

ALUMNI BULLETIN

Volume 6, Number 4
Summer 1992

THE CLUSTER SYSTEM
Getting Ahead by Staying Put

Indiana University
School of Dentistry

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Indiana University School of Dentistry Alumni Bulletin

Volume 6, Number 4, Summer 1992



On the Cover

CLUSTER CLOSE-UP. Fourth-year dental student Julie Gaydos (upper right on front cover), of Elkhart, with one of her dental patients, Rex True, of Camby, on site in Cluster A, one of nine new clusters that form the IU dental school's new Comprehensive Care Program. With them are dental assisting staff member Karen Sando (chairside) and cluster faculty members (back cover) Dr. Jenny Sy-Munoz, assistant professor of prosthodontics; and Dr. Donnell Marlin, assistant professor of dental diagnostic sciences. See page 2 for more about comprehensive care, an innovative clinical training program that aims to minimize differences between academic and "real" world dentistry, and maximize wide-ranging clinical opportunities for all students.

(Wrap-around cover designed by Diane Alfonso, IUPUI Publications Services. Cover photograph by Rick Baughn, Doug Bartlow, and Tim Hill, all of Photographic Services, IUPUI Office of Integrated Technologies.)

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The *Alumni Bulletin* is an Indiana University School of Dentistry publication directed to members of the IUSD alumni. There are four issues each year: Fall, Winter, Spring, and Summer. Material included herein does not necessarily represent the official position of the School. Editorial office address: Editor, *Alumni Bulletin*, Indiana University School of Dentistry, Room 104, 1121 West Michigan Street, Indianapolis, IN 46202; and telephone: 317/274-5405.

PUBLICATIONS STAFF: **Editor:** Jack E. Schaaf; **Managing Editor:** Susan M. Crum; **Designer:** Diane Alfonso, IUPUI Publications; **Chief Photographer:** Mike Halloran; **Photographic Technician:** Alana L. Barra; and **Staff Illustrators:** Mark A. Dirlam and Rolando A. DeCastro
IUSD ALUMNI ASSOCIATION OFFICERS: **President:** Bruce D. Raibley (DDS '73); **President-elect:** John A. Rahe (DDS '63); **Immediate Past President:** Richard D. Ellsworth (DDS '73); **Vice President:** Vincent M. Guido (DDS '82); and **Secretary/Treasurer:** James A. Shupe, Sr. (DDS '62)



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Notes from the Dean's Desk

Striving for relevance in clinical education

Creating a working environment for students of dentistry that resembles the type of environment they will encounter in private practice is a top challenge facing dental educators today.

Molding institutional care to precisely match the numerous private practice models is nearly impossible. Nevertheless, the school's clinical program is striving to become as much of a mirror image of private practice as it can within the bounds of the dental building. Students feel that dental education overlooks many details of "real world" dentistry. New graduates entering practice often undergo what might be referred to as dentistry's version of culture shock: they are amazed by the difference in *ambience* between dentistry in the dental school surroundings and dentistry in the private practice setting.

Students of law and business are taught to function within a variety of practical circumstances in a way that makes it possible for them to walk into "real world" jobs with minimum trauma after graduation. Rather than struggling with a clinical environment that bears little resemblance to the dentistry they will pursue in their careers, dental students are now assigned to a Comprehensive Care Program in a group practice setting known as a "cluster."

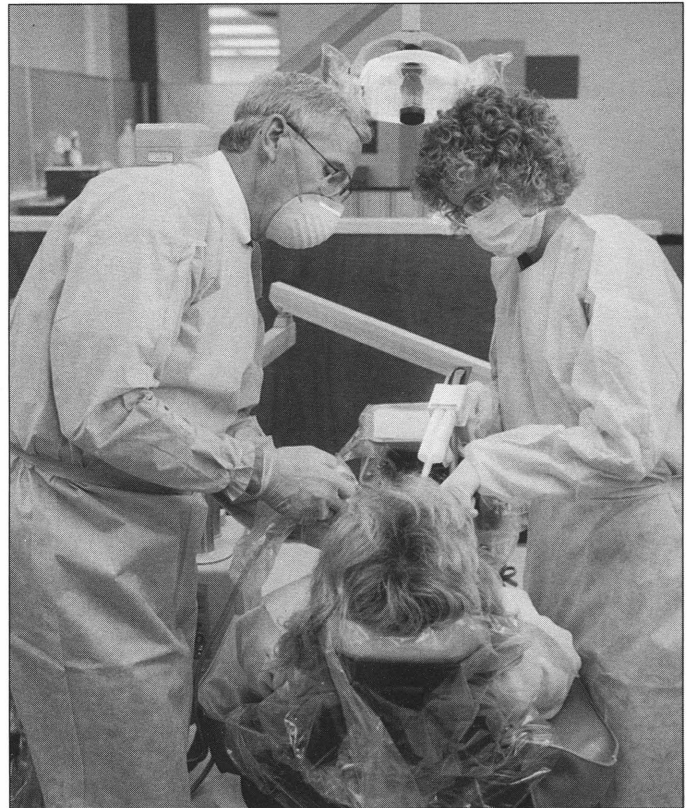
This up-to-date clinic system is described in detail in an article beginning

on page 2 of this issue. Implemented in January 1992, the system was accomplished by faculty planning and by listening to the professional leadership. Counsel from the dental specialties and the American Dental Association's guidelines for accreditation were very helpful. The Board of Directors of the IUSD Alumni Association serves as an on-going advisory panel with the purpose of assuring the school's role as a

vital contributor to networks within both the dental community and the community at large. The IUSD Planning Committee processes feedback and studies issues year round so that new programs such as comprehensive care can be instituted between semesters. We are committed to making whatever adjustments are needed to prepare our graduates to be successful dental professionals who possess the confidence and competence to manage diverse dental practices.

The monumental task of teaching relevant material in a profession that is continually evolving places heavy demands on the faculty. While investigating the science and maintaining the

We are committed to making whatever adjustments are needed to prepare our graduates to be successful dental professionals who possess the confidence and competence to manage diverse dental practices.



Mike Halloran

Dr. Ronald K. Harris, who now directs Cluster F in the Comprehensive Care Program, and dental student Elizabeth B. Lewis (DDS'92)

skills associated with their selected field, each faculty member must at the same time be actively involved with patients and work with management systems that will eventually be used by our students. This perpetual renewal of knowledge and skills by faculty—with the ultimate focus on patient services—is the foremost mission of the school.

The new cluster system in our clinical training program opens many opportunities for our students to treat patients. With the new method of assigning and appointing patients now in place, most of the oral health care problems that dentists will encounter in practice will *first* be seen while they are students at the school.

Emerging from the clusters is a refreshing emphasis on relevance in education that builds a stronger foundation for the clinical program while simultaneously strengthening the overall mission of the school.

H. William Gilmore



Seeing Patients from a *New Perspective*

Some thought it couldn't be done. Most thought it would never happen.

After all, Indiana University's sprawling dental school building with its 271 operatories has never looked like, or functioned like, a private practice. Its predoctoral clinics have been divided by four floors and twice as many departments.

But the Comprehensive Care Program, ushered in with the new year, shows what can happen when faculty, staff, and students work hard—and work together.

The school's completely transformed predoctoral clinical program, adapting to the limitations of the facility, did not fail. It flourished. Now in the last half of its first-year cycle, comprehensive care is taking root and showing every sign of developing into a progressive educational program that will explore on several levels the dental team's commitment to meet the oral health care needs of patients.

by Susan Crum

Some wear bright blue clinical gowns. Others, yellow. They dart into, out of, and through the third-floor clinics, tending to the needs of patients in various stages of treatment. It looks like any other day at the dental school.

But this same scene from a bird's-eye view reveals patterns of activity on the third floor that have never been there before.

Central to the action are small reception desks perched along the perimeter of the clinic. Teams composed of faculty, staff, and students cluster around these desks—answering phones, scheduling appointments, evaluating dental charts, and discussing treatment plans for patients being seen in the dental units nearest by. Altogether there are nine cohesive mini-clinics arranged among 98 dental units on the t-shaped third floor: four in the main clinic, two in the middle section of the building, and three in the south section.

Are they mirror images of private practice? No. But the newly designed clinical “clusters”—the tangible components of comprehensive care—come a long way in offering students a work place that more realistically reflects both the physical environment they will use, and the professional responsibilities they will face, as dentists after graduation.

Instead of roaming from department to department to receive their clinical training, dental students are staying put—and the clinical instructors are coming to them. For the first time in the history of the school, all third- and fourth-year students are assigned to their own dental units, from which most of the dental treatment they provide to their patients is performed.

To make room for everyone, two students—a fourth-year and a third-year—share a dental unit. Percentage of clinical time is divided 60/40, in favor of the fourth-year student. Departments remain intact administratively and continue to be responsible for lecture and technique courses, grading criteria, and clinical requirements; but all predoctoral clinical space on the third floor is now devoted to the cluster system. Dr. Donald R. Tharp, associate dean for clinical affairs, oversees the predoctoral clinical activities of three “umbrella” divisions—dental diagnostic sciences, operative dentistry, and prosthodontics. Each division in turn oversees several clusters. Each of the nine clusters accommodates 7 to 10 student pairs and is staffed by a full-time, on-site faculty director and a dental assisting coordinator. The clusters also employ chairside dental assistants. Six of the directors are general dentists and three are prosthodontists.

Full- and part-time clinical faculty from periodontics as well as the three aforementioned umbrella groups routinely are assigned to teach part-time in one or more of the clusters. A prosthodontist is scheduled in all sessions of all clusters. All clinical teachers are permitted to grade most procedures performed in the clusters.

Student-assigned patients in pediatric dentistry, orthodontics, and oral and maxillofacial surgery continue to be seen in the respective departmental clinics. The predoctoral clinic in the Department of Endodontics has been reduced to five units; students must demonstrate proficiency in the treatment of single- and multi-rooted teeth before they are permitted to perform endodontic procedures in the clusters. Second-year students perform diagnostic and treatment planning proce-

dures in the dental diagnostic sciences clinic, but are permitted to perform these procedures in their assigned cluster after completing a proficiency exercise in their third year.

To ensure exposure to a wide variety of treatment philosophies and teaching styles, students rotate through a total of four clusters during the final two years of dental school. The system is arranged to assure that each student is assigned to at least one cluster in each of the umbrella groups.

A Leap toward Excellence

As IU's dental school continually adjusts its curriculum to move forward with other national leaders in dental education, it normally advances the training program a modest step or two at a time. Transferring to the cluster system, by comparison, qualifies as a long jump worthy of the Barcelona Games. The only thing more remarkable than the system itself is the speed with which it was implemented.

Debated for years, comprehensive care had been dismissed routinely as an idea that, while good in theory, was simply unmanageable within the structure of IU's dental building, curriculum, and departments. However, comprehensive care had in its corner a vigorous advocate—Dr. H. William Gilmore, the school's dean, who viewed the program as essential to Indiana's continued standing among the top educational dental institutions in the country.

Discussions in the fall led to final approval by the IUSD Planning Committee in November. Operational guidelines were distributed and training sessions were conducted in December. The comprehensive care clusters opened for business on January 7, the first day of spring semester.

“A lot of people questioned the wisdom of jumping into this so quickly,” says Dr. Tharp, looking back on the enormous transition that took place virtually overnight (actually over 14 nights, during the holiday break). Everyone thought of good reasons not to pursue the cluster system right away. “Some didn't want to switch in the middle of the year. Others didn't want to do it before the ADA accreditation site visit, which comes up in October. The fourth-year students wanted us to hold off until they graduated. But Dean Gilmore was right in moving ahead so fast. Had we had another six months to fret and worry about the impact of such a big change, we would all have been wrecks. By plunging ahead immediately, there just wasn't much time for serious problems to arise.”

Although the cluster system was set in motion rapidly, there was sound evidence already available to suggest the change was wise, not hasty. During the previous academic year, eight fourth-year dental students who had nearly completed their graduation requirements volunteered to “test the waters” of comprehensive care. Enrolled in a pilot program for the final 11 weeks of their undergraduate training, the students saw their patients in a “Capstone Clinic” under direction of periodontic faculty member Dr. Robert L. Lockhart. A corps of full-time faculty members from the departments of dental diagnostic sciences and operative dentistry assisted Dr. Lockhart with teaching duties, as did Dean Gilmore; designated faculty from every department were available on call. A full-time dental assisting coordinator performed tasks not directly related to the dentist's role that nevertheless fall to dental students in the regular clinics.

It wasn't difficult to round up volunteers from the Class of 1991. "I had everything to gain and nothing to lose by joining the Capstone program, and I'm glad I chose to participate," said student Diane Carter-Heckley (now a dentist in Lapel) shortly after signing on as a Capstone clinician. "The independence that we are allowed in the clinic gives us a chance to exercise our professional judgment and gain confidence in what we're doing."

Pleased with Capstone clinic feedback and recognizing that the experience held great promise as an alternative method of evaluating clinical competency, the IUSD Planning Committee decided to establish a permanent clinic beginning with the 1991-92 academic year. Dr. Ronald K. Harris, professor of operative dentistry, was named director of the area, which was renamed the Comprehensive Care Clinic, and Marsha K. Brickey, formerly a dental assistant in operative dentistry, was named coordinator.

It originally was intended that every fourth-year student would be assigned a four-week rotation through the "Comp" clinic, and fall semester actually got under way with 10 students serving in this short-term capacity. But Dr. Harris's first-rate operation earned instant praise from students and patients alike. As the semester progressed, the loudest grievances about the program were voiced by students nearing the end of their rotation who felt that the four-week assignment was too short. It was clear to Dean Gilmore that the time had come to take comprehensive care school-wide.

"The changes made in the clinical system represent the beginning of an extensive restructuring of the dental school's entire curriculum," says Dean Gilmore. "The new approach to dental education places patient care at the core of all activity."

Historically, the school has assigned patients by matching the specific dental procedure needed by the patient to the specific graduation requirement needed by the student. A gradual shift toward emphasizing the long-term commitment inherent in real patient/dentist relationships began in the late '80s, and was bolstered by a facilitator program in which patient management skills were imparted to students by designated faculty "mentors."

"The highly departmentalized system of the past made it increasingly more difficult for students to conceptualize and follow through with a treatment plan to fit the overall needs of their patients," says Dean Gilmore. Students seemed to be devoting as much energy to sorting out and complying with myriad departmental rules and regulations as they were to providing care to their patients. "Students were receiving specialized instruction from several areas, but were then left on their own to fit it all together for their patients," Dean Gilmore adds.

Eliminating the No-Chair Scare

"I can't get a chair." Anyone who's spent time around dental students has heard those five little words uttered many times, and understands the frustration behind them.

Trying to coordinate patient appointments with limited dental unit availability in several key departments, students turned the I-can't-get-a-chair complaint into a year-round refrain. Annoyed in September, alarmed by December,

fourth-year students were often desperate by March to find enough slots on the appointment book in the clinics where they were not yet cleared for graduation.

Dr. Tharp notes that these complaints have vanished completely in the cluster system. As graduation approached in the spring of '92, the usual chorus of agitated voices was gone—replaced by the agreeable whirl of dental handpieces in a system that now has room for everyone. It was sweet music to Dr. Tharp, who had been responsible for the monumental chore of implementing comprehensive care. His first priority was the welfare of students in the Class of 1992, who had just 16 weeks separating them from their doctoral degrees. Mistakes in planning and initiating this complex program could have spelled disaster for the entire class.

"My overriding goal was not to throw any hitches into their progress," he says.

Students within a hand's grasp of their diploma aren't in the mood to hear that the administration is changing a procedure or policy that affects them. No matter how good comprehensive care looked on paper, there were no guarantees that it would work. Fear of the unknown surpassed all other concerns—the students wanted no part of the cluster system.

"The idea was especially frightening for our class," says Class of 1992 President Christopher Gall. "We already had endured several changes during our four years here—we felt like the 'guinea pig' class. We held several meetings to get complaints off our chests. But Dr. Tharp bent over backwards for the seniors, making this transition as smooth as possible for us. Once the cluster system was in place, a lot of the problems that were anticipated never even came up. And several classmates have since told me that without comprehensive care they never could have finished the amount of work they were able to complete by having their own cluster chair."

"The first few weeks of comprehensive care were the best because they were chaotic and we could make up our own rules as we went along," Chris's classmate John Avila says with a laugh. "Things did become more structured. The new system makes much better use of the facilities."

Students weren't the only ones reluctant to unravel the mysteries of a new clinical program. Routines changed just as dramatically (and just as swiftly) for clinical faculty and staff members in the departments of operative dentistry, periodontics, prosthodontics, and dental diagnostic sciences. Dental assistants who had heretofore been employed in one specialty area suddenly were expected to be knowledgeable about all kinds of tray set-ups and materials used in a general practice. "The first weeks were mentally hectic," says Billie Virgin, who coordinates Cluster A under the direction of Dr. Donnell Marlin. "I'd been doing strictly endo for three years, where basically we used only two materials. Then in the cluster I was having to learn not only about many different kinds of materials, I was also involved in procedures such as impression taking."

Faculty members who had been teaching for years within the familiar and limited boundaries of their departments suddenly were thrust into a rotation cycle taking them outside their divisions and requiring a collaborative effort with faculty and staff they hadn't worked with before. "Initially, it was a

big change, but I feel more comfortable with it now," says cluster director Dr. Donnell Marlin. "I find it pleasant teaching in various disciplines instead of being limited to emergency care treatment, as I was in the oral diagnosis clinic."

At first, I didn't like the program," says Dr. Jenny Sy-Munoz, a part-time prosthodontist who rotates through several clusters, including Dr. Marlin's. "Compared to the prosthodontic department, the clusters weren't well organized. But now everybody seems to be getting into the system. I have a good working relationship with Dr. Marlin; he and I are able to work out problems that arise. I'm learning a lot about the diagnosis point of view in dentistry, and the clusters help me get away from the tunnel vision of my specialty."

Comprehensive care may have been greeted originally with lots of apprehension and few applause, but the dental faculty and staff made sacrifices in their own departments and demonstrated an extraordinary willingness to work together. The result of their efforts is a program that fosters respect for dental students while elevating their accountability for patient care.

The new clinical training program offers:

Continuity of care. Students and patients benefit equally from a teaching system that encourages students to work under the guidance of the same faculty members throughout the course of a specific treatment plan, thus minimizing the opportunity for problems that often surface when several faculty members are asked to evaluate (i.e., sign off) one or two steps of a many-step procedure while no teacher is overseeing all aspects of the case. Cluster directors are in a position to be well informed about their students and the patient care they provide. "The clusters are good because they enhance individualized teaching," student Kurt Martin, Class of '93, told the faculty at a recent conference. "It's a system in which individual need can be more adequately addressed."

"Students can usually finish a case with the same instructor they started with," says Billie Virgin. "If for some reason they can't, the other instructors in the cluster have worked with the director and are aware of what's going on in our area. Communication has greatly improved. Dr. Marlin has been a stable influence in Cluster A."

Immediate response to patient needs. A complaint frequently heard in the past was that it took too long to become a patient at the dental school. Patients who received a treatment plan four to six weeks after their first call to the school generally were considered to be moving through the system at a good clip. "Now, if I give students a new chart today they can treatment plan their patient as soon as tomorrow if they wish," says Dr. Tharp. "Students have the control—they are no longer at the mercy of clinic, chair, and faculty availability."

Familiar surroundings for everyone. Patients prosper in an "office" setting, where they enjoy the stability of an ongoing relationship with one dental student in one location, and can relate to dental assistants and faculty members who are familiar with them. "Because I spend a lot of my time talking to patients on the phone in my job as coordinator, I think of them as people—not as just another 'root canal' in the clinic,"

says Billie Virgin. "I believe that patients now have a more secure feeling that they are getting the best treatment possible."

"Patients like coming to the same place," agrees student John Neeb, Class of '93.

Chairs for all. Gone are the days when more than 150 third- and fourth-year students scrambled for space in a 30-unit prosthodontic clinic. The clusters even have room for second-year students, whose limited clinical schedules make it possible for them to take advantage of chairs not in use by the students regularly assigned to them. When cluster students have patient cancellations, appointments in a non-cluster division, or special clinic assignments in other departments (e.g., emergency chair responsibilities), their cluster chair is open to any other student at the school. Thus far, chairs have been readily available to all students in need of one.

The team approach. Drawing on his long-time role as director of the school's former TEAM clinic, Dr. Tharp is excited about tremendous opportunities on the horizon for the clusters to cultivate working relationships among the students of dentistry, dental hygiene, and dental assisting. "We haven't even scratched the surface of getting the different groups together yet, but the potential is there," he says. Currently dental assisting students rotate through the clusters during spring semester and the Department of Dental Hygiene assigns students to cluster chairs, as available. (Most dental hygiene patients are assigned to the fourth-floor dental hygiene clinic.)

The clusters also are designed to spawn feelings of camaraderie among the students and staff. "I think comprehensive care has brought us all closer together," says Billie Virgin, who was voted best IUSD employee by the Class of 1992. "I've gotten to know the individual students. Before, when students finished their requirements in endo, that's the last I saw of them. For the first time since I've been at the school, it was really hard to see the students graduate in May."

A close-up look at the 'big' picture. It's easier to root out and deal with problems that crop up because there is now greater awareness of one another's business among departments. "Some of the problems the clinical chairs thought were caused by comprehensive care had actually been here all along," says Dr. Tharp. "The departments were far more isolated in the old system, and they cared about and dealt with difficulties related only to their specific area. Now that we're all dealing with the same things, I think there will be more empathy and a greater interest in tackling problems that have been in the training program for a long time."

An opportunity to build speed at one's own pace. Students generally were limited to appointing one patient each half day, and were bound by an inflexible 9 am/1:30 pm appointment book. In the clusters they can increase the number of patients to reflect their own working skills and speed, and can set appointment times to suit their patients. "Some days of the week would be totally eliminated as options in the past simply because a patient would have to drop her granddaughter off at school and couldn't get here till 10," says Chris Gall.

More experience in the same amount of time. With a designated amount of chair time now guaranteed, students are able to treat more patients and therefore will be exposed to a

wider range of clinical cases over time. Within the first five months of the program, Dr. Tharp estimates conservatively that a 5-7% jump both in clinic income and patient visits can be attributed directly to comprehensive care.

A chance to work for knowledge instead of credit.

Students must continue to work in the clusters even after they have completed graduation requirements. With the pressure to produce for credit removed, students are free to pursue additional training in any avenue of clinical dentistry they desire. "Students can concentrate on a different level of learning if the bridge they are making isn't crucial to graduation," says Dr. Tharp.

"The clusters are a great opportunity for students to do as much clinical dentistry as they want," says Dr. Marlin. "We have the chairs and apparently patient pool to support it. One student in this cluster is about 70% finished with his requirements—I think I've convinced him that in this new system he has the time to work in departments he's not comfortable with. I hope students are going to avail themselves of these opportunities more and more as time goes on."

Excellent support. To make it possible for dental students to spend their time focusing on the development of skills they will need as dentists, dental assisting coordinators in most clusters manage the students' appointment book and patient charts, arrange patient visits, stock and distribute supplies, and prepare the dental units. Fourth-year student Julie Gaydos points out that patient charts are now maintained by the coordinators on-site in the clusters, so students no longer have to wait in line at the beginning of each clinic session to pick up charts from a first-floor office. "That's my favorite part of the new system," she says.

"The assistants have been doing a great job," says John Avila. "I can't emphasize that enough."

Understandably proud of comprehensive care's progress to date, Dr. Tharp is also the first to tell you the system is still a far cry from perfection. Problems that have surfaced include:

- *Inconsistency among clusters.* Internal rules and policies tend to differ from one group to the next, which can be jarring. Students who are accustomed to having their patients contacted for them, for example, may find that this service is not provided in the next cluster they rotate to. "Moving to a new cluster can be a lot like moving to a new school," says John Neeb.

- *Shortage of dental assistants.* If the clusters are to provide an environment that realistically simulates the private practice setting, more dental assistants are needed. First- and second-year dental students off-set the shortage somewhat by serving as chairside assistants for the cluster students, but the system would clearly benefit from the addition of full-time dental assisting staff members.

- *Shortage of radiology units.* Ideally, each cluster should have its own radiology unit. Instead, there is only one for the entire third floor. A reasonable 29 footsteps separate the radiology unit from the nearest cluster chair, but the dental student assigned to the most distant cluster chair hikes with his or her patient an interminable 177 steps before arriving at the machine. "This represents more of a philosophical challenge than a logistical one," says Dr. Tharp, who reports there is suffi-

cient room to add several more machines. "Faculty in dental diagnostic sciences want the taking of radiographs to be learning experiences for the students, which won't always be the case if radiographs are taken at cluster sites without supervision. It's a valid point."

- *Backlog in prosthodontic lab.* Since the system no longer holds students back from seeing as many prosthodontic patients as they wish, a tremendous case load has fallen onto the shoulders of the school's laboratory personnel, causing understandable delays in turn-around.

- *Quality assurance.* "It's more difficult to control the quality of work," says Dr. Sy-Munoz. "The daily schedule of a prosthodontic faculty member can be erratic in this new system. Some sessions have 12 or more prosthodontic patients and I'm swamped—on other days there will be only two patients, and I feel as if I'm wasting time by standing around. When you have a long line of students waiting for you, you can't teach them. All you can do is check off their work. I see more cases being rejected by the prosthodontic faculty at the lab stage now, although I'm confident that we'll catch up again in the area of quality control."

There is still hesitancy among some faculty—many of whom have spent their careers teaching in IU's highly departmentalized dental facility—to evaluate procedures outside their own disciplines. The passage of time generally is considered the best medicine for this kind of problem. "As the divisions between departments are knocked down, there will be fewer faculty saying, 'I'm not going to look at this (case) because I'm not a periodontist, or a prosthodontist,'" says Chris Gall.

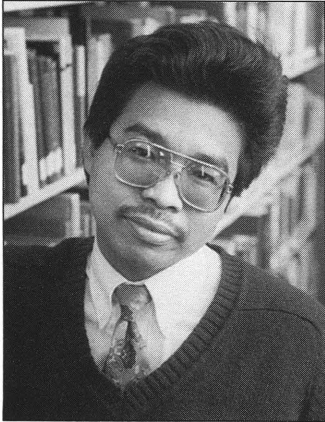
Dr. Tharp says that assuring quality control will remain a top priority in the clusters, which have been engineered to generate high quality performances from students who are well supervised. His plans call for exercising special vigilance over the individual training programs of all incoming students. "We must emphasize and re-emphasize that the new students will need extra attention from the cluster faculty and staff," he says.

Impressed with their exceptional contributions thus far, Dean Gilmore and Dr. Tharp are confident that the faculty and staff will continue to put forth the kind of effort needed to assure the long-term success of comprehensive care.

"We are much better off than we were before," Dr. Tharp says of the new program. "And we have the potential to be even better."

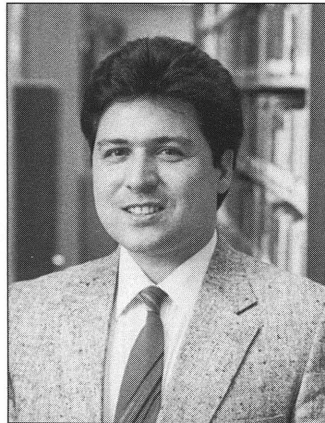
Dean Gilmore reflects on the great distance the school has traveled in five short months to expand and improve upon its educational program. He is clearly pleased with what he sees. "Student productivity is up, student skills are up," he says. "Equally important, student self-esteem and confidence are higher, too. We have created a patient-centered program that better prepares students for the dental office, and better addresses the needs of dental patients under care at IU." □

Postdoctoral Profiles



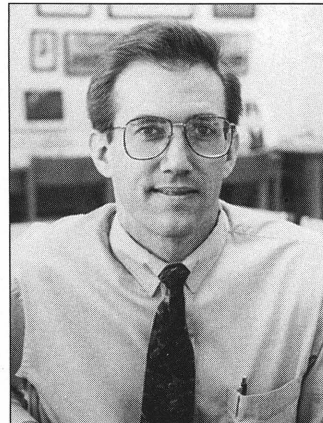
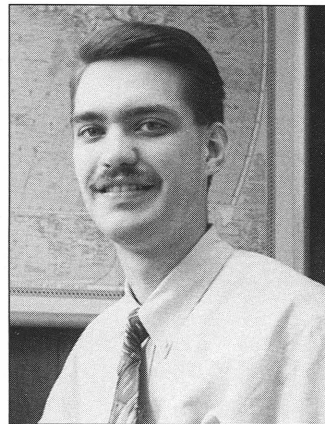
Philip Anthony Chang

Hometown: Toronto, Ontario, Canada; **Dental degree:** DDS, Howard University, 1988; **Postgraduate program at IU:** prosthodontics (major), dental materials (minor); **Thesis:** *A comparison of the distortion produced by three soldering methods*; **Degree:** MSD, May 1992; **Plans:** Private practice in Toronto.



Joseph V. Baldassano

Hometown: Schaumburg, Illinois; **Dental degree:** DDS, Loyola University of Chicago, 1988; **Postgraduate program at IU:** endodontics (major), oral pathology (minor); **Thesis:** *Autoradiographic evaluation of EBA alumina cement and modified EBA alumina cement as root-end fillings*; **Degree:** MSD, July 1992; **Plans:** Private practice in Chicago. (And looking forward to attending many night Cub games!)



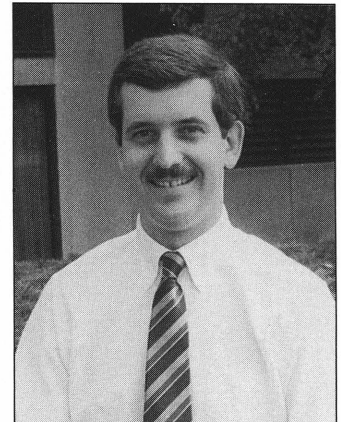
Jeffery P. Hreha

Hometown: Park Forest, Illinois; **Dental degree:** DDS, Loyola University of Chicago, 1988; **Postgraduate program at IU:** endodontics (major), oral pathology (minor); **Thesis:** *Autoradiographic investigation of root-end filling materials*; **Degree:** MSD, July 1992; **Plans:** Private practice in Phoenix, Arizona.

Ray Sprayberry

Hometown: Baytown, Texas; **Dental degree:** DDS, University of Texas at San Antonio, 1990; **Postgraduate program at IU:** orthodontics (major), speech pathology (minor); **Thesis:** *Evaluation of tensile bond strength of glass ionomer cements for orthodontic bonding*; **Degree:** MSD, August 1992; **Plans:** Private practice in Boerne, Texas.

Photos by Susan Crum



Paul J. Robbins

Hometown: Valparaiso; **Dental degree:** DDS, Loyola University of Chicago, 1986; **Postgraduate program at IU:** endodontics (major), oral pathology (minor); **Thesis:** *Evaluation of canned milk products as media for the preservation of periodontal ligament cell vitality*; **Degree:** MSD, July 1992; **Plans:** Associating with Dr. Duane E. Compton (MSD'66) and Dr. John E. Marosky (DDS'67, MSD'75) at Northside Endodontics, 15 Winterton, 1010 East 86th Street, Indianapolis.

Saluting a Living Legend

National leaders in dentistry
among friends and colleagues
helping American College
of Dentists pay tribute to
Dr. Maynard K. Hine





Banquet participants included, from left: Dr. Edward L. Fritz, chair of the Indiana Section, American College of Dentists, Evansville; keynote speaker Dr. Harald Loe, director, National Institute of Dental Research, Bethesda, Maryland; Dr. William E. Allen, associate executive director, American Dental Association, Chicago; guest of honor Dr. Maynard K. Hine; Dr. H. William Gilmore, IU dean of dentistry; Alice Deforest, executive director, American Academy of Periodontology, Chicago; Dr. Norman H.

Olsen, dean, Northwestern University Dental School representing the American Association of Dental Schools, Chicago; Dr. Jacob B. Freedland, past president, American Association of Endodontists, Charlotte, North Carolina; Dr. David C. Vandersall, part-time IU associate professor of periodontics representing the American Academy of Periodontology; Dr. E. Brady Hancock, IU chair of periodontics; and Dr. Donald E. Arens, past president, American Association of Endodontists, Indianapolis.

“There are some who read history, some who teach history, and some who make history. Dr. Hine belongs to the last-named group.”

Those words, spoken by Dr. Jacob B. Freedland, past president of the American Association of Endodontists, summed up just one of numerous accolades bestowed upon Dr. Hine during a banquet held in his honor at the Columbia Club in downtown Indianapolis on March 6.

The Indiana Section of the American College of Dentists (ACD), in conjunction with the IU School of Dentistry’s Division of Continuing Education, chose to honor IUSD’s former dean and one of the dental profession’s best known figures by creating an annual Dr. Maynard K. Hine Scholarship Lecture.

The inaugural lecture, which was held at the dental school the morning after the banquet, was presented by Dr. Harald Loe, director of the National Institute of Dental Research.

Praise for Dr. Hine, who also holds the titles IU professor emeritus of periodontics and chancellor emeritus of IUPUI, came from more than a dozen prominent leaders including Dr. Thomas W. Slack, national president of the ACD.

Dr. Hine had not been told beforehand that the banquet guest list would include dental colleagues from around the country as well as IU Chancellor Herman B. Wells, IUPUI Chancellor Gerald L. Bepko, and Dr. Walter J. Daly, dean of the IU School of Medicine. On his way to what he thought was going to be a meeting of the local division of the American College, Dr. Hine bumped into one of the surprise guests in the lobby of the Columbia Club.

I ran into Jake Freedland and said, ‘What are you doing here?’ ” Dr. Hine later recalled with a laugh. “But even at that, I assumed he was in town to attend some other kind of meeting. When I went up to the banquet room and read all the names on the program, I was frankly embarrassed.” Dr. Hine characteristically down plays all of the attention afforded him,

A few words from Dr. Loe

The continuing education portion of the Maynard K. Hine Scholarship Lecture was presented by eminent author, researcher, and lecturer Dr. Harald Loe, who has directed the National Institute of Dental Research at the National Institutes of Health since 1983. While in Indianapolis Dr. Loe also honored Dr. Hine with remarks presented during ceremonies at the Friday evening banquet preceding the weekend course. A transcript of his banquet presentation follows:

I am greatly honored and pleased to be here as the first Maynard K. Hine Lecturer, and to bring to Dr. Hine—and to all of you—the respects and best wishes of the National Institute of Dental Research, its scientists and staff.

Tonight we are celebrating one of the architects of modern dentistry, an intellectual leader whose remarkable career has spanned some six decades—an individual who, at the outset, seriously considered the ministry, but chose dentistry and its science and service, as his calling in life.

Maynard Hine’s commitment to dentistry started in 1926, when he entered dental school at the University of Illinois; 1930 saw the graduation of a young man who would be one

of the innovators in dentistry.

It is now almost 50 years since Dr. Hine took a position at Indiana University, where he very shortly thereafter was asked to become the dean. Both as dean—and as IUPUI’s chancellor 24 years later—he surrounded himself with the most forward-thinking faculty. They pressed ahead with curriculum and training reforms, refurbished the clinics, and did all the things that needed to be done after World War II. They also involved themselves in matters affecting licensure and certification of the many specialties and auxiliary vocations that emerged in the 1960s.

Dr. Hine headed a group of innovators in dentistry who, while respecting the past, kept their compass pointed forward. They were a group who saw the future of dentistry in tomorrow’s better science and education. Who were they? Here on the IU faculty were Joe Hurty, Ralph Phillips, Tim O’Leary. They are now departed, but their imprints, and the spirit of living luminaries such as Joe Mueller, Lloyd Phillips, Ralph McDonald, Dean H. William Gilmore and his faculty, continue Indiana’s distinguished leadership in dentistry.

And then there was Harold Hillenbrand. He, of course, was the American Dental Association’s general secretary and ex-

describing it as appreciated but unnecessary. "It was unexpected," he said. "And I was so overwhelmed by the occasion that I forgot to introduce my family." Among his well wishers that evening were William C. and Betsy Hine, Dr. Hine's son and daughter-in-law, and their sons, William Jr. and Charles.

"Indiana University is fortunate to have a living legend in dentistry," Dr. H. William Gilmore, IU dean of dentistry, said recently of his friend of 35 years. "Dr. Hine remains active and continues to contribute to the growth of the dental profession. His enormous vision—gained from a lifetime of experiences in dentistry—has helped chart the future of dentistry in Indiana. It is fitting that through the Hine scholarship lecture we will meet annually to share our expectations for continued growth and advancement of the profession."

During the evening ceremonies, Dr. Edward L. Fritz, chair of the Indiana Section of the ACD, presented to the IU Department of Periodontics the first \$1,000 Hine Scholarship, which will be used to support a graduate student research project. Funded in part by the Procter and Gamble Co., the award was accepted by Dr. E. Brady Hancock, professor and chair of periodontics.

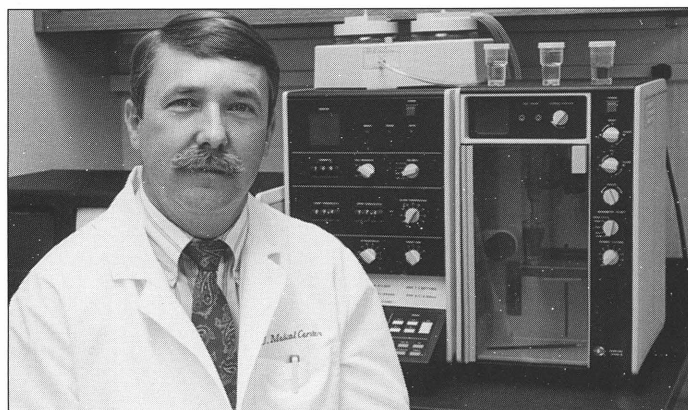
"When Don Arens, IU's director of continuing education, offered the Indiana Section an opportunity to participate as a co-sponsor of this program, we jumped at the chance to be a part of festivities honoring this outstanding man," said Dr. Fritz, who was an IU dental student during Dr. Hine's tenure as dean. "Dr. Hine is one of the most beloved persons in dentistry and is held in high regard by this organization." Dr. Hine is a long-time fellow of the ACD.

At the end of May Dr. Hancock announced that the Department of Periodontics had identified the scholarship's first recipient, Dr. Thomas A. Corwin, a dental graduate of the University of Oklahoma who has completed two years of IU's three-year graduate periodontic program. In the months ahead

he will investigate a specific growth factor's ability to adhere to, or be released from, human dentin. It is anticipated that results of Dr. Corwin's study, which will be submitted in partial fulfillment of requirements for his master's degree, will help further the understanding of tissue regeneration and wound healing.

Although Dr. Fritz's term as chair of the ACD ended on June 1, he will once again serve as group coordinator to prepare next year's Maynard K. Hine Lecture. "We are looking forward to the next program," he said.

The second annual Hine lecture, scheduled for March 6, 1993, features Dr. Franklin S. Weine, of Chicago, a nationally respected course presenter and 1966 graduate of IU's endodontic program. □



Susan Crum

Maynard K. Hine Scholarship recipient Dr. Thomas Corwin on site in the IUSD Cell Culture Laboratory. Dr. Corwin will divide his time between the cell lab and the Oral Health Research Institute to complete his periodontic research project titled Adsorption and Desorption of ^{125}I -Platelet-Derived Growth Factor to Human Dentin.

ecutive director for 20 years. During this time, with the close support of Maynard Hine, an all-weather ally, Dr. Hillenbrand projected organized dentistry's role forward into the second half of this century, and beyond. Let me underscore that the Hillenbrand and Hine duo was more than dynamic: Harold was the idea man, with stamina, courage and conviction; Maynard was the unflappable Midwesterner, the quintessential Mr. Moderation. They were truly a unique and effective combination. Neither one of them made apologies for aggressively working to improve dentistry's image, and both were committed to upgrading the appearance and the reality of the contemporary dental practitioner. They were also willing to raise their voices to provide consistent and forceful support for the bench scientists and for the clinical investigators.

The post-war years up to 1970 have been designated the "Hillenbrand Era." It is my view that when the complete history is written, those years will be the "Hillenbrand-Hine Era."

Maynard Hine was elected to every dental organization worth belonging to—at city, state, national and world levels. He was active in all branches of dentistry and the oral health sciences, and justly awarded for his many contributions. If you would ask him how it happened, he would put on this shy,

self-deprecating smile and mumble something about "right place at the right time." The answer is: Wherever—whenever!

Maynard Hine has known all of my predecessors quite well. He served on the first National Advisory Dental Research Council after the establishment of the NIDR in 1948. Through this assignment and in many other ways, he has made his reason and wisdom available, whenever we needed him.

Once again, dentistry is in transition. And we need men and women with the spirit and dedication of a Maynard Hine to give us the compass and the courage to move ahead. Also at this time, he has crucial opinions about his profession, and he has crisp advice to offer. But probably equally important, through his presence and continued participation, he is reminding us that dentistry is a profession which can move ahead only on an avenue paved with new knowledge. New techniques and technologies are important, but new knowledge gives us direction into the future.

So Dr. Hine, it is my very great pleasure to join your many friends, colleagues, and students in thanking you for your exemplary life, and to wish you well.

Harald Loe

Ethics and the Dentist: A Student View

The Indiana Section of the American College of Dentists closed the special weekend honoring Dr. Maynard K. Hine by gathering for a luncheon meeting at University Place on the IUPUI campus. Having launched a newly established annual predoctoral essay competition earlier in the academic year—and having designated "Ethics in Dentistry" as the essay topic—the College invited the award-winning essayist to present his paper at the meeting. As the first recipient, fourth-year student Jeffery D. Stahly received a monetary award and certificate, presented during the luncheon by Dr. B. Charles Kerkhove.

Nine weeks before his graduation on May 10, Mr. Stahly stood before his future colleagues and addressed a topic that affects every member of the profession from the first day of dental school until the final day in a dental career.

His paper, which has been edited for publication, follows:

"A professional is a person who not only possesses a superior knowledge and skill but also applies this expertise for the welfare of the individual who needs his service. A true professional is committed primarily to his patient's well being and will not exploit the patient's need for personal gain."¹

That description of a professional was given by Dr. James P. Verneti when he addressed participants of an operative dentistry symposium held in San Antonio 14 years ago. I think it's still a good definition today.

Dentists, as professionals, need to be well educated not only in the technical aspects of dentistry, but also in the various ethical and moral situations encountered in dentistry. The challenge is: How can dentists be exposed to theories and situations involving ethics *before* they enter private practice? The logical answer is to increase awareness of these issues by teaching a broader-based ethics program in dental school.

There are countless reasons, of course, why ethics is important to society in general and to dentistry in particular. A primary reason in dentistry is because a highly developed sense of ethics makes self-regulation of the profession possible—a fundamental characteristic of professionalism. There can be no honor code if there is no honor.²

Another reason ethics should play a role in professional life is because, in a dental office, the dentist is the creator of policy. The buck stops with the dentist. And since the dentist makes decisions that affect the lives of both patients and staff members, it is imperative for the dentist to gain their confidence, trust, and support.³

The importance of attaining high ethical standards is indisputable, but can ethics be "taught" to those going into the profession? As IUPUI Chancellor Emeritus Maynard K. Hine has pointed out, the way in which students perceive the code of ethics depends upon their own individual set of ethical standards—standards that are usually learned from parents during early childhood. A common belief is that if certain ethics and principles are not learned at an early age,

they will not be learned during dental school.⁴

The New Jersey Dental School incorporated a comprehensive ethics education program into its basic core curriculum in the late 1980s. In addition to benefiting the profession at large, the program was regarded by the New Jersey faculty as a way to prepare individuals to face an increasingly litigious society in which legal problems may be encountered if sound morals, values, and ethics are not practiced.

As described by several New Jersey faculty members in an article in 1989,⁵ the school's ethics program, offered throughout all four years of dental school, is a combination of lectures, discussions, peer review sessions, and seminars that emphasize the practical application of ethics to dentistry. During the fourth year students are involved in a comprehensive care system in which they are graded on record keeping and accuracy, appropriateness of treatment, decision making skills, and technical ability.

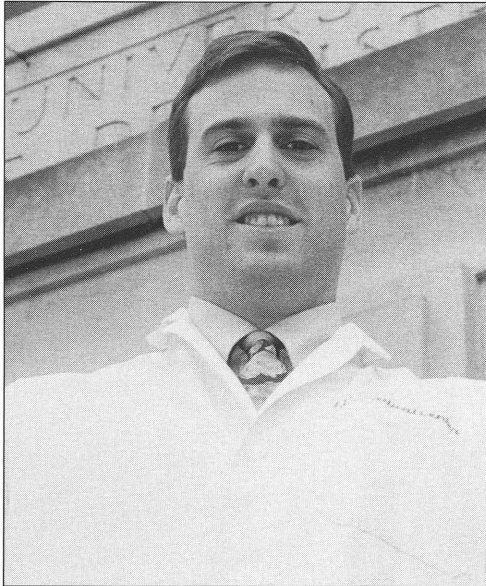
After a patient's treatment is completed, the patient and his or her records are thoroughly examined by a faculty member before the chart is assigned to a recall system. Students make oral health indices before and after treatment and a questionnaire is sent to the patient to determine satisfaction. After all of this information is evaluated, the student receives input on how he or she handled certain situations, how patient/student communication could have been improved, and what changes, if any, should be implemented in cases in which the patient is not satisfied with treatment. The overall goal of the program is to enable the student to see that the ethical aspects of dental treatment (e.g., accurate record keeping, good rapport with the patient) are as important as good technical results.⁵

Another dental school that instituted ethics instruction as an integral part of its curriculum is Baylor College of Dentistry. Baylor introduced formal ethics instruction in 1987 in the form of a lecture series developed by a health-care professional and an ethicist. The course is based on two premises:⁶

- 1) Health professional obligations, because patients are involved, vary from those of other vocations; and
- 2) Each health profession has an obligation to its future practitioners to provide a setting that allows the individual to examine, define, and analyze ethical problems germane to their chosen setting.

In keeping with these tenets, the fourth-year student lectures include discussions of such topics as "whistle-blowing," advertising, informed consent, and basic ethical theory.⁶

Despite the fact that many of a student's ethical standards are learned in childhood, most students arrive at dental school open to any ideas that help to develop character.⁷ Therefore, the dental school faculty and administrators—whether they like it or not—are often the role models a student relies upon to shape his or her views on values and ethics. The method of interaction between a student and faculty member will often carry over to the way a student



Susan Crum

Jeffery D. Stahly (DDS'92), first winner of an annual essay competition for dental students, created this year by the Indiana Section of the American College of Dentists.

interacts with a patient.

According to Dr. David Ozar, director of graduate studies in health care ethics at Loyola University, three models⁷ describe a student's position in relation to the dental profession. In the *commercial model*, the student is viewed as a consumer and the teacher as a producer. The teacher is "contracted" to provide information to the student.

In the *guild model*, the student is considered a lay person and the instructor an expert. This "all or nothing" theory says that the lay person knows nothing about the practice of dentistry until a diploma is received, at which time the lay person automatically becomes an expert. Therefore, the dental student (lay person) has no worthwhile input or ideas in regard to patient treatment or dentistry in general. What the instructor (expert) says goes, absolutely and without discussion.

Finally, in the *interactive model*, the dental student gains knowledge about and develops a certain degree of expertise in the profession during stages throughout the course of dental school. The student interacts actively with both the instructor and the patient to determine the proper course of treatment. In his article Dr. Ozar stated his belief that the interactive model is the most applicable to the teaching of ethical considerations in dentistry.

Most dental school faculty feel that the interactive model is desirable between dentist and patient, but find that they often treat the students according to the guild model.⁷ If students are open to learning certain ethical considerations about dentistry, faculty members need to examine their positions as role models and show respect for the student view. In turn, the student will respect the views of the patients and will carry that respect out of the dental school setting and into his or her professional career.^{2,7}

Another question we need to answer is: How does ethics actually come into play in the every day practice of dentistry? Herb Taylor, an enterprising gentleman who attempted to save an aluminum utensil company from bankruptcy in 1931, felt it was important to approach the business problem with honesty and integrity. Taylor developed a personal code of ethics composed of four questions.¹ He instructed his salespeople to ask themselves these questions as a guide when conducting business:

- 1) Is it the truth?
- 2) Is it fair to all concerned?
- 3) Will it build good-will and better friendships?
- 4) Will it be beneficial to all concerned?

After some initial hard times, the business not only was saved from the brink of bankruptcy, it eventually flourished.

Taylor's questions can be applied to a hypothetical example in dentistry. Take, for instance, a patient who needs to have a tooth crowned. *Is it the truth?* Does the patient really require the crown, or would a simpler, less expensive procedure be just as effective? *Is it fair?* Is the price fair to both patient and dentist? *Will it build good-will?* Will the treatment build upon the dentist/patient relationship of mutual trust and respect? Does the patient have a clear idea of what the treatment requires (e.g., multiple appointments, crown build-up procedures)? Does the dentist have a clear idea of the patient's expectations? *Will it be beneficial to all concerned?* Will the crown improve the patient's overall oral health? Will the dentist gain personal satisfaction from having provided the care?

The above example shows that ethical considerations can come into play in virtually every technical procedure performed and in every professional discussion between dentist and patient.

Ethics education can be taught by a variety of methods, but one factor should remain constant: the role of the teacher. Dental students learn most techniques in dentistry by watching how instructors perform them. I believe that dental students can learn most realistically about the role of ethics in dentistry by observing how instructors handle ethical situations. Lectures and discussions can also be valuable teaching aids.

Regardless of the methods employed, ethics instruction is essential to dental education if dentistry is to continue to evolve as a well respected and rewarding profession.

REFERENCES

1. Vermetti, J.P.: A philosophy of good dentistry. *Texas Dental Journal* 98(2): 6-12, 1980.
2. Odom, J.G.: The practical ramifications of cheating. *Journal of Dental Education* 55(4): 272-5, 1991.
3. Anderson, C.: Values and ethics—a perspective on long-term prosperity. *Journal Canadian Dental Association* 55(9): 695-6, 1989.
4. Hine, M.K.: Hine Sight. *Journal Indiana Dental Association* 66(4): 23, 1987.
5. Feldman, C.A., Saporito, R.A., and Martin, J.A.: Teaching ethics, jurisprudence, and risk management at the New Jersey Dental School. *Journal of Law and Ethics in Dentistry* 2(2): 101-106, 1989.
6. Hasegawa, T.K., Jr.: Professional ethics instruction at Baylor College of Dentistry. *Journal of Law and Ethics in Dentistry* 1(4): 230-232, 1988.
7. Ozar, D.T.: The ethical ramifications of cheating. *Journal of Dental Education* 55(4): 276-281, 1991.

IU School of Dentistry

CONTINUING EDUCATION CALENDAR

(all courses held in Indianapolis unless otherwise stated)

September 2

CE-189 Advanced Periodontic Preceptorship for Dentists
Dr. E. Brady Hancock, IU chair of periodontics, and selected IU periodontic faculty

September 9

CE-189 Advanced Periodontic Preceptorship for Dentists continued

September 9

CE-190 Improving Your Quality and Quantity of Restorative Dentistry
Dr. Gordon J. Christensen, Brigham Young University and the University of Utah, Provo

September 16

CE-189 Advanced Periodontic Preceptorship for Dentists continued

September 22

CE-191 Advanced Endodontic Preceptorship for Dentists: Lectures and Posterior Clinical Workshop
IU faculty members Dr. Carl W. Newton, chair of endodontics; Dr. Lawrence I. Goldblatt, professor of oral pathology; Dr. Michael A. Cochran, chair of operative dentistry; and Dr. Kenneth J. Spolnik, associate professor of endodontics

September 25-26

IU's 1992 Fall Dental Conference, BLOOMINGTON
(for dentists, spouses and auxiliaries):

CE-192 Fall Conference Lecture (Friday): "Headache—A Symptom Overlooked in the Dental Office?"
Dr. Dale A. Miles, IU associate professor of dental diagnostic sciences

CE-192 Fall Conference Table Clinics (Saturday)
Representing IU depts. of dental materials, endodontics, operative dentistry, oral and maxillofacial surgery, pediatric dentistry, periodontics and prosthodontics

September 29

CE-191 Advanced Endodontic Preceptorship for Dentists continued

September 30

CE-189 Advanced Periodontic Preceptorship for Dentists continued

September 30

CE-193 Dentistry in the Age of AIDS
Dr. Leonard G. Horowitz, Magnolia Dental Center, Magnolia, Massachusetts

October 2

CE-194 Ups and Downs: "Joys and Griets of Office Oral Surgery" and "All the Medicine You Wanted to Know without Going to Medical School"
Dr. Myer S. Leonard, University of Minnesota, Minneapolis

October 3

CE-195 The Auxiliary's Role in the Development and Maintenance of an Implant Practice
Lori S. Misch, Misch Implant Institute, Dearborn, Michigan

October 6

CE-191 Advanced Endodontic Preceptorship for Dentists continued

October 7

CE-189 Advanced Periodontic Preceptorship for Dentists continued

October 7

CE-197 Radiology for Dental Personnel: Pre-Exam Preparation Course (Lecture)
Dr. Thomas F. Razmus, assistant professor, and Gail F. Williamson, associate professor, both of the IU dept. of dental diagnostic sciences

October 9

CE-197 Radiology for Dental Personnel: Pre-Exam Preparation Course (Laboratory)
Dr. Thomas Razmus and Prof. Gail Williamson

October 9

CE-198 AGD Hoosier Concept 90s and Beyond: Basic Sciences = Fellowship and Mastership Program
Dr. Lawrence Goldblatt

October 10-12

CE-198 AGD Hoosier Concept 90s and Beyond: Temporomandibular Joint Disorders
IU Dept. of Dental Diagnostic Sciences—Dr. Steven L. Bricker, chair; and Drs. Dale A. Miles, Jack E. Schaaf and Margot L. Van Dis, associate professors

October 13

CE-191 Advanced Endodontic Preceptorship for Dentists continued

October 31

CE-199 Glass Ionomers; Practical Clinical Techniques
Dr. Ebb A. Berry III, University of Texas Health Science Center, Dental Branch, Houston; and Dr. Norris L. Richmond, IU professor of operative dentistry

November 3

CE-191 Advanced Endodontic Preceptorship for Dentists continued

November 4

CE-200 "Are You Losing Patients Within Your Practice?" and "Effective Accounts Receivable Management"
Jennifer M. de St. Georges, Jennifer de St. Georges & Associates, Inc., Monte Sereno, California

November 7

CE-201 CPR: Basic Life Support for Dentists and Auxiliaries
Roberta M. Hilderbrand, IU associate professor of periodontics

November 10

CE-191 Advanced Endodontic Preceptorship for Dentists continued

November 17

CE-191 Advanced Endodontic Preceptorship for Dentists continued

November 18

CE-202 Hygiene Series, Part II: Periodontal Workshop for the Dental Hygienist
Evelyn R. Oldsen, IUSD's director of dental hygiene

November 24

CE-191 Advanced Endodontic Preceptorship for Dentists continued

December 2

CE-189 Advanced Periodontic Preceptorship for Dentists continued

December 8

CE-191 Advanced Endodontic Preceptorship for Dentists—Posterior Clinical Workshop
Dr. Carl Newton and selected IU endodontic faculty

December 11

CE-204 IDA-IUSD Academy of Continuing Education Presents: The Dynamics of the Dental LASER
Dr. Terry D. Myers, American Dental Laser, Birmingham, Michigan; Dr. Robert M. Pick, Northwestern University Dental School, Chicago; and Dr. Guy Levy, Endo Technic Laser, San Clemente, California

December 12

CE-205 Electronic Dental Anesthesia Workshop
Dr. Fred C. Quarnstrom, Seattle

December 15

CE-191 Advanced Endodontic Preceptorship for Dentists—Posterior Clinical Workshop continued

January 20

CE-206 Successful Computerized Marketing and Management of the Dental Practice
Dr. Donald R. Schmitt, IU clinical assistant professor of prosthodontics; and Dr. Barry Freyberg, Deerfield, Illinois

January 20

CE-207 Radiology for Dental Personnel: Pre-Exam Preparation Course (Lecture)
Dr. Thomas Razmus and Prof. Gail Williamson

January 22

CE-207 Radiology for Dental Personnel: Pre-Exam Preparation Course (Laboratory)
Dr. Thomas Razmus and Prof. Gail Williamson

February 24

CE-209 Hygiene Series, Part III: Diagnosis, Assessment and Treatment of the Periodontal Involved New Patient
Dr. Brady Hancock

March 3

CE-210 Restoring the Non-Restorable Tooth
IU faculty: Dr. Carl Newton and the Dept. of Endodontics; Dr. Carl J. Andres, associate professor of prosthodontics, and the Dept. of Prosthodontics; Dr. Michael Cochran and the Dept. of Operative dentistry; Dr. Brady Hancock and the Dept. of Periodontics; and Dr. William F. Hohlt, assistant professor of orthodontics, and the Dept. of Orthodontics

March 6

CE-211 The Maynard K. Hine Annual Scholarship Dinner and Lecture
Scholarship Lecture "What's New in Endodontics," by Dr. Franklin Weine, Loyola University of Chicago

March 26,27

CE-212 The I.T.I. Dental Implant System Advanced Scientific Symposium
Certified I.T.I. Implant Instructors and The Straumann Company, Cambridge, Massachusetts

April 7

CE-213 Hygiene Series, Part IV: Infection Control—A 1993 Update
Dr. Chris H. Miller, IU chair of oral microbiology

April 16

CE-215 AGD Hoosier Concept 90s and Beyond: Temporomandibular Joint Disorders
Dr. Steven Bricker

April 17

CE-214 CPR: Basic Life Support for Dentists and Auxiliaries
Prof. Roberta Hilderbrand

April 17-19

CE-215 AGD Hoosier Concept 90s and Beyond: Removable Prosthodontics
Dr. Charles J. Goodacre, IU chair of prosthodontics, and selected IU prosthodontic faculty

LOOKING AHEAD

May 21

IDA-IUSD Academy of Continuing Education Presents: Porcelain Veneers in Restorative Dentistry
Dr. Mark J. Friedman, University of Southern California, Los Angeles

December 10, 1993

IDA-IUSD Academy of Continuing Education Presents: The Art of Endodontics
Dr. L. Stephen Buchanan, University of the Pacific, San Francisco, and the University of Southern California, Los Angeles

1994

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Scene from Branemark National Surgical Training Program, presented last April at IUSD by Dr. Charles Nelson, IU chair of oral and maxillofacial surgery, and Dr. E. Brady Hancock, IU chair of periodontics. Course participants observed surgery in progress by way of closed circuit television provided by IU's Medical Educational Resources Program.



Mike Halloran

“Any man’s death diminishes me...”

—John Donne

1992 graduate dies 11 days after Commencement

He was 57 years old, but John Lewis’s four-page homework paper sparkles with a youthful enthusiasm characteristic of students who are nearing the end of their training and eager to begin their own careers.

He summed up his extramural experience in the Indianapolis dental office of Karl (DDS’61) and Timothy (DDS’89) Gossweiler accordingly:

I could go on and on about the Gossweilers’ dental office, their operation and staff, and still not cover all as it should be. So I will stop at this point, and I hope you will have an understanding of what a well-run operation they have, and what great dentists and administrators the Gossweilers are.

If I were to be employed in a private practice, this is the type of office I would prefer...

John Lewis’s sudden death on May 21 ended his dream to pursue a career in dentistry.

John’s decision to go back to school in his late ’50s would have been considered highly unusual if he were a graduate student, and extraordinary if he were a dental student.

That he was enrolled as the first male dental assisting student on the IUPUI campus put John Lewis in a class by himself.

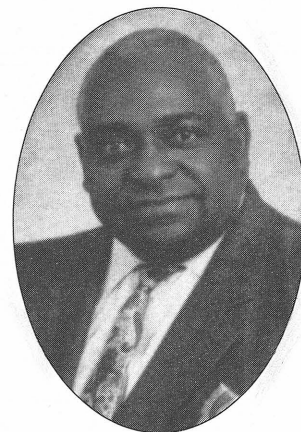
John turned more than a few heads when he first appeared in the hallways of the school last fall. A mountain-sized man with gray hair, he loomed above his 23 female classmates. He could have been a classmate of most of their grandfathers.

And, weighing somewhere in the neighborhood of 300 pounds, John was roughly the same size as his capacity for friendship. He quickly was regarded as one of the most popular individuals in the school. “John became everyone’s friend,” says Pauline R. Spencer, director of dental assisting. “It’s hard to describe the number of people he touched emotionally while he was here. He had great communication skills. John developed a special rapport with his classmates. He had a way of joking with them. Although they may not realize it yet, some day they’re going to know that they benefited from his wisdom.”

Admittedly, most people at the school were at first baffled by John’s presence. “Even I tried to talk him out of the program when he was applying,” says Professor Spencer with a smile, although it is still difficult for her to talk about her former student. “But the more I got to know him, the more I saw that John had made a well thought out decision to go into dental assisting. He was absolutely certain of what he wanted to do. He never missed a day of class. It was a dream-come-true for him to be getting back into dentistry.”

John worked as a dental assistant and dental laboratory technician for the United States Air Force for nine years. Born in Decatur, Alabama, John studied chemistry and bacteriology at Tuskegee Institute, and at the University of Cincinnati after his family moved to Ohio. He served in the U.S.A.F. for four years, and was honorably discharged.

For much of his life John was involved in food services, managing programs at a U.S. naval station in Rota, Spain, and for Boeing Services International in Sevilla, Spain, and Ankara and Izmir, Turkey. He was an executive steward and restaurant manager for Netherland Hilton Hotel in Cincinnati, and a banquet supervisor and sales manager for catering and convention services for Cincinnati’s Westin Hotel.



John Adams Lewis

After John moved to Indianapolis, he was convention services manager for the Radisson Hotel. When he began to look into institutional dental assisting positions, he found that he needed certification for radiology. That led him to the doors of the dental school.

“John Lewis would have been an asset in any dental office,” says Dr. Sybil S. Niemann, director of dental auxiliary education. “When he found out what you were interested in, he remembered it. He could find a common ground with anyone to get a conversation going.”

When Professor Spencer remarked to her class one day last October that the semester was so busy, she hadn’t even had time to carve a pumpkin for her home, the next day she discovered a 40-pound pumpkin in her office, a gift from John. On several occasions he lent his catering expertise to Dr. Rolando A. DeCastro, an IU faculty member whose wife owns a restaurant. When one of his classmates balked at chipping in 50¢ toward a class project, John quietly paid it for her.

After receiving a certificate in dental assisting, John enrolled in the school’s optional summer program in expanded functions. He was also learning more about dental laboratory technology from Indianapolis technologist Terry Banks, who is the husband of IUSD graduate Roschelle Major-Banks (DDS’89).

Because of John’s record of perfect attendance, Professor Spencer sensed that something was wrong as soon as she learned he had failed to show up on the ninth day of the six-week expanded functions program. Then word came that John had apparently died in his sleep the night before.

The death of this unique man shocked and saddened his many friends at the school. “We lost a potentially great ambassador for dentistry,” says Dr. Niemann. “John was the kind of person that dentists want in their practices.”

“(I received) such a warm welcome,” John wrote with a touch of wistfulness about his first day at the Gossweilers’ office. *“One would think that I was employed there and had just returned from vacation.”*

It seems that the Gossweilers and their staff extended the same hand of friendship to John Adams Lewis that he so happily extended to those who were lucky enough to cross his path.

John Lewis’s survivors include four sisters: Mrs. Ester Garth, Toledo; and Rev. (Mother) Mable Zackery, Mrs. Gertrude Driver, and Mrs. Minnie Payne, all of Cincinnati.

G.C. Hagman Completes Year as President of Hinman Society

IUSD Class of 1961 graduate Dr. Gerrit C. Hagman presided over the annual meeting of the Thomas P. Hinman Dental Society, which attracted 20,000 participants to Atlanta, Georgia, March 13-16, 1992.

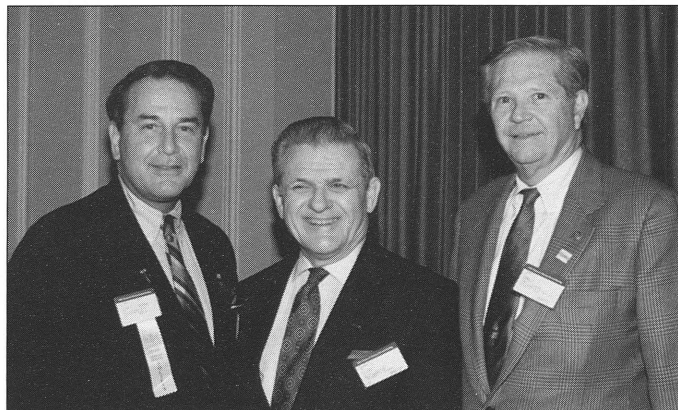
Since completing an IU master's degree in periodontics in 1963, Dr. Hagman has practiced in Atlanta. He has served as president of the Southern Academy of Periodontology and the Georgia Society of Periodontists. He is a fellow of the American Academy of Periodontology, American College of Dentists, and International College of Dentists.

The Hinman Society is an honorary volunteer organization that annually orchestrates one of the dental profession's largest meetings, offering a combination of continuing education

courses and scientific exhibits.

This year's session brought about a reunion between President Hagman and one of his former IU teachers, Dr. Lloyd J. Phillips, of Indianapolis, who also happens to be serving as president of another prestigious organization, the USA Section of the International College of Dentists.

Dr. Hagman was pleased to be able to spend some time with Dr. Phillips, whom he credits for fostering his interest in the field of periodontics. Dr. Phillips, a 1954 dental graduate of IU, was for many years a part-time IU assistant professor of periodontics.



PRESIDENTS (AND FORMER STUDENT/TEACHER DUO) LINK UP IN ATLANTA. *From left: Dr. Gerrit Hagman, president of the Thomas P. Hinman Dental Society, shares a moment with Dr. Lloyd Phillips, president of the USA Section of the International College of Dentists, and Dr. Donald Johnson, regent of the ICD's USA Section, during the Hinman Society meeting in Atlanta, Georgia. Dr. Phillips was one of Dr. Hagman's periodontic teachers at IU in the 1960s; today Dr. Phillips gets credit from Dr. Hagman for helping him cultivate an interest that ultimately evolved into his career.*



IDA photos by Mike Halloran

Award recipient Dr. Betty J. Koss with incoming IDA President Duane E. Compton

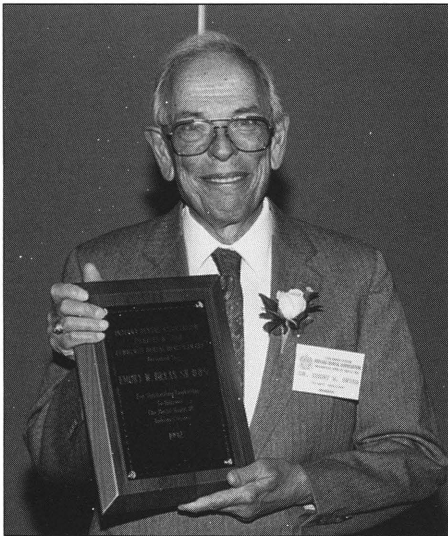
IDA'S TOP AWARDS GO TO IUSD ALUMS

Dr. Betty J. Koss (DDS'51), Leesburg, and Dr. Emory W. Bryan, Sr. (DDS'40), Fort Wayne, have received the Indiana Dental Association's highest awards for 1992. They were honored at a program held during the IDA's 134th annual session in Indianapolis, April 29-May 2.

The Distinguished Service Award was presented to Dr. Koss for her contributions to dentistry spanning more than four decades. Dr. Koss is a charter member of the Indiana Unit of the American Society of Dentistry for Children and charter president of the Indiana State Society of Pediatric Dentistry. Long regarded as a pioneer for women in dentistry, she was the first elected to the staff of the pediatric dentistry department of the oral surgery section at Meth-

odist Hospital of Indianapolis, and the third woman in the nation to attain fellowship status in the International College of Dentists.

The Charles W. Gish Community Dental Health Award was presented to Dr. Bryan, who has donated his time and efforts to a variety of community services and projects throughout his career. For the past 25 years Dr. Bryan has fabricated dentures and performed oral screenings as a volunteer dentist for the Matthew 25 Dental Clinic in Fort Wayne. He currently works with St. Joseph's Medical Center on the Chapter II program for senior citizens and has also contributed to projects sponsored by the Central Lions Club, Mizpah Shrine, American Legion Post 47, and the Allen County Council on Aging.



Dr. Emory W. Bryan, Sr.

Among the other awards and citations presented during the celebration/awards ceremonies was Dean's Council recognition given to several persons for their support of the IDA/IUSD Endowment Program. Dr. Gordon R. Arbuckle (DDS'67), Indianapolis, and Dr. Bernard B. (DDS'71) and Linda Dreiman, Marion, were welcomed as new members of the Dean's Council. Dr. James W. Huckelberry, who had resided in Indianapolis, was recognized posthumously for a contribution to the Dean's Council given in his name by his wife, Ama Huckelberry.

Guest speaker for the awards program was Gerald L. Bepko, Indiana University vice president (Indianapolis) and chancellor of IUPUI. He addressed the growth, development, and future of the new national model of urban higher education in Indianapolis and its application to IUSD.



IDA guest speaker, IUPUI Chancellor Gerald L. Bepko

DR. DELLINGER GETS A "CLASSIC" SURPRISE

Orthodontists considered it a fine paper in its day.

Apparently, Dr. Eugene Dellinger's award-winning article from 25 years ago is holding its own against the test of time.

While Dr. Dellinger (DDS'63, MSD'65), of Fort Wayne, was traveling in his automobile recently, he decided to pass the time by listening to the latest audio cassette tape to arrive from a literature review service he subscribes to as an orthodontist. Titled "Practical Reviews in Orthodontics," the tapes are officially endorsed by the American Association of Orthodontists (AAO).

This year, the monthly service added a discussion segment devoted to articles judged to be "classics" in the orthodontic literature. A total of 12 articles (one each month) will be chosen from the past seven decades of literature.

And so, as Dr. Dellinger journeyed down the highway, he popped the tape into his tape-deck and prepared to be enlightened by the ideas of a professional in his field. What he heard instead, to his astonishment, was a discussion of his own work, completed while he was enrolled in IU's graduate orthodontic program.

Submitted to IU to fulfill requirements for an MSD degree, his thesis, entitled *Histologic and cephalometric investigation of premolar intrusion in the Macaque speciosa monkey*, was subsequently whittled down to article size by its author and re-submitted in 1966 to the AAO's Milo Hellman Essay Prize Contest. After winning that, the

article was published in the May 1967 issue of the *American Journal of Orthodontics*, where 25 years later it caught the eye of Dr. Vincent Kokich, a professor of orthodontics at the University of Washington who serves as one of the literature service's three reviewers.

A "classic" article, as described on the tape, is "an article from the past orthodontic literature that had when it was published—and still has today—important implications with regard to orthodontic treatment."

Of the four articles that Dr. Kokich will single out as classics during the year, he chose Dr. Dellinger's first. "Intrusion of teeth is a debated topic," he says on the tape. "Some orthodontists feel that it is difficult, if not impossible, to intrude teeth. Others believe that intrusion isn't necessarily difficult to produce, but may result in apical root resorption. Over the years, there's really only been one good study that has documented intrusion and its effects both cephalometrically and histologically.... Dr. Dellinger has shown that with properly directed and managed forces, teeth can be intruded into their alveoli with minimal root resorption and tissue damage."

Editors of the *IUSD Alumni Bulletin* are pleased to share news of Dr. Dellinger's special recognition with their readers. And we hope that Dr. Charles J. Burstone (MSD'55), past chair of IU's orthodontic department and current head of the University of Connecticut's orthodontic program, is as proud of his former grad student as we are!

Fleet-footed Tina

Fairmount, Indiana, is famous as the hometown and final resting place of that legendary rebel without a cause, film actor James Dean. Someday, the small Hoosier town may also be known for its fleet-footed resident, Dr. Christine M. Root (DDS'86).

Many of us at the dental school recall that Dr. Root, now a practitioner in

Marion, was an avid and talented runner during her dental student days. (A month before she graduated, Tina crossed the finish line in the 26.2-mile Boston Marathon in 3 hours, 21 minutes—coming in a respectable 150th out of 780 female participants.)

This past May, about 15,000 runners from around the nation hit the streets of

Indianapolis to compete in the annual "500" Festival Mini-Marathon, a 13.1-mile course that begins on The Circle downtown and ends with a lap around the track at the Indianapolis Motor Speedway.

We were pleased to see from a report in the *Indianapolis Star* that Dr. Root ran with the front of the pack. She finished an impressive 9th in the women's division with a time of one hour, 29 minutes, 9 seconds.

Congratulations, Dr. Root, for a jog well done!

1923

Dr. William C. Parker, an Indianapolis resident for the past six years, died May 10, 1992. He had served in the U.S. Public Health Service, Armed Forces, for 30 years, retiring in 1953. Dr. Parker was a member of Xi Psi dental fraternity. He is survived by his wife, Harriett; sons, William L. and Robert A. Parker; eight grandchildren; and eight great-grandchildren.

1926

Dr. Harold C. Dimmich, West Lafayette, shares with us a bit of history pertaining to the period after Indiana Dental College became the IU School of Dentistry on June 1, 1925. He says in part:

The class of 1926 was the first class to go to Bloomington for IU Commencement, which was held in the old Memorial Stadium (in the hot sun). Ninety-five per cent of our class had never been to Bloomington and the chances are that about that many would never see IU—or Bloomington—again.

In previous years the Indiana Dental College had had its own yearbook, the IDENT. When we became part of IU, the dental school was included in the 1926 Arbutus for the first time. Representing the dental school as business manager was classmate Herbert W. Mason (now deceased). I was the editor-in-chief. There were several necessary trips to Bloomington, but we managed to have a very decent entry in the Arbutus. In those years Frederic H. Henshaw was dean of the dental school and William Lowe Bryan was president of IU.

Dr. Dimmich may be interested to know that the Dental Class of 1978 picked up the Indiana Dental College's tradition of producing an in-house yearbook. All but one class has produced a yearbook since then.

1927

In his recent communications round-up, Dr. Delmar R. Faun, Colfax, reports that he

received a phone call from Dr. Joseph P. Loselle, Grosse Ile, Michigan, as well as letters from Dr. Russel A. Gaunt, Marietta, Ohio; Dr. William F. Urankar, Fort Myers, Florida; Mrs. Paul H. Asher, Greenwood; and Mrs. Kem R. Brooks, New Smyrna Beach, Florida. Health problems and long distances prevented most of the remaining class members from participating in the 65th annual reunion in Indianapolis in May. But Mrs. Brooks says that Kem still enjoys his ham radio meetings, and Irene Asher writes that she and Paul celebrated their 65th wedding anniversary on April 15.

1929

During a visit to the dental school in the spring, David C. Kem, MD, son of Dr. Charles E. Kem, Richmond, reported that his father died on March 15 after a brief illness.

Dr. Kem was born in Lynn in 1906. After graduating from IUSD he practiced in New Paris and Camden, Ohio, before moving to Richmond in 1936. He retired in 1983 after a career spanning 54 years.

The Kem family is especially saddened by the timing of Dr. Kem's death because for several years he had been looking forward to being part of a very special occasion in June of 1992. "It was a source of great pleasure to my dad that one of his namesakes and grandsons, David Edward Kem, was graduating from the University of Oklahoma School of Dentistry on June 7, which also would have been Dad's 86th birthday," Dr. David Kem wrote in a recent letter.

Dr. Kem was Affiliate Past Master of Richmond Masonic Lodge 196 and a member of First Friends Meeting, Indianapolis Valley of Scottish Rite, and Whitewater Valley Scottish Rite Club. He was a past president of the Indiana Society of Oral Surgeons and had served in various offices of the Eastern Indiana Dental Society. He also served on the New Paris, Ohio, school board and on parent-teacher association committees of Wayne Township schools and Earlham College.

In addition to his son David, of Edmond, Oklahoma, Dr. Kem is survived by his wife, Janice, whom he married in 1933; sons, Sam (Arlington, Virginia), Jan (Newark, New York), and William (Gainesville, Florida); 13 grandchildren; four great-grandchildren; and four nephews.

"Dad was very appreciative of the IU School of Dentistry, and the value of its education to him as a young lad just off a farm," wrote Dr. Kem's son. "A memorial fund for dental students is being set up at IUSD in his name." Dr. David Kem is a professor and endocrinologist in the Endocrinology, Metabolism and Hypertension Section of the Department of Medicine at the University of Oklahoma, Oklahoma City.

1931

Dr. George B. Haworth, Linton, died April 16, 1992. His wife, Jessie, survives.

1936

Address: Dr. Robert E. Wilson, 1002 Scotia Village, 2200 Elm Avenue, Laurinburg, NC 28352

Dr. Harold M. Crockett, Indianapolis, died May 29, 1992. Before setting up a practice in Indianapolis, Dr. Crockett had served as chief of dental services in a hospital in Manila, Philippines and had been a dentist in Rockville, Indiana, for three years. He practiced in Indianapolis for 17 years and retired in 1964. He was an Army veteran of World War II.

Dr. Crockett is survived by his wife, Harriett; daughters, Linda Armstrong and Sharon Kay Mutter; sons, David Martin and William P. Crockett; and 11 grandchildren.

1940

Dr. Ernest H. Porter, Yorktown, died March 10, 1992. He was a life member of the IU Alumni Association.

Born in Burns City and raised on a nearby farm, Dr. Porter set up a dental department for the National Youth Administration of Indiana after graduating from dental school. He briefly sublet the Bloomfield dental practice of Dr. Frederick Heidenreich (DDS'38) when Dr. Heidenreich was called into the service.

Dr. Porter's five-year stint in the Army Dental Corps during World War II included two years in Europe. He was trained in the Air Force medical service. Dr. Porter described dentistry in the fields of France as "primitive" when we spoke with him two years ago. His Army buddies fashioned a makeshift trailer for him to use for his patients. "Somebody dug up a generator from someplace for my power. We took a Black & Decker quarter-inch, single-speed drill and hooked it up to my foot engine. I 'controlled' the speed by flipping the 'on' and 'off' button with my foot!"

Dr. Porter returned to Indiana and set up a practice in Muncie in 1947, where he practiced for 43 years. "Dentistry is hard work, but I enjoyed it—and I enjoyed the patients. Some patients who came to me in the first few months of my practice were still with me when I retired." Dr. Porter turned over his practice to Dr. Gregory Pyle (DDS'89).

Dr. Porter is survived by his wife, Mayro, whom he married in 1942.

1947

Address: Dr. William I. Lawrance, 5211 Windridge Drive, Indianapolis, IN 46226

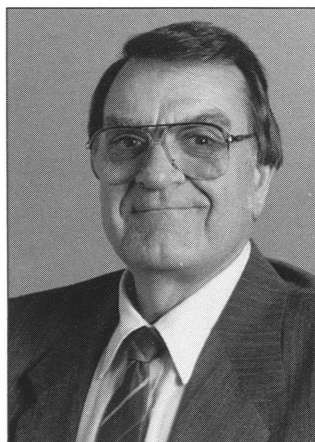
1954

A nice postcard from Dr. and Mrs. William Parks, East Shore, Yellow Bay, Bigfork, Montana 59911. Dr. Parks says he is now retired and currently (March '92) enjoying a trip to St. Croix. The Parks also have started a tradition that lets them enjoy their Christmas cards all year long. "Each day we take a card and pray for the people who have sent it," they report. "It's a special blessing for us in that we get to enjoy the card twice."

Dr. Cecil F. Bachele, Punta Gorda, Florida, died April 20, 1992. He had been a practitioner in Pittsboro. Dr. Bachele was an Army veteran of World War II. His survivors include his wife, Norma; sons, Robert and Rodger Clark; daughters, Melinda Epperson, Barbara Bachele-Apel, Mary Shaw and Susan Bachele; and six grandchildren.

1958

Dr. R. Jack Cassingham (MSD/Periodontics '79), New Orleans, was installed as president of the Louisiana Dental Association for 1992-93 during the annual meeting in Alexandria, Louisiana, in April. Dr. Cassingham is acting head of the Department of Periodontics at Louisiana State University School of Dentistry and a part-time practitioner of periodontics.



Dr. Jack Cassingham

Address: Dr. Guy H. Janssen, 1889 Orchard Court, Crown Point, IN 46307

1960

Address: Dr. Don Charles Nesler, 2226 Rome Drive, Indianapolis, IN 46208

1965

Address: Dr. Jack Hoerath, 2192A South Victor Street, Aurora, CO 80014

We've heard by way of Associate Dean Henderson's office that Dr. George A. Tiffany has retired from his practice at 370 Medical Drive #D, Carmel, IN 46032. The

practice has been taken over by Dr. Linda M. Hoss ('83).

1967

We've received a note from Dr. Thomas F. Pequignot, Fort Wayne, who reports that he retired from his family practice in August, 1991.

1972

Address: Dr. James E. Williams, 10865 S 700E-92, Roanoke, IN 46783

1974

Address: Jeanne M. Schmitt (ASDH), 2105 Grant Street, Elkhart, IN 46514

1975

Address: Dr. Kenneth R. Hyde, 911 Wall Street, Valparaiso, IN 46383

1977

Addresses: Dr. Donald S. Miller, 1865 W. Fox Farm Road, Manistee, MI 49660

Albino M. Perez, Jr. (ASDT), 5071 S. 875 E, Laotto, IN 46763

1982

Address: Rachelle Wiggan Humphrey (ASDH), 76 Kempfshall Terrace, Fanwood, NJ 07023

1983

Dr. Linda M. Hoss has taken over the practice of Dr. George A. Tiffany ('65), who recently retired. Her office address is 370 Medical Drive #D, Carmel, IN 46032.

1985

We were pleased to have a surprise visit from Dr. Ronald R. Zentz, who recently dropped by the school to update us on his activities since graduation.

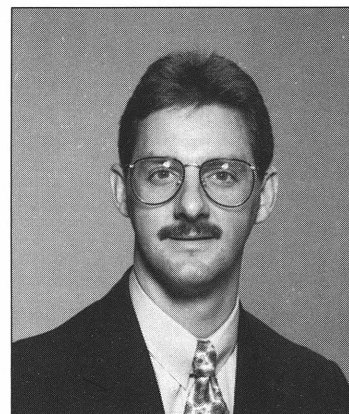
Dr. Zentz has been employed for the past year as associate director of clinical research for the Laboratory Products Division of Dentsply International in York, Pennsylvania. In this position he is involved with product development and comparisons as well as design, implementation, and monitoring of clinical studies, both in house and in conjunction with universities. Dr. Zentz is also active in the education and customer service branches of Dentsply.

After completing a one-year postdoctoral residency in general dentistry at the V.A. Medical Center in Indianapolis in 1986, Dr. Zentz was employed as an associate dentist in Syracuse, New York. In 1989 he accepted a position as General Dentist for Health Services Association, a health maintenance

organization in Syracuse. A year later he was named chair of the association's dental department.

Dr. Zentz's classmates may remember that during dental school he worked part time as a certified poison information specialist at Wishard Hospital (he holds a baccalaureate degree in pharmacy from Butler University). Dr. Zentz went on to serve as a consultant to the Central New York Poison Center for five years.

Dr. Zentz and his wife, Pamela, are in the process of moving, and expect to be at their new address (2706 Chestnut Run Road, York, PA 17402) in August.



Dr. Ronald Zentz

Address: Dr. Christopher A. Burns, 8927 Briggs Way, Indianapolis, IN 46256

1987

Address: Dr. Bruce P. Benifiel, 10370 Patricia Church Drive, Granger, IN 46530

1990

Dr. R. Keith Rooney has recently taken over the practice of Dr. James Edwards (DDS '63) at 7625 S. Meridian, Indianapolis IN 46217. Dr. Rooney and his wife, Angie, reside at 5908 Sunwood Drive (46224).

Address: Karen Ringgenberg Long (ASDH), 6836 East 800 North, Brownsburg, IN 46112

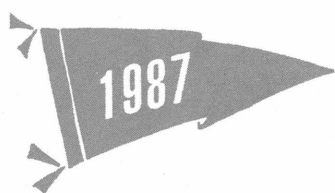
1991

Addresses: JoAnn Cardwell (ASDH), 4489 Lookout Road #3, Virginia Beach, VA 23455

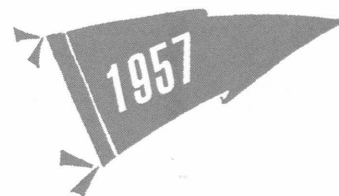
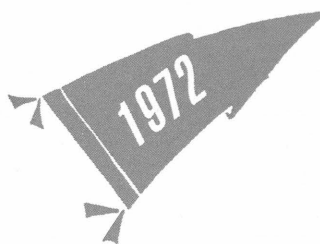
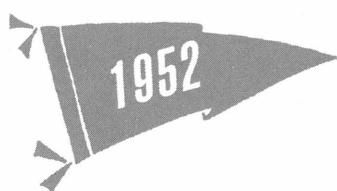
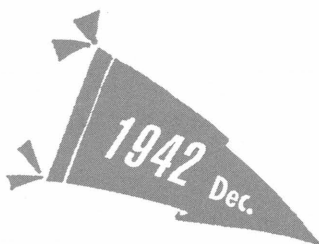
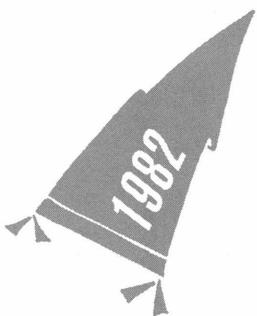
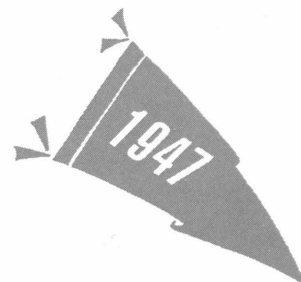
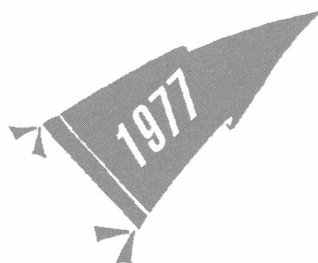
Dr. Poey-Ling Loh (MSD/Prosthodontics), Blk 644, Yishun Street 61, #08-308, Singapore 2776, Republic of Singapore



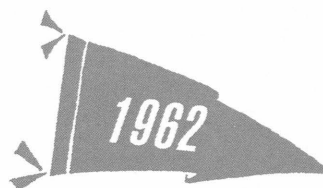
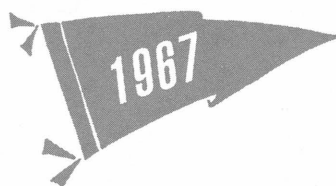
**50TH ANNUAL
FALL DENTAL ALUMNI CONFERENCE
ANNIVERSARY CELEBRATION**



**September 24-26, 1992
Bloomington, Indiana**



**Indiana University School of Dentistry
Alumni Association**

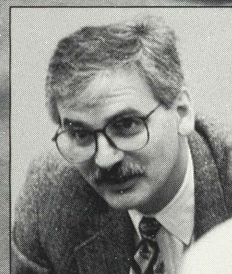




Prof. Donna Abrams



Dr. Ray Maesaka



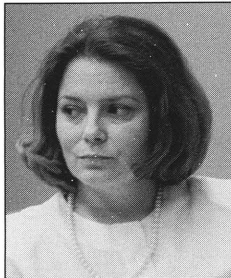
Dr. Carl Newton

Michigan Street Memos

'A' Is for Assessment

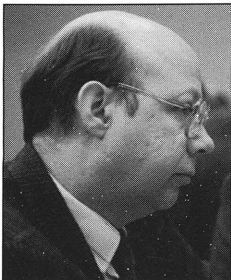
Series of faculty conferences set the stage for October's ADA site visit

Fortified with a new mission statement, a new clinical system, and a foresighted faculty, the Indiana University School of Dentistry is preparing for a special group of visitors who last came our way a decade ago.



Ms. Sally Phillips

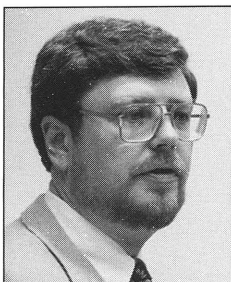
They are representatives of the American Dental Association's Commission on Accreditation, and they will conduct a thorough review of the school and its program during a site visit the week of October 26.



Dr. Byron Olson

Gilmore, the dental faculty and administration have pooled energy, ideas, and resources to conduct their own exhaustive review of the school's programs and teaching techniques.

Using a workshop format requiring input from all full-time faculty members, the group has participated in a series of meetings aimed at identifying effective



Dr. Michael Cochran



Dr. Abdel Kafrawy

specific problems and challenges inherent in lecture, laboratory, and clinical course formats. Leading the effort were Dr. Christianne J. Guba, director of advanced education in general dentistry; Dr. Carl W. Newton, chair of endodontics; and Dr. Sybil S. Niemann, director of dental auxiliary education.

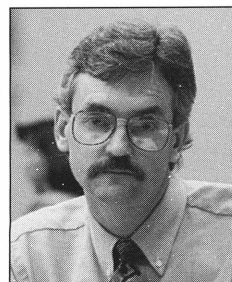
"The conference went very well," said Dr. Lawrence I. Goldblatt, who represents faculty and staff on the accreditation committee. "It was the first time that I believe everybody was able to conceptualize the entire picture of what the school is trying to do in terms of identifying outcomes assessment and assessment mechanisms. By listening to input from many difference sources, the concept of what a viable assessment tool is, and what it's supposed to accomplish, becomes clearer."



Dr. Sybil Niemann

tive outcomes assessment tools for each of the classes offered by IUSD.

During one session last January, the group targeted currently employed techniques to pinpoint



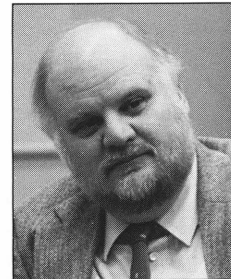
Mr. Hunter Rackley

The accreditation committee followed up on June 2 with another assessment conference, which added a session in which a panel of students addressed the faculty, lending an invaluable

student perspective to the overall view of how the IU dental school imparts an education to its students.

Although recent meetings have been conducted with the ADA's site visit in mind, Dr. Goldblatt sees a broader scope to the work being undertaken by the faculty.

"Fortunately, outcomes assessment has now become a permanent part of higher education," he said. "Outcomes assessment should be viewed not as the 'last phase' in an education program, but rather as one phase in a continuous cycle that has no end and no beginning. This concept is just now becoming clear in higher education, and I think that we are among the schools—both on campus and in general—that have come the farthest in advancing methods and mechanisms of assessment."



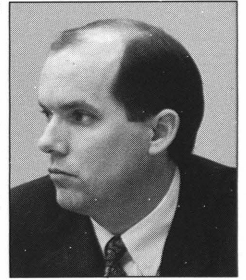
Dr. Michael Stropes



Dr. Carol McKown

Faculty member Dr. Christianne J. Guba (opposite page) fields questions during one of the school's site visit preparatory conferences held in the past two years.

Photos by Susan Crum



Dr. Jeffrey Dean

So Long, Mr. Sangalang

After more than 22 years of flasking, boiling, packing, and curing, IU lab technician Jose S. Sangalang casts an eye toward distant shores.

Jose "Jessie" Sangalang's last day as one of Indiana University's prosthodontic laboratory technicians was May 15, 1992, but don't look for him to surrender the tools of his trade entirely.

He plans to continue working for area dentists in a laboratory he maintains at his northside Indianapolis home. Jessie says that retirement from IU frees up the time he wants for traveling and enjoying his family.

Born and raised in Manila in the Philippine Islands, Jessie was originally a dentist by profession, having earned his doctoral degree from Philippine Dental College. When he and his wife, Nilda, also a dentist, moved to Indiana to be near some of Nilda's family, Nilda decided to earn the American equivalent of her dental degree. She is a 1973 alumna of the IU dental school and a private practitioner on the northwest-side.

Jessie credits his early exposure to dentistry for his own decision not to pursue the dentist's role after coming to America. "I got used to the technical aspects of dentistry early on," Jessie said recently. "My father was a dentist, and I was helping him in his lab by the time I was 20. I practiced in Manila for 13 years, but I didn't miss it after I came here. I was always attracted to the technical part. For me, working with a denture is a form of art. And it requires much skill."

After working for a while for Ito & Koby dental laboratory, Jessie was hired in 1969 by Dr. James E. House, former IU chair of complete denture, and proceeded over the years to work for succeeding chairs Drs. Robert H. Derry and A. George Wagner, and then for Dr. Charles Goodacre when the complete denture department merged with crown and bridge to form the Department of Prosthodontics. Each of his supervisors earned Jessie's respect, but he says he was especially close to Dr. Derry, with whom he worked the longest.

"We had a lot of the same hobbies in common," Jessie said. "We communicated well together, and I think that it led to my best work. Dr. Derry is a very generous man, and he was really good to his employees."

Jessie failed to mention that he, too, acquired a reputation for extraordinary generosity during his years in complete denture. A little known fact outside of the department was that in the late '70s, Jessie enjoyed treating the clerical and sterilization staff members to bag lunches driven in to the department from nearby fast-food restaurants.

Jessie did not buy lunch for his co-workers once or twice a year, or on special occasions—he did so routinely. One staff member from that era estimates (conservatively) that she participated in at least 50 such noon-time gatherings of a half-dozen employees.



Jose "Jessie" Sangalang

file photo

Jessie never asked for anything in return, and he never seemed to find anything remarkable in this remarkable habit.

Dentistry from the lab technician's chair was anything but dull, says Jessie. He received every off-the-wall request imaginable. He recalled one gentleman who wanted gold decorations placed on three of his front teeth: a star, a heart, and a half-moon. (Jessie quit fulfilling such exotic requests from dental school patients long before he retired.)

After Nilda's retirement the Sangalangs hope to divide their time between residences in Indianapolis and the Philippines, where they own coconut and rice plantations. Their children—Sandra, Tanie, and Jose ("Joey"), all live in Indianapolis. Sandra and her husband, Jun DeCastro, are the parents of Jessie's three-year-old grandson, R.J.

With trips to Canada and Florida on the summer horizon, Jessie already has airline tickets for an excursion to Rome in the fall. Spare time, he says, is the best thing retirement has to offer. "I'm going to relax and enjoy being my own boss for a change," he said. "I'm not going to worry about anything."

Kurt Martin Chosen to Participate in Two Prestigious Programs

Kurt F. Martin, a member of the IU dental class of 1993, is one of 45 dental students in the nation to receive a travel grant from the American Association for Dental Research. The students traveled in July to Glasgow, Scotland, to present research projects at the annual session of the International Association for Dental Research. The grants were funded by the Block Drug Company.

Kurt presented results of a study concerning the facial features of persons with inherited clefts of the lip and/or

palate. He undertook the project two years ago after being awarded a short-term research training grant from the National Institutes of Health. Kurt completed the work under the guidance of Dr. David Bixler, professor and chair of oral facial genetics at IU.

After the trip to Scotland, Kurt spent the last two weeks of July in a special program as a dental resident in the oral and maxillofacial surgery division of the Mayo Clinic in Rochester, Minnesota. He was one of only three students in the

nation to be selected for this residency, which can be applied toward his graduation requirement of completing an off-campus clinical experience.

Kurt is a 1985 graduate of New Palestine High School. He completed his pre-dental studies at the University of Texas Health Science Center in San Antonio. Kurt is currently president of the IU dental school's Student Affairs Council and a delegate to the American Student Dental Association.

Establishing Ties at Toluca

Deans Tello and Gilmore sign friendship agreement

They've been good friends for a long, long time.

But Universidad Autonoma del Estado de Mexico (UAEM) and Indiana University School of Dentistry finally decided to make it official. In March of 1992, IU Dental Dean H. William Gilmore and faculty representatives journeyed to Toluca, Mexico, where an Agreement of Friendship and Cooperation was signed, symbolizing an alliance that will promote educational and cultural exchange between the two dental schools.

"As the future unfolds, the field of dental education, like most other major enterprises, is expanding and relying more and more on the international community for educational and research development," Dean Gilmore wrote to Dean Emilio Tello shortly before leaving for Toluca. "This extensive collaboration has created many opportunities and alerted us to the need to renew commitments to our colleagues in other countries."

The two schools have long enjoyed a close relationship, primarily because of the efforts of the graduates of UAEM who have gone on to do their postgraduate work at IU. Correspondence initiated by Dr. Carlos Carrillo, a 1978 dental graduate of UAEM and 1983 graduate of IU's operative dentistry program, opened dialogue with Dean Gilmore that eventually led to the agreement.

The link is especially strong between Toluca and IU's Department of Operative Dentistry, the division in which many Mexican dentists (from several other universities as well) have chosen to do their advanced training. In 1990 operative dentistry faculty members Dr. Melvin R. Lund, former chair of the department, and Dr. Timothy J. Carlson, associate professor, presented an extensive three-day continuing education course in Toluca.

The most recent trip also was planned to coincide with a continuing education program. Representing IU this time



With pens in hand—and with the assistance of an interpreter (fourth from the left)—Dean Gilmore (seated left) and Dean Tello place their names on a contract that signifies a special commitment between the dental schools at IU and UAEM in Toluca, Mexico. Also witnessing the symbolic moment are Mrs. Carl (Ida) Andres; Mrs. H. William (Kathryn) Gilmore; Dr. Andres; Dr. Angel Francisco Carranza; Dra. Rosalia Contreras; Dra. Martha Goël; and Dr. David R. Avery. Dra. Goël is IU's most recent graduate from Toluca; she completed the Master of Science in Dentistry degree in operative dentistry in November 1991.

were Dr. David R. Avery, professor and chair of pediatric dentistry, whose topic was pulp therapy in pediatric dentistry; Dr. Carl J. Andres, associate professor of prosthodontics, who discussed osseointegrated implants in clinical dentistry; and Dean Gilmore, who spoke on dental school management and administration.

"It was pleasing to see the sizeable nucleus of IUSD's graduates working in Mexico," said Dr. Gilmore upon his return. "The challenges in dentistry are always greater for those with fewer

resources. A lack of funding and technical materials, in combination with the unique disease patterns presented by the population at large, creates special problems in Mexico that need to be solved by our graduates. We appreciated the gracious hospitality of our hosts and their families during our stay in Toluca, and we are looking forward to reciprocating. Dean Tello and selected faculty from his school are planning a visit to Indianapolis to see what opportunities we have to offer with regard to faculty enrichment programs."

IU PROFS WRITE RADIOLOGY TEXTS

The W.B. Saunders Company has announced its publication of a new textbook by IUSD faculty members Dale A. Miles, Margot L. Van Dis, and Thomas F. Razmus, all of the Department of Dental Diagnostic Sciences.

Dental students are the target audience for *Basic Principles of Oral and Maxillofacial Radiology*, which was released in June.

In addition to covering the basics, the book describes contemporary imaging modalities such as CT, MRI, and electronic imaging, and includes a discus-

sion of the first commercially available CCD (charge-coupled device) intraoral x-ray unit in use today.

Saunders also announced that the third edition of *Exercises in Oral Radiographic Interpretation* became available in April 1992. Authors of this textbook are Dr. Robert M.F. Langlais, a faculty member at the University of Texas Health Science Center at San Antonio, and Dr. Myron J. Kastle (DDS'62), IU's Howard Riley Raper professor emeritus of radiology and former chair of dental radiology.

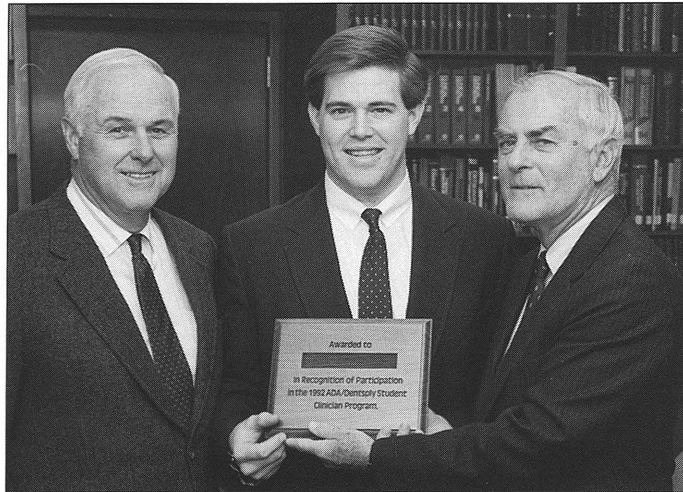
Local Table Clinic Winner Prepares for National Competition

Somewhere in Orlando, Florida, we hope there's a chaise longue with Richard E. Jones's name on it.

For his efforts in the spring of '92, Mr. Jones deserves to bask a bit in the sun during an expense-paid trip to Florida scheduled for October in conjunction with the 133rd annual session of the American Dental Association.

The third-year dental student has won the ADA/Dentsply International Student Clinician Award (including trip) for preparing a table clinic entitled *Cephalometric Analysis of Children with Turner Syndrome*, which was presented during the dental school's annual Table Clinic Day.

"Turner Syndrome is a genetic disorder of the sex chromosome affecting females," says Mr. Jones, who worked under the guidance of Dr. Kirt E. Simmons, assistant professor of orthodontics. "The patients we observed



Dental student Richard Jones (center) accepts the winner's plaque from Bill Ward (right), representing the York Division of Dentsply International. Dean H. William Gilmore joined in the award presentation.

had small retruded mandibles and maxillas, and short posterior cranial bases."

The Dentsply competition was one of six categories offered during Table Clinic Day, headed by Charles J. Palenik, professor of oral microbiology and longtime chair of the school's Es-

say/Table Clinic Committee. Also receiving an award was third-year dental student Matthew D. Pate, whose clinic, *Computer Generated Cephalometric Analysis*, caught the attention of the Indiana Section of the American Association for Dental Research.

Winners in other categories were announced during the school's Honors Day program in May (see report beginning on the following page).

Mr. Jones is the only winner whose clinic goes on to face competition at the national level. In Florida he will compete against award-winning clinics from dental schools throughout the country. He recently had a chance to polish his presentation at the annual session of the American Association for Dental Research in Boston.

Plans are already under way for a special Table Clinic Day in 1993. In search of ways to bring research activity to the forefront of predoctoral dental education, the school is organizing its first all-day, off-site research program for students and faculty that aims to spark scientific imagination and facilitate interaction and exchange of ideas between and among both groups.



Dental student Matthew Pate (seated) shows John Herber (DDS'92) a computerized method of taking cephalometric measurements in the orthodontic office.

Photos by Mike Halloran

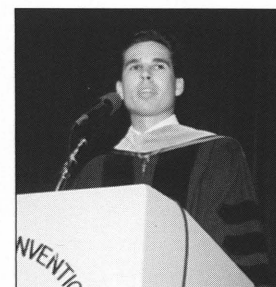
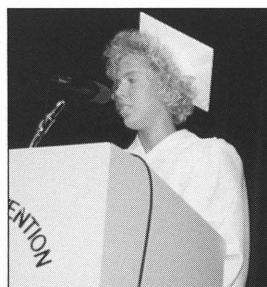


IUSD CLASSES OF '92 *Welcomed into the Profession*

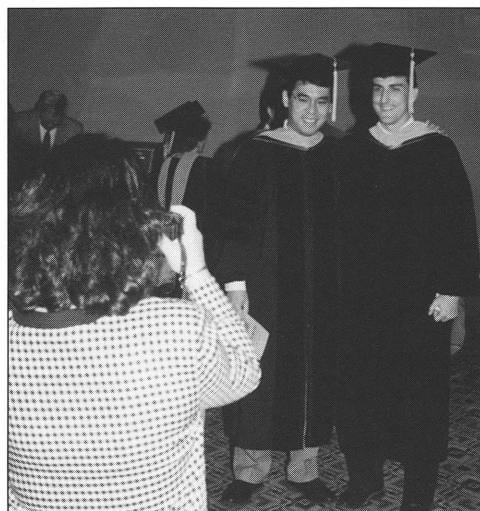
THE BEST KIND OF MOTHER'S DAY. Just ask Jennifer Satterfield's mom, Kathleen Johnson.



During ceremonies held on the IUPUI campus in April, Theta Theta Chapter of Omicron Kappa Upsilon Dental Honor Society inducted its newest members. They are, from left: Marybeth Brandt, Myriam E. Hudicourt Raber, Jonathan W. Reitz, Michelle M. Lecklitner, Darin B. Ashcraft, Malinda G. Mundy-Burgett, Robert L. Gottschalk, Janet M. Dombrowski, Steven R. Schimmele, and Susan E. Draheim. Dr. Hudicourt Raber was named OKU's outstanding student.



Student presidents giving farewell addresses on behalf of their respective classes are (left) Gretchen A. Willkie (dental hygiene), (above) Stephanie J. Patrick (dental assisting), and Christopher W. Gall (dentistry).



Dental graduates Noboru N. Yamazaki (left) and Rodney L. Gunning strike the pose.



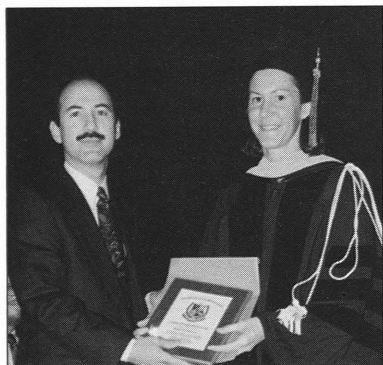
Theta Chapter of Sigma Phi Alpha Dental Hygiene Honor Society also welcomed its newest members at the banquet held in conjunction with OKU. They are, from left: Danielle Lee Poole, Susan M. Hartfiel, Darlene Brooks Carter, and Karen K. Burt Fouts

Dental school grads among 3,923 students from the IUPUI campus receiving degrees during 1992 commencement exercises

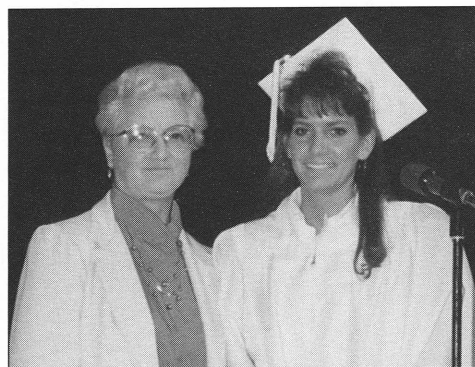
It was a Mother's Day that won't soon be forgotten—not only by the women whose sons and daughters walked across the Indiana Convention Center stage as new graduates on May 10, but also by the hundreds of other family members and friends in the Honors Day audience who applauded IU's newest members of the dental alumni.

By the close of the dental school's program, which preceded IUPUI's Commencement at the Hoosier Dome, 54 awards had been presented to 36 members of the dental, dental hygiene, and dental assisting classes of '92. Several other awards were presented at other events throughout the spring. A listing of all awards follows.

The IU School of Dentistry congratulates its graduates and extends best wishes to all members of the classes of 1992 as they embark upon a rich variety of careers in dentistry.

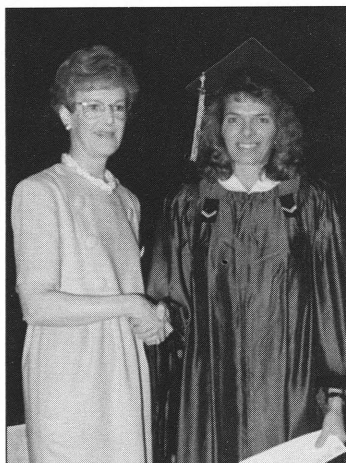


Jeffrey A. Linderman awards the Alpha Omega Scholarship to Susan E. Draheim.

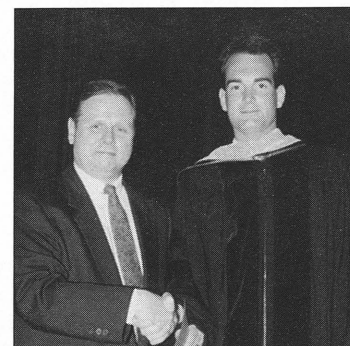


Pauline R. Spencer bestows the Harriett F. Hine Dental Assisting Academic Award upon Jane Ann Weinzapfel.

Mary K. Pence receives a Rossya Kaufman Memorial Award in Dental Hygiene from Evelyn R. Oldsen.



This year's first-place essay was written by Skipper C. Cheesman (dentistry), who received a Block Drug Company award from Charles J. Palenik.



GRADUATING WITH HIGH DISTINCTION:

Doctor of Dental Surgery

Susan E. Draheim

Myriam E. Hudicourt Raber

Associate of Science, Dental Hygiene

Karen K. Burt Fouts

Susan M. Hartfiel

GRADUATING WITH DISTINCTION:

Doctor of Dental Surgery

Darin B. Ashcraft

Rebecca J. Beaven

Marybeth Brandt

Janet M. Dombrowski

Charles A. Hurst

Jonathan W. Reitz

Associate of Science, Dental Hygiene

Darlene Brooks Carter

Tommi Lyni Davis

(CANDIDATES FOR ASDH DEGREES)

Shelly K. Evans

IUSD Dr. Tillman E. Miller Clinical Achievement Award (2nd place); named for 1980 dental graduate and Elkhart practitioner who died in 1990; established by Dr. Miller's family and friends.

Presented by Dr. Donald R. Tharp, associate dean for clinical affairs

Karen K. Burt Fouts

IUSD Alumni Association's Harriett F. Hine Award (selected by peers); named for the late wife of Dr. Maynard K. Hine, IUPUI chancellor emeritus and former dean of the IU School of Dentistry.

Presented by Dr. Hala Z. Henderson, associate dean for student affairs

Susan M. Hartfiel

IUSD Dr. Tillman E. Miller Clinical Achievement Award (1st place)

Presented by Dr. Tharp

Rossya Kaufman Memorial Award (co-recipient); named for 1958 graduate of IU's dental hygiene program and established in 1960 in her memory.

Presented by Professor Evelyn R. Oldsen, director of dental hygiene program

Hu-Friedy Golden Scaler Award; named for a dental manufacturing company.

Presented by Professor Oldsen

Mary K. Pence

Rossya Kaufman Memorial Award (co-recipient)

Presented by Professor Oldsen

Sharon A. Querry

A. Rebekah Fisk Memorial Award of the Indiana Dental Hygienists' Association; named for IU's first director of dental hygiene who died in 1982.

Presented by Professor Oldsen

Johnson Public Health Community Dentistry Award (co-recipient) established by Dr. Donald W. Johnson, of Carmel, in memory of his parents, Frank and Jessie Johnson.

Presented by Professor Oldsen

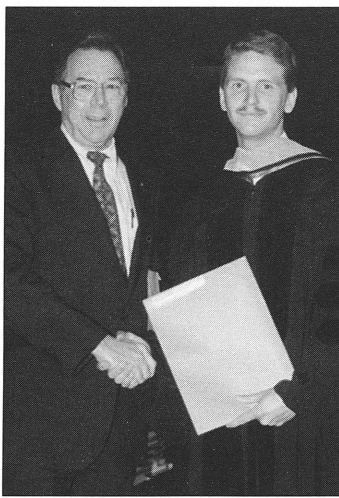
Katherine R. Reid

Procter & Gamble Co. Prevention Award to outstanding student in preventive health

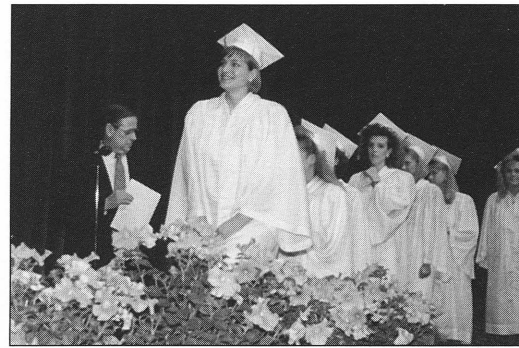
Presented by Professor Oldsen

Johnson Public Health Community Dentistry Award (co-recipient)

Presented by Professor Oldsen

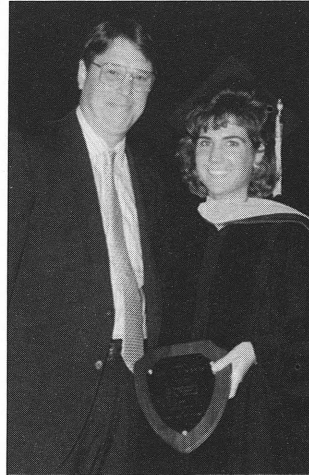


Brian C. McGue (dentistry) accepts the American Academy of Oral and Maxillofacial Radiology Award from David M. Dickey.

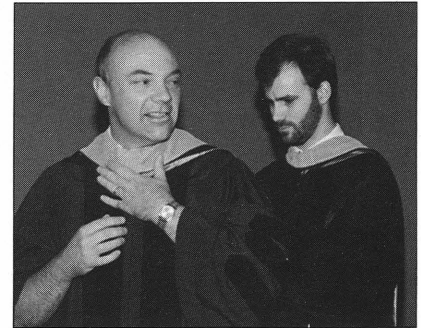


ONE BRIEF SHINING MOMENT. *Andrea Kralis (dental assisting) takes her turn walking across the Honors Day stage as each graduate's name was announced by Professor Palenik during the program.*

The Indiana Society of Pediatric Dentistry Award was presented to Holly D. Wentz (dentistry) by David R. Avery.



HOOD-WINKED? *Dental graduate Scott T. Rosenfeld (right) helps assure faculty member Jack E. Schaaf that he's wearing the doctoral hood correctly. Dr. Schaaf served as a marshal during commencement ceremonies.*



Sharon A. Querry, Katherine R. Reid, Jana J. Reno, Karen K. Burt Fouts, and Susan M. Hartfiel

IUSD Table Clinic Award for clinic entitled "Sharpen Your Skills"

Presented by Charles J. Palenik, professor of oral microbiology

Shelly K. Evans, Shana Dull, Lisa Louise Falls, Tommi Lyni Davis, and Danielle Lee Poole

Procter & Gamble Co. Table Clinic Award for clinic entitled "Nicotine Products: The Good, The Bad, and The Ugly"

Presented by Professor Palenik

(CANDIDATES FOR DENTAL ASSISTING CERTIFICATES)

Jennifer L. Dover

Harriett F. Hine Clinical Achievement Award

Presented by Professor Pauline R. Spencer, director of dental assisting program

Jane A. Weinzapfel

Harriett F. Hine Academic Award

Presented by Professor Spencer

Jennifer L. Dover, Danielle L. Purvis, Tracie R. Breclaw, and John A. Lewis

IUSD Table Clinic Award for clinic entitled "Safety in the Dental Office"

Presented by Professor Palenik

(CANDIDATES FOR DDS DEGREES)

Darin B. Ashcraft

American Association of Orthodontists Award

Presented by Dr. William F. Hohlt, director, undergraduate orthodontics

John R. Avila

American Academy of Oral Medicine Award

Presented by Dr. David M. Dickey, associate professor of dental diagnostic sciences

Organization of Teachers of Oral Diagnosis Award. New award given to student for demonstrating excellence and showing interest in the field of oral diagnosis.

Presented by Dr. Dickey

Marybeth Brandt

American Association of Women Dentists Award

Presented by Dr. Henderson

Skipper C. Cheesman

Block Drug Company's Essay Award, 1st place for essay entitled "Indirect Posterior Composite Resin Technique"

Presented by Professor Palenik

Janet M. Dombrowski

American Academy of Periodontology Award

Presented by Dr. E. Brady Hancock, chair of periodontics

Dentsply International Merit Award for completing with distinction studies in removable prosthodontics; named for dental manufacturing company.

Presented by Dr. M. John Borkowski, an Indianapolis practitioner and part-time assistant professor of prosthodontics

Susan E. Draheim

IUSD Dr. Tillman E. Miller Clinical Achievement Award

Presented by Dr. Tharp

American Academy of Oral Pathology Award

Presented by Dr. Charles L. Nelson, chair of oral and maxillofacial surgery

Alpha Omega Dental Fraternity Scholarship Award

Presented by Dr. Jeffrey A. Linderman, a practitioner in Indianapolis and Carmel and a part-time instructor in operative dentistry



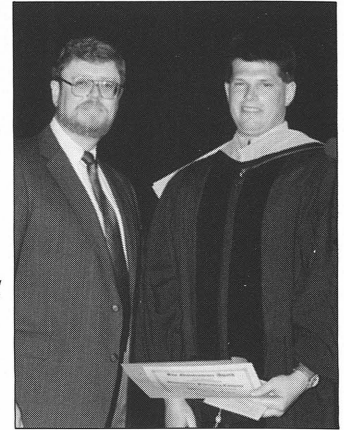
The Harriett F. Hine Dental Assisting Clinical Achievement Award was presented to Jennifer L. Dover by Professor Spencer.

Shelly K. Evans (dental hygiene) earned the second-place Dr. Tillman E. Miller Clinical Achievement Award, presented by Donald R. Tharp.



Sharon A. Querry accepted three dental hygiene awards from Professor Oldsen.

The Quintessence Publishing Company Award for clinical achievement in research went to William R. Flora (dentistry); it was presented by Michael A. Cochran.



Draheim awards continued

Jack D. Carr Memorial Award for maintaining highest grade point average. Named for prominent Indianapolis dentist and dental professor who died in 1986; established by his family.

Presented by Dr. Carr's son, Dr. James B. Carr, a practitioner in Carmel

Academy of Operative Dentistry Award

Presented by Dr. Michael A. Cochran, chair of operative dentistry

John F. Johnston Award for proficiency in fixed and removable partial prosthodontics. Named for 1921 graduate of the Indiana Dental College, pioneer in prosthodontics, and former head of fixed and removable partial prosthodontics at IU. Dr. Johnston died in 1977.

Award established and presented by Dr. Borkowski

Chancellor's Scholar Award, presented to IUPUI students from each school or division during the IUPUI Chancellor's Honors Convocation, University Conference Center, April 10.

William R. Flora

Indiana Society of Periodontists Award

Presented by Dr. Hancock

Indianapolis General Dentistry Study Club Award

Presented by Dr. L. Michael Stropes, assistant professor of dental diagnostic sciences

Block Drug Company's Essay Award, 3rd place for essay entitled "Comparison of the Bond Strength of Panavia Cement to Gold and a Base Metal Alloy"

Presented by Professor Palenik

Academy of Dental Materials

Presented by Dr. B. Keith Moore, acting chair and professor of dental materials

Quintessence Publishing Company Award for clinical achievement in research

Presented by Dr. Cochran

International Congress of Oral Implantologists Award. New award for demonstrating interest in field of implantology.

Presented by Dr. Borkowski

International College of Dentists Award

Presented by Dr. Karl W. Gossweiler, a practitioner in Speedway

Christopher W. Gall

IUSD Alumni Association's Maynard K. Hine Award (selected by peers)

Presented by Dr. Henderson

Academy of General Dentistry and Indiana Chapter Award

Presented by Dr. Ronald K. Bowman, an Indianapolis dentist and director of Region 7 of the AGD

John J. Herber

Indianapolis District Dental Society's Table Clinic Award for clinic entitled "Use of Titanium in Prosthodontics: A Case Study"

Presented by Professor Palenik

Steven L. Hodges

James L. Maus Memorial Scholarship Award (co-recipient); named in memory of owner and operator of Maus and Elam Dental Laboratories; established by the Maus family.

Presented by Dr. H. William Gilmore, dean of dentistry

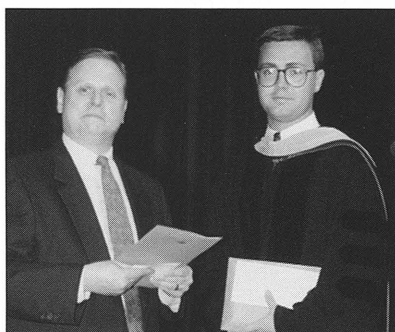
Myriam E. Hudicourt Raber

American Society of Dentistry for Children Certificate of Merit and Indiana Chapter Award

Presented by Dr. David R. Avery, chair of pediatric dentistry

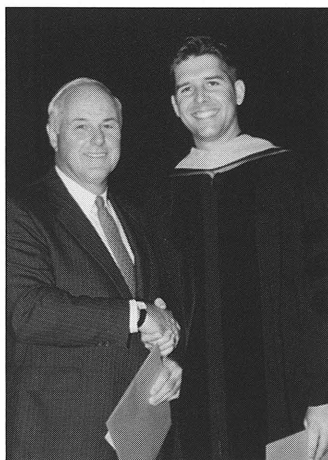
Quintessence Publishing Company Award for clinical achievement in periodontics

Presented by Dr. Cochran



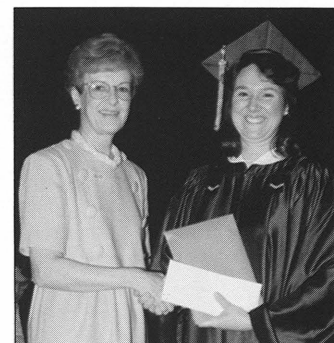
The award-winning table clinic in dentistry was prepared by John J. Herber; Professor Palenik presented the award on behalf of the Indianapolis District Dental Society.

Michael J. McKim accepts a James L. Maus Memorial Scholarship from H. William Gilmore.



A BIG HUG FOR A NEW DENTIST. Mary E. Sheehan is congratulated by her mom, Mary.

Professor Oldsen congratulates Katherine R. Reid (dental hygiene) upon receipt of one of the three awards bestowed upon her during the program.



Michelle M. Lecklitner

American College of Prosthodontists Undergraduate Academic Achievement Award, presented during College's annual meeting, University Place Hotel, May 2

Brian C. McGue

American Academy of Oral and Maxillofacial Radiology Award

Presented by Dr. Dickey

Procter & Gamble Co. Table Clinic Award for clinic entitled "Sensitivity in Detecting Incipient Carious Lesions on Extracted Teeth Using Conventional Radiography vs. Radio Visography"

Presented by Professor Palenik

Michael J. McKim

Quintessence Publishing Company Award for clinical achievement in restorative dentistry

Presented by Dr. Cochran

James L. Maus Memorial Scholarship Award (co-recipient)

Presented by Dr. Gilmore

Thomas R. Megar

Certificate of Merit Award, American Academy of Dental Practice Administration/Organization of Teachers of Dental Practice Administration. New award presented for excellence in didactic course work in practice administration.

Presented by Dr. Raymond M. Maddox, a practitioner in Rushville and part-time instructor in preventive and community dentistry

Jonathan W. Reitz

American Association of Endodontists Award

Presented by Dr. Tharp

American Equilibration Society Achievement Award for outstanding performance relating to the science of occlusion and temporomandibular joint function.

Presented by Dr. Borkowski

Scott T. Rosenfeld

American Association of Oral and Maxillofacial Surgeons Award

Presented by Dr. Nelson

Steven R. Schimmele

Glenn J. Pell Award of the Indiana Society of Oral and Maxillofacial Surgeons; named for a pioneer of oral and maxillofacial surgery who was a 1912 graduate of Indiana Dental College and longtime faculty member at IDC and IUSD. He died in 1954.

Presented by Dr. Nelson

Indiana Dental Association Award

Presented by Dr. Maddox

Pierre Fauchard Academy Indiana Section Award for clinical excellence; presented during the Academy's annual meeting, Indiana Convention Center, Indianapolis, April 30

Holly D. Wentz

Indiana Society of Pediatric Dentistry Award

Presented by Dr. Avery

Noboru N. Yamazaki

Block Drug Company's Essay Award, 2nd place for "Tarnish and Corrosion Resistance of Dental Materials"

Presented by Professor Palenik

American Academy of Gold Foil Operators Award

Presented by Dr. Cochran

HONORS DAY PHOTOS BY MIKE HALLORAN

HONORING RALPH W. PHILLIPS

An Invitation to the IU School of Dentistry Alumni



During his distinguished career Dr. Phillips presented courses throughout the United States and in most parts of the world. He is shown here at Trinity College, Cambridge University, in the United Kingdom.

Dear Graduates,

Most of you remember sitting in a lecture hall and learning about dental materials from Dr. Ralph W. Phillips.

Perhaps you were one of the many students who were able to spend some time on a research project with Dr. Phillips or another faculty member in the Department of Dental Materials. It's very likely that at some point in your career you attended at least one of the many hundreds of postgraduate courses Dr. Phillips presented during his lifetime. Undoubtedly, you have used one or more of his highly regarded textbooks.

You now have an opportunity to assist your alma mater in honoring Dr. Phillips. Several months ago a group of Ralph's friends from around the world approached the University concerning creation of an Endowed Professorship of Dental Materials in his name.

To us, this seemed a most fitting way to honor Ralph. Establishment of an endowed professorship will provide lasting recognition of his contributions to dentistry, and it will assure continued growth of the dental materials teaching and research programs he inaugurated.

A total of \$300,000 is needed in order for IUSD to create the "Ralph W. Phillips Professorship in Dental Materials." We would greatly appreciate your help in reaching this goal.

Your contribution will help honor a man who devoted a lifetime of service to Indiana University and to dentistry.

Please view this letter as your personal invitation to participate in the memorial to Dr. Phillips. And thank you for considering our request.

Sincerely,

Marjorie L. Swartz
Professor Emeritus of Dental Materials
Member of the Committee to Honor Dr. Ralph W. Phillips



Marjorie L. Swartz

Honorary Committee

Kamal Asgar
Professor Emeritus
University of Michigan

Gerald L. Bepko
Chancellor
Indiana University-
Purdue University
Indianapolis

Takao Fusayama
Professor Emeritus
Tokyo Medical Dental
University
Tokyo, Japan

H. William Gilmore
Dean
Indiana University
School of Dentistry

H.W. Haase
President and Publisher
Quintessence Publishing Co.
Germany

Maynard K. Hine
Chancellor Emeritus
Indiana University-
Purdue University
Indianapolis

Ralph E. McDonald
Dean Emeritus
Indiana University
School of Dentistry

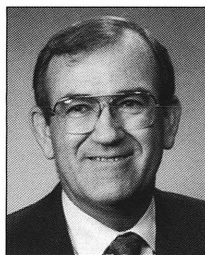
John W. McLean
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Graham J. Mount
Adelaide, South Australia

Peter Schärer
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Zurich, Switzerland

Dennis C. Smith
Director
Centre for Biomaterials
University of Toronto
Toronto, Ontario, Canada

Donald A. McKenzie
Chair
Committee to Honor
Dr. Ralph W. Phillips



Maynard K. Hine
Chancellor Emeritus
Indiana University-
Purdue University
Indianapolis



Through a prolific teaching and research career in materials science spanning 50 years, Dr. Ralph W. Phillips advanced the science of dentistry in ways achieved by few others.

Dr. Phillips was a prominent international lecturer. He also wrote more than 300 scientific papers and books, including *The Science of Dental Materials*, which has been one of the most widely used and translated dental textbooks in history.

Many of Dr. Phillips' friends and colleagues have expressed a desire to honor him in a very special way. A named, university professorship is one of the highest honors that can be conferred. A professorship will provide long-lasting recognition to a great teacher and scientist.

Please join us in accomplishing our goal of saluting a remarkable pioneer in dentistry who enriched many lives.

Dentistry and the IU School of Dentistry lost a renowned leader when Research Professor Emeritus Ralph W. Phillips died on May 17, 1991. He was known throughout the dental community as an authority in the field of dental materials, earning uncounted honors over the decades for his contributions to dental science.

Ralph joined the dental faculty in 1941 and gradually built up a strong department with a reputation that attracted the attention of dentists from around the world.

Ralph undoubtedly appreciated receiving the many honors and awards bestowed upon him, but I am certain he would have considered a memorial fund to help support the IUSD program in dental materials an even greater honor. He worked for half a century building a reputation in this field, and he would want this work to be continued.

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In support of the **RALPH W. PHILLIPS PROFESSORSHIP**, Indiana University School of Dentistry,

I/we make the following gift: \$ _____

The initial amount paid herewith is: \$ _____ I/we will fulfill the remainder of this gift commitment with

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Thank You!