton, CDT, dental laboratory technician, but Cal will tell you he has no intention of retiring. In Cal's view, he has merely phased out of dentistry and is moving ahead—full throttle—to a host of new challenges. Shortly before departing from his fourth floor work place, where he has been supervising the in-house laboratory technicians, Cal reminisced about his career at the School. It is time he considers well spent. "I always had the opportunity to continue learning. The willingness of the doctors to share their knowledge helped me keep abreast of all the new procedures over the years."

While in high school Cal answered an ad for a position as delivery man for an Indianapolis dental laboratory. In between making deliveries and sweeping the floor he began to learn technical work by watching the technicians and getting them to give him lessons. His on-job training was thorough enough by 1950 to impress Dr. Frank Hughes, then chairman of the IUSD Department of Complete Denture, who hired Cal on a two-week trial basis at \$1.50 an hour. About three years later Cal quit his full-time position with the dental school to start a lab in Broad Ripple, but in 1956 Dr. John F. Johnston, then head of crown and bridge, persuaded him to return to the school full time to work with the crown and bridge sophomore technique classes. Cal settled in, and stayed another 31 years.

"When I first started working here I was the same age as the dental



Calvin C. Linton, CDT

students," Cal says with a smile. "But lately I've noticed that they've letting students in younger and younger!" In a more serious vein, he says: "I've enjoyed watching students grow in their profession, and being a small part of their development." He acknowledges that mastering the technical aspects of dentistry doesn't always come easy to the dental students. "You've heard there are two ways to skin a cat," he says. "Well, in dental technology there are 200! It's often a difficult subject, but I caution students to learn as much as they can about the technician's work before graduation. Otherwise, the new dentist is at the mercy of outsiders and you can't be the one in control if you don't know what's going on vourself."

"I've been learning from Cal since I was 17 years old," says Mr. Ed Calkins, a dental technician in the fourth floor lab. "And he's an excellent, sensitive teacher who cares deeply about Indiana University." Cal is indeed one of IU's biggest devotees. "If I could,"

he says, "I'd put a billboard beside the IUPUI sign on New York Street that says: 'Thanks for 36 years without once missing my paycheck!' They honor us when we leave, but I think it is we who should honor such a wonderful employer."

At a farewell luncheon hosted by the prosthodontics department, Cal was given a plaque and a handsome captain's chair bearing the Indiana University insignia.

Bonnie Linton, Cal's wife of 18 years and a former employee of the School, is currently enrolled in a one-year nurses training program at Ivy Tech. After that is completed, the Lintons plan to resettle in Clearwater, Florida, where Bonnie wants to pursue a degree in nursing and Cal wants to look into business opportunities outside dentistry. "I may promote a couple of toys I designed that are now patented," he says.

Through decades of outstanding service Cal has played a significant role in the education of our students. We wish the best for Cal and Bonnie in all of their "post-dentistry" activities.

Something for Everyone

"In a state of pleasant hubbub" best describes the dental school as it was on the evening of January 13, when IU School of Dentistry teachers, dental students, members of the Indianapolis District Dental Society, and some very special guests converged for the IDDS membership/dinner meeting.

The School hosted the IDDS January meeting for the second year in a row, only this time with a refreshing twist: each IDDS member was invited to bring along a high school or college student with an interest in learning more about dentistry. More than 30 young people representing dental patients, sons and daughters, dental assistants and neighbors of IDDS members, participated. The turnout was so successful that the dinner had to take place in shifts in the cafeteria.

After dinner the IDDS members and their guests split up, with the dentists heading into continuing education programs presented by IUSD faculty members, including: Dr. Timothy J. Carlson, associate professor of operative dentistry (intraoral porcelain repair); Dr. Charles J. Goodacre, associate professor and chairman of prosthodontics (use of visible light cured impression material); Dr. E. Brady Hancock, professor and chairman of periodontics (nonsurgical periodontal therapy); Dr. Carl W. Newton, professor and chairman of endodontics (recent technology applied to root canal obturation); and Dr. Dwight C. Swimley, associate professor of oral and maxillofacial surgery (physician-prescribed drugs commonly seen in the dental office). In addition, Mr. David Stingle, owner/manager of Professional Dental Services, Inc., talked on maintaining dental equipment. Each presenter gave his talk twice so that Society members could sit in on two seminars of their choice.

Meanwhile, the young folks were divided into three groups, depending on their interests, and given information and advice by Ms. Carole A. Busch, coordinator of records and admissions (dentistry division); Professor Pauline R. Spencer (dental assisting); and Professor Evelyn E. Oldsen (dental hygiene). A large number of

volunteers from the dental school student body also spoke to the guests and directed them on tours around the building.

Inviting young people to get a glimpse of dentistry by attending this IDDS meeting, which was featured that evening on the Channel 6 News, was yet another student-recruitment idea of participants of the SELECT Program, a national recruitment network. Dr. Robert L. Bogan, IUSD associate dean

for student affairs, and Dr. William B. Risk, representing the Indiana Dental Association, head Indiana's SELECT activities.

"The students who attended as guests seemed very enthusiastic about their introduction to dentistry," says Dr. Bogan. "Many were especially pleased that they got a chance to talk with dental students. All in all, the meeting was a big hit, and we anticipate making it an annual event."

IUSD Faculty, Alumni, Students Take Part in Chicago Meetings

The Chicago Dental Society's 123rd Midwinter Meeting, as well as meetings of affiliated professional organizations, attracted the usual large number of individuals with Indiana University connections last February. Participants that we heard about included:

- Dr. A. George Wagner, IU professor of prosthodontics and chairman, section of complete denture, presented a table clinic at the American Prosthodontic Society (APS) Annual Meeting, and at the Chicago Midwinter Meeting. His topic was an intraoral device to prevent snoring.
- Dr. Malcolm E. Boone (DDS '46, MSD '62), professor of prosthodontics, served as vice president of the APS and presented a table clinic at the Chicago Midwinter Meeting entitled "Selection of All Anterior Teeth Made Easy."
- Dr. Suteera T. Hovijitra (MSD '76), associate professor of prosthodontics, and Dr. Fadi S. Saloum (MSD '87), advanced standing student at IUSD, co-presented a table clinic at the APS meeting on porcelain laminate veneers for anterior esthetics.
- At the APS meeting Dr. Gerald A. Niznick (MSD '69), of Encino, California, presented an essay entitled "The Core-Vent System Translates Basic Science Into Clinical Reality."

Other activity at the Chicago Midwinter Meeting included:

- Charles J. Palenik, associate professor of oral microbiology, presented a table clinic entitled "Disinfection: Methods and Materials."
- Dr. Charles C. Alling, III ('46), of Birmingham, Alabama, presented a table clinic, "Nuts and Bolts of Mandibular Third Molar Surgery," and a lecture, "Major Complications from Minor Surgery." Dr. Alling also discussed chronic pain as a member of a panel on pain control.
- Dr. Donald E. Arens (DDS '59, MSD '72), associate professor of endodontics and director of continuing education, gave a clinic entitled "Don't Extract My Tooth," and spoke on clinical aspects and office procedures as a member of a panel presenting "An Overview of the Endodontic Flare-Up."
- Dr. Ralph W. Phillips, IU research professor of dental materials, moderated a panel on biocompatibility of dental materials.

Dr. Phillips also served as a member of the Scientific Investigation Committee of the American Academy of Restorative Dentistry, which prepares an indepth review of the total dental literature for yearly publication in the *Journal of Prosthetic Dentistry*. A condensed version of this review was presented at the AARD annual meeting. Dr. Phillips has been asked to chair the Committee for next year.

John F. Johnston Society Names Scholars for 1988

The 1988 Indiana University student recipients of the John F. Johnston Society scholarship award were announced at the annual meeting in Chicago on February 20. Second year graduate prosthodontics students Dr. John J. Carpendale, of Kilkenny, Ireland, and Dr. Joseph J. Macy, of West Wyoming, Pennsylvania, were named co-winners. Dr. Carpendale is a 1979 graduate of Trinity College, and Dr. Macy graduated from the University of Pittsburgh School of Dental Medicine in 1986.

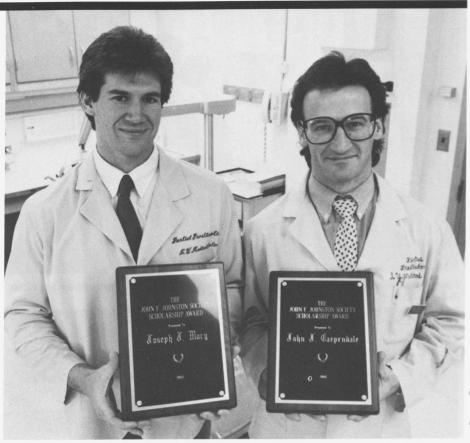
Each student received a monetary award and a plaque from the Society. Their names have also been added to a plaque on permanent display in the Department of Prosthodontics that lists all recipients since the award was created in 1969. The Society is named for the late Dr. John F. Johnston, a 1921 graduate of the Indiana Dental College who was an internationally respected prosthodontist and member of the dental faculty at Indiana University.

Project SEEK Scores Again

It was *not* an occasion when the weather cooperated fully. College students with an interest in learning more about dentistry arrived from the Bloomington campus in the rain on March 3. An hour later, one of the worst ice storms ever to hit Indianapolis was beginning to lay a glaze over the city. Weather notwithstanding, IUSD pulled off another successful Dental SEEK Day, thanks to the combined efforts of folks at the dental school, SEEK coordinator Robert Stebbins of IU-Bloomington, and dental practitioners in the area.

This year's group represented some of Project SEEK's youngest participants. All were freshmen who worked Dental Day into their schedules, despite the fact that mid-terms were in full swing in Bloomington.

In the morning the students met with Dr. H. William Gilmore, dean of the dental school; Mrs. Jody Burns, of

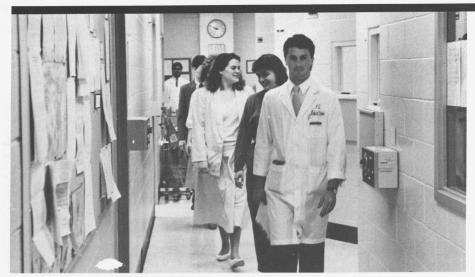


Dr. Joe Macy (left) and Dr. John Carpendale display the plaques they received as co-winners of the John F. Johnston Society scholarship award, given for academic excellence.

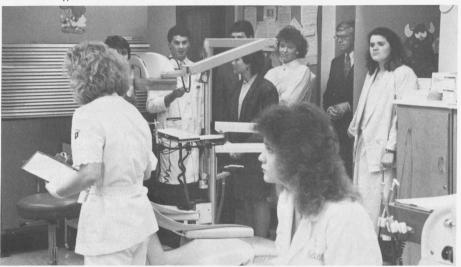


Today's college students—tomorrow's dental professionals? *IU students Mark Cauley and Teresa Werling, both of Fort Wayne, appear to be listening intently to information offered during opening session of Dental SEEK Day.*

Mike Halloran



Fourth year dental student Michael Stronczek leads the way on a tour through the clinic in dental diagnostic sciences.



Tour group, guided by Mr. Michael Stronczek (white coat), observes pediatric dentistry clinic in action. Joining them is Dr. Kenneth O. Miller (second from right), a private practitioner in Cumberland who has been a SEEK Day participant for three years.

Mrs. Jody Burns (standing), representing the office of dental student affairs, provides details on studies in dentistry and dental hygiene. Bloomington students are, from left: Diana Toledo, Fort Wayne; Judy Waskow, Michigan City; and Kimberly Richardson, Liberty.

the office of dental student affairs; and Ms. Pauline Spencer, director of dental assisting. "These young people hadn't made up their minds about careers in dentistry," Mrs. Burns said. "They were just getting their feet wet. We invited each of them to attend Dental Day next October and to let us know if they'd like to come back for an individual visit."

Fourth year dental student Michael J. Stronczek then took the group on a tour of the building. "We covered it from top to bottom," Mike said. "These students seemed to know a lot about dentistry already. They really got caught up in what was going on in the operative technique class. They asked a lot of questions about what kind of grades are needed to get accepted into dental school."

In the afternoon the group split up, with each student leaving the dental school to spend time observing a dental team in a private office. Dental practitioners participating this year were Dr. Mark V. Bohnert ('81); Dr. Karl W. Glander ('56); Dr. Kenneth O. Miller ('58); Dr. Jack E. Nicewander ('77); and Dr. James A. Weddell ('77).

Project SEEK is sponsored by IU's Office of Career & Placement Support Services, which offers similar programs for law, medicine and nursing.

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