

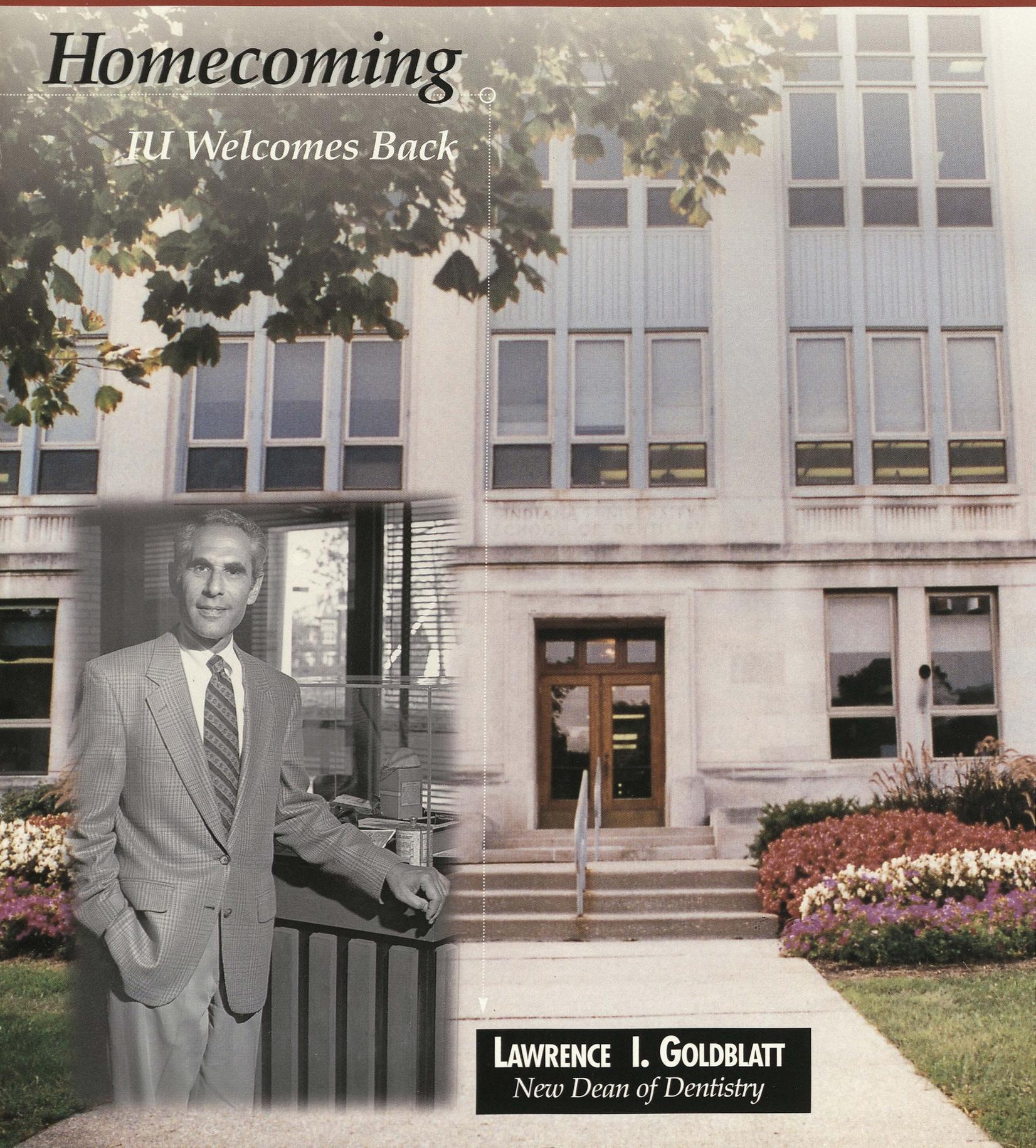
INDIANA UNIVERSITY
SCHOOL OF DENTISTRY

Alumni Bulletin

VOLUME 10, NUMBER 4 • 1996

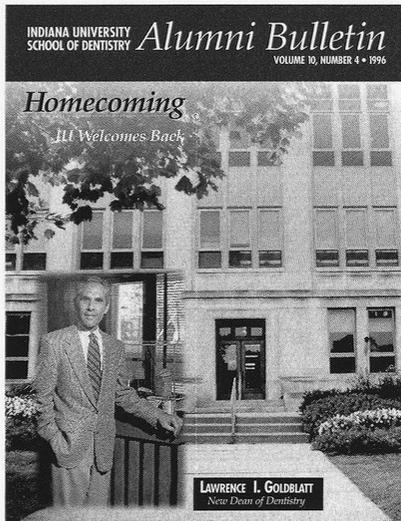
Homecoming

IU Welcomes Back



LAWRENCE I. GOLDBLATT
New Dean of Dentistry

On the Cover



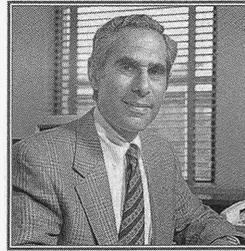
New Year, New Dean. When Lawrence I. Goldblatt slips into the chair behind the dean's desk in room 104 of the IU dental school in January, he becomes the 11th dean in the school's 117-year history (our leadership has included 8 deans and 3 acting deans).

A former IU student, teacher, and administrator, Dr. Goldblatt brings to the job a thorough knowledge and understanding of dental education in Indiana. He's no stranger to the responsibilities of a dean, either, having served in that position for the past three years at Case Western Reserve University School of Dentistry.

For more about the school's new dean, see page 2.

Cover photo of Dr. Goldblatt courtesy of Case Western Reserve University. Photo of school by Susan Crum.

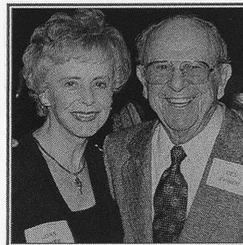
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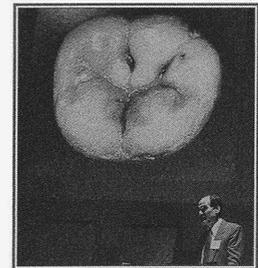
The IU School of Dentistry awaits the arrival of an old friend



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A FOUNDATION OF FRIENDS

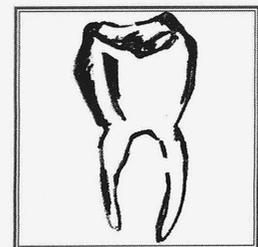
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International researchers gather in Indy to discuss the early detection of dental caries



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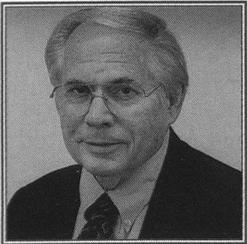
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Indiana dentists hold the Olympic flame—and spirit—high



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IU orthodontist James Baldwin helps the dental school say goodbye to Gordon Arbuckle

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For business related to the IU Alumni Association, write to:

Karen Deery
Indiana University Alumni Association
(Indianapolis Campus)
850 West Michigan Street, Suite 241
Indianapolis, IN 46202-5198

voice mail: (317) 274-8959
fax: (317) 274-5064

The *Alumni Bulletin* is a complimentary publication produced by the Indiana University School of Dentistry and directed to all members of its alumni. There are four issues each year, including a special issue annual report. Material included herein does not necessarily represent the official position of the school.

For business related to the *Alumni Bulletin*, write to:

Susan Crum
Indiana University School of Dentistry
Publication's Office, Room 104
1121 West Michigan Street
Indianapolis, IN 46202-5186

voice mail: (317) 274-8135
fax: (317) 274-7188
e-mail: bulletin@iusd.iupui.edu

Calls related to other dental school business should be directed to the school's general information line: (317) 274-7957.



Publication member of the American Association of Dental Editors

INDIANA UNIVERSITY SCHOOL OF DENTISTRY ALUMNI BULLETIN VOL. 10, NO. 4, 1996

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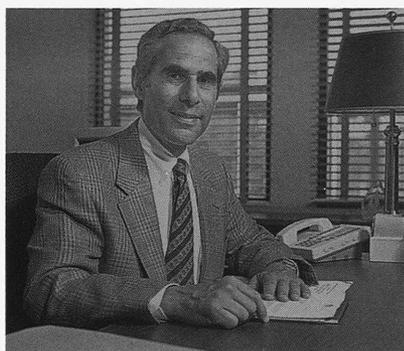
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Administrative Transition

IU oral pathology graduate Dr. Lawrence I. Goldblatt accepts deanship

After a three-year absence from Indiana University, Lawrence I. Goldblatt, an IU alumnus and a former IU administrator and teacher, will return to lead the School of Dentistry as its new dean.



Lawrence I. Goldblatt

The Trustees of Indiana University approved the nomination at their August 16 meeting on the Indiana University–Purdue University Indianapolis campus. Dr. Goldblatt will assume his duties January 1, 1997.

During two decades of work at the IU dental school, Dr. Goldblatt served as a professor of oral pathology and as associate dean for two divisions—academic affairs, which oversees matters pertaining to the faculty, and graduate and postgraduate education.

He left IUPUI in January of 1994 to accept the deanship at Case Western Reserve University School of Dentistry.

“Dr. Goldblatt’s work both at IU and at Case Western has been exceptional,” said IUPUI Chancellor Gerald L. Bepko.

“He is well prepared to assume leadership of the school.”

Prior to leaving IU, Dr. Goldblatt was active in organized dentistry and dental education throughout the state. He is well-known to healthcare professionals from Indiana and elsewhere as a former member and one-time director of IU’s Oral Pathology Group, a biopsy service for dentists and physicians.

Dr. Goldblatt served four years on the American Dental Association’s Joint Commission on National Dental Examinations, chairing the group in 1990-1991. He was president of the Supreme (national) Chapter of Omicron Kappa Upsilon honor dental society in 1991-1992.

Dr. Goldblatt’s work has been published in numerous professional journals. He is a member of 13 professional societies and is a former member of the board of directors of the Marion County Cancer Society, Inc. (Little Red Door) as well as the Indiana division of the American Cancer Society; for the latter he also held office as vice president.

“I am absolutely thrilled to have even been considered for this position,” said Dr. Goldblatt. “It is an unbelievable honor to be named dean of the IU School of Dentistry.

“All of the best people want to come to work at IU, and I look forward to working with the

excellent faculty and staff,” he added.

“Dr. Goldblatt’s work both at IU and at Case Western has been exceptional,” said IUPUI Chancellor Gerald L. Bepko. “He is well prepared to assume leadership of the school.”

Dr. Goldblatt did his undergraduate work at Georgetown University, where he also earned his dental degree in 1968. A lieutenant in the U.S. Navy Dental Corps after graduation, he served three years of active military duty. Dr. Goldblatt entered IU’s graduate program in oral pathology and completed a master’s degree in 1973.

“All of us believe the IU School of Dentistry is poised and ready to affirm its rightful role in the forefront of dental education,” said Chancellor Bepko.

Dr. Goldblatt and his wife, Judy, together have four daughters ranging in age from 22 to 25.

Dr. Goldblatt replaces H. William Gilmore (DDS’58), who resigned as dean of the school in March after having served in the position for nearly 11 years.

Dr. George K. Stookey, associate dean for research at the IU School of Dentistry and director of the Oral Health Research Institute, has been serving as acting dean and will continue in that capacity through the end of the calendar year.

HOOSIER DEANS IN DENTISTRY

Indiana Dental College*

1881	Phineas G.C. Hunt
1899	George E. Hunt**
1914	Frederic R. Henshaw
1918-19	David A. House (acting)***
1920	Frederic R. Henshaw

Indiana University School of Dentistry****

1938	Gerald D. Timmons (acting)
1940	William H. Crawford
1945	Maynard K. Hine
1968	Ralph E. McDonald (acting)
1969	Ralph E. McDonald
1985	H. William Gilmore
1996	George K. Stookey (acting)
1997	Lawrence I. Goldblatt

*The College was formed in 1879, with William L. Heiskell serving in the top administrative post as president of the Board of Trustees.

**George Hunt founded the *Indiana Dental Journal* a year before he became dean. He was the son of the first dean.

***Dr. House served while Dean Henshaw was on military leave.

****Indiana University acquired the Indiana Dental College in 1925.

Coming Up

IUSD Calendar of Events

January 6

Spring Semester begins

February 20-23

Chicago Dental Society's Mid-Winter meeting, McCormick Place, Chicago, Ill.

March 3-7

Mid-term exams

March 8

The American College of Dentists' 6th annual Maynard K. Hine Scholarship Lecture, location to be arranged

March 12

"Back to School Night," sponsored by the Indianapolis District Dental Society and held at the dental school

March 16-20

American Association of Dental Schools annual meeting, Orlando, Fla.

March 17-21

Spring break

March 19-23

American Association for Dental Research annual meeting, Orlando, Fla.

March 31

5th annual IUSD Research Day, an afternoon program for faculty, staff, students, and alumni; University Place Conference Center, IUPUI campus

April 7,8

National Dental Hygiene Board Examination, held at the dental school

April 12

Dental School Admission Test, held at the dental school

April 12

The 5th annual IUSD Dental Alumni Spring Conference, held at the dental school

April 28-May 2

Final exams

May 2

Spring Semester ends

May 2

IU School of Dentistry Donor Recognition Celebration (by invitation), Westin Hotel, Indianapolis

May 2-4

139th Indiana Dental Association annual session, Indianapolis

May 7

IUSD Graduation Awards Banquet for dental and dental hygiene classes of 1997, University Place Hotel

May 11

IUPUI Commencement, RCA Dome, and IUSD Post-Commencement Ceremony, Indiana Convention Center

May 12

Summer Session begins

May 28-31

2nd Annual Indiana Conference, University Place Conference Center & Hotel

June 1-4 (tentative)

Indiana state dental and dental hygiene board examinations, held at the dental school

June 7 (tentative)

Dental assisting certification examination, held at the dental school

July 1

Fall Semester of the 1997-98 academic year begins for first-year dental students and students in graduate dental programs

July 14

National Dental Board Examination Part I for dental students, held at the dental school

August 15

Summer Session ends

(Continuing Education courses appear on page 9.)

From the Dean

As noted elsewhere on the preceding pages of this issue, Dr. Lawrence I. Goldblatt has been selected as our new dean and will be returning to assume these responsibilities on January 1, 1997. During the past several months our faculty have spent many hours developing plans and implementation strategies for establishing our school as a premier dental school by the turn of the century. We look forward to working with Dr. Goldblatt to achieve this goal.

In a previous *Bulletin* report I indicated that a faculty retreat was being held on July 15, 1996, to provide an opportunity for our faculty to discuss in-depth the three goals which I presented upon assuming the responsibilities of acting dean on March 1, 1996. These goals were to develop plans and strategies for: (a) defining faculty governance and responsibilities of citizenship; (b) completing the design of a curriculum to best prepare our students for dental practice in the next century; and (c) providing an infrastructure essential for the curricular needs of all our programs for at least the next decade.

" This plan includes the construction of a significant addition to the school (about 52,000 square feet) with a projected cost of \$16-20 million."

That July date will be remembered as a great day for our school, because during the retreat our faculty made monumental decisions and commitments. Faculty responsibilities of governance and citizenship were discussed in a round-table format with faculty leaders from other schools on campus. The result of

these discussions is a draft of a revised IU School of Dentistry Faculty Constitution and Bylaws in which our faculty assume much greater responsibilities for leadership; this document will likely have formal approval by the time you receive this issue of the *Bulletin*.

In addition, our faculty openly discussed possible changes in our curriculum to enhance the quality of dental practice in the next century and voted decisively to adopt an innovative and bold new curriculum involving a major restructuring of the basic science curricula, a strengthening of the clinical experiences, and the implementation of additional instructional methodologies including problem-based learning.

Finally, our faculty agreed upon a plan to upgrade existing facilities and develop additional rooms for clinics, laboratories, small- and large-group instruction, faculty offices, and research required to support the new curriculum as well as the needs of the school for the next decade. This plan includes the construction of a significant addition to the school (about 52,000 square feet) with a projected cost of \$16-20 million.

Since the retreat our faculty and staff have been working feverishly—but with obvious excitement—to complete all of the numerous necessary details required to implement the new curriculum in July 1997. Likewise, our faculty and staff are working with architects and engineers to finalize plans to meet our infrastructure needs while other teams of faculty and staff are moving ahead with defined plans to solicit the necessary external funding from foundations, industry and other sources. Besides these activities, Dr. George

Willis, chair of restorative dentistry, and Dr. Donald Tharp, associate dean for clinical affairs, together with our seven Comprehensive Care Clinic directors, are in the midst of identifying measures to further improve the quality of clinical instruction and patient care in our undergraduate clinics; we plan to implement these measures before the end of the year. Even though we are not scheduled for our next review by the American Dental Association's Commission on Dental Accreditation until 1999, we have outlined a timetable for developing the necessary documentation beginning with the present semester.

Remarkably, our faculty and staff have been able to move forward with all of these activities while beginning another school year, which got under way on July 22. The school's incoming classes are composed of 100 first-year dental students, 50 first-year dental hygiene students, 22 dental assisting students, and 33 graduate and postdoctoral students. The 1996-97 academic year is progressing well with a total of 600 full-time students in our programs!

It has been both an exceptional honor and a profound pleasure to serve as acting dean of our prestigious school these past several months. We have a unique group of intelligent, industrious, and innovative faculty and staff, and it truly has been a privilege for me to have the opportunity to lead them in the development of goals, plans, and strategies for becoming the premier dental school during the next few years.

I am looking forward to working with Dr. Goldblatt as well as all our faculty and staff to help achieve these goals.

Dr. George K. Stookey

An Update on Our Ties with Thailand

Since the early 1990s, when the IU School of Dentistry and Thailand's five dental schools signed educational agreements, the schools have been steadily building a bridge of friendship between Thailand and Indianapolis.

Another plank was added to that bridge when IUSD renewed its commitment to Thailand during ceremonies held at the IU dental school on August 15, 1996.

IU administrators, faculty, staff, and students gathered in the Gorman Center, along with visitors representing Thailand, to witness the signing of a Letter of Agreement by Dr. Visaka Limwongse, director of the doctoral program at Chulalongkorn University, and Dr. George Stookey, IU's acting dean of dentistry. The signing reaffirmed an interest in collaboration between the Ministry of University Affairs of Thailand and the IU School of Dentistry. The document, which is valid for four years, will serve as an umbrella agreement for the five individual school contracts IUSD signed in 1993 and 1994 with Chulalongkorn, Chiang Mai, Khon Kaen, Mahidol, and Prince of Songkhla universities. The primary goal of the agreement is to promote the development of graduate dental education in Thailand.

A number of Thai students and faculty members have participated in a variety of long- and short-term educational opportunities at IU since the original school agreements were signed.

Through its Ministry of University Affairs, Thailand has sent students to dental schools at IU and other American universities for advanced training in key areas of dentistry; the students then return home to help Thailand provide training to others. Thailand is hopeful that its collaborations abroad will ultimately lead to an easing of the severe shortage of dental healthcare workers in some parts of this Southeast Asian country.

Plans for the construction of three additional dental schools in Thailand are currently under way.



THAI VISITORS TRAVEL TO INDY TO REAFFIRM FRIENDSHIP TIES.

A host of IU administrators joined the IU dental school's guests from Thailand in the signing of the friendship agreement. Back row, from left: Patrick O'Meara, dean of international programs, IU; George Stookey, acting dean of dentistry, IU; Hala Henderson, associate dean for academic affairs and acting associate dean for graduate and postgraduate education in dentistry, IU; William Plater, executive vice chancellor for administration and dean of the faculties, IUPUI; Giles Hoyt, associate dean for international programs, IUPUI; James Nehf, acting director of the IU Center on Southeast Asia; Patricia Biddinger, director of international affairs, IUPUI; Woranut Weerapradist, associate dean for dentistry, Mahidol University; and Suneerat Chairprasongsuk, representative of the Ministry of University Affairs of Thailand. Front row, from left: Em-on Benjavongkulchai, a professor in oral biology,

Chulalongkorn University; Dr. Visaka Limwongse, director of the doctoral program, Chulalongkorn University; Gerald Bepko, vice president for long-range planning and chancellor, IUPUI; and Suteera Hovijitra, associate professor of prosthodontics, IU.



On behalf of the intramural faculty practitioners of Chulalongkorn University, Dr. Limwongse, shown here with Dean George Stookey (left) and Chancellor Gerald Bepko, presented a gift of \$1,000 to the IU School of Dentistry. Speaking for all the dental schools in Thailand, she thanked IU for its friendship and for the hospitality extended to Thai students during their years of study at IU.

Photos by Mike Halloran

Charles Palenik Named Acting Director of New Dental Informatics Office



Charles Palenik

has been appointed acting director of the school's new Office of Dental Informatics.

Created by Acting Dean George K. Stookey in June 1996, the office will seek to coordinate the growing number of information services offered by the school. It will serve as an administrative umbrella for the school's computer network system as well as the offices of dental illustrations and publications. The Dental Informatics Group will include faculty and staff who have primary roles to play in the school's acquisition of information management and instructional technologies, and in the integration of these technologies into the dental curriculum.

Professor Palenik is perhaps best known to the IUSD alumni for his nationally recognized work in matters related to infection control, hazardous materials, and infectious waste in the dental environment. He is currently a PhD degree candidate in instructional systems technology through the graduate program on the IU-Bloomington campus. He holds a bachelor's degree from St. Mary's College, Winona, Minn., and a master's degree in microbiology from IU. He was the 1991 recipient of the IU School of Dentistry Alumni Association's Distinguished Faculty Award for Teaching.

Charles J. Palenik, a longtime professor of oral microbiology at the IU School of Dentistry, has been appointed acting direc-

tor of the school's new Office of Dental Informatics. Professor Palenik began his teaching career at IU in 1972 as a research associate in the former Department of Oral Microbiology. Today, in addition to holding his new title, he is assistant director of Infection Control Research and Services. For 16 years he has served as co-editor of *Dental Asepsis Review*, a monthly publication in wide circulation to Indiana dentists and others as a component of the school's Sterilization Monitoring Service, for which he continues to serve as associate director.

Professor Palenik's extensive contributions to IU's research and continuing education programs include several Norwegian grants and a fellowship he received as a visiting scientist to conduct infection control studies in Norway in 1994 and 1995. His numerous publications include the textbook *Infection Control and Hazardous Materials Management in the Dental Environment*, co-produced with IU colleague Dr. Chris Miller.

This year Professor Palenik has begun to make inroads into the application of electronic media. He has created a number of web sites, including one for IU students wishing to enroll in instructional media courses in Bloomington.

Author! Author!

IU faculty member Dr. Lawrence Garetto wrote the most outstanding article to appear in *Implant Dentistry* in 1995, according to the journal's editorial staff.

At the invitation of Dr. Sheldon Winkler, editor-in-chief of *Implant Dentistry*, Dr. Garetto accepted the Ralph V. McKinney Jr. award at ceremonies during the annual symposium of the International Congress of Oral Implantologists, held in Chicago in August. The

award is named in memory of an oral pathologist and one of the founders of the *Implant Dentistry* journal.

Dr. Garetto directs the dental school's bone research laboratory in the Department of Oral Facial Development. He is an associate professor of orthodontics at the dental school and of physiology and biophysics at the medical school.

Dr. Garetto served as senior author for the award-winning article, titled "Remodeling Dynamics of Bone Supporting Rigidly Fixed Titanium Implants: A Histomorphometric Comparison in Four Species Including Humans." His co-authors are Dr. Eugene Roberts, chair of the Department of Oral Facial Development; Dr. Jie Chen, an assistant professor of orthodontics and mechanical engineering; and J. Andrew Parr, a student in the medical school's doctoral program and Department of Physiology and Biophysics. The article appeared in the Winter 1995 issue.

Moving On

Those of you who graduated between the mid-'70s and early '80s knew her as one of the paging assistants at the reception desk in



Janet Duncan

the main lobby of the dental school. After that, she had a long stint as public service supervisor in the dental library. But

after 22 years of outstanding and dedicated service to the Indiana University School of Dentistry, Janet Duncan departed last August—not to retire, but to pursue a new career opportunity

with the World Headquarters of the Free Methodist Church of North America. Her title is senior secretary for the organization's International Child Care Department, which is based in Indianapolis. Janet's many friends and colleagues in dentistry wish her the best.

Good Deeds

The following report, submitted at the end of the past school year by dental assisting student Tina Nitschke, describes one small act of kindness on the part of IU's dental assisting Class of 1996. But it is also a good example of the great capacity for compassion toward others that many students of the IU dental school exhibit. Helping hands are extended often by Indiana's future dental professionals. Tina tells us about one such instance last spring:

The dental assisting Class of 1996 was composed of students of different ages, backgrounds, and experiences. But one thing that we all agreed on was the importance of giving to those in need.

Our class decided to collect dues throughout the year so that we would have funds to do something special at the end of the year. When the time came for us to make a decision on what we wanted to do, it was difficult to



Money that could have been splurged on a class party went to food for a local shelter instead. Rolling out of Marsh with a bountiful supply of groceries are student volunteers, from left: Tina Nitschke, Julia Zrenner, and Julie Wittich. Classmate Stephanie Sater also assisted with the charitable shopping spree.



Six dental assisting students volunteered for the shelter's cleaning crew. From left, Kimara Griffin, Stephanie Sater, Marie Bender, Brandi Scott, and Tina Nitschke. Not pictured is Julie Wittich.

decide. We had a hard time planning an event that everyone could attend because of busy schedules and time conflicts.

So we decided to donate our funds to a charity in need. We chose a local charity called the Holy Family Shelter of Indianapolis. This establishment is one that shelters battered women and children. The women are allowed to stay in the shelter with their children for 30 days. During that time the women receive personal and job counseling, and they are given help in finding a new home.

We spent our money on food to stock the shelter's pantry. Four class members volunteered to do the grocery shopping. And, as an additional service, six members of the class donated a day of their time to the shelter to help clean and organize it.

We all agreed that the donation of our funds, and especially of our time and talents, was a great asset to the shelter. Our efforts were greatly appreciated by the residents and staff at the Holy Family Shelter.

IUSD Research Mentors Help Guide Teenager to a Naval Science Award

For the past couple of years Dr. Richard Gregory and Ms. Linda Gfell, both of the Department of Oral Biology, have periodically been guiding Christina Luckey, age 17, through some of the research she has been pursuing as a student of Central Noble High School, Albion, Ind.

Christina's efforts as a young researcher, which have included time spent on-site in Dr. Gregory's mucosal immunobiology laboratory, have now earned her a four-year, \$8,000 Naval Science Award to be used as a college scholarship.

Christina was among more than 1,000 students who exhibited projects at the International Science & Engineering Fair, held in Tucson, Ariz., last May, and sponsored by Science Service Inc., a Washington, D.C.-based non-profit organization established in 1921 to further the understanding of science among young people. Christina's winning project, entered in the biochemistry category, was titled "Integrated Effect of Selenium—Vitamin E as an Adjuvant to Leptospira: Phase III." Her award was sponsored by the Office of Naval Research and the Marine Corps Systems Command.

Dr. Gregory is an associate professor of oral microbiology at the dental school and of pathology and laboratory medicine at the medical school. Ms. Gfell is a senior research assistant.

Great Balancing Act

Dentistry says goodbye to cash control clerk Sharon M. Stinson



Sharon Stinson is at home at 328 Granada Place, New Whiteland, IN 46184.

Sharon Stinson's neighbors shouldn't be surprised if they spot a small mound of fresh dirt in her back yard. Shortly before she retired in May from her career at Indiana University, Sharon told us that she had subterranean plans for her alarm clock.

After 14 years of outstanding service to IU—the last 8 as a cashier in the dental school's Cash Operations division—Sharon has earned the right to deep-six her trusty old alarm.

Sharon routinely held to a schedule that stretched from 9 in the morning till long after the evening news gave way to prime time television. On days when the school's clinics were filled to capacity, Sharon would wearily head for home at 8:30 pm, probably feeling as if the school's annual clinic income—all \$3 million of it—had passed entirely through her fingers, a penny at a time.

But, being of good humor and fortified with a quick wit, Sharon characteristically took the demands of her work in stride.

In fact, Sharon was sounding down-right wistful in mid-May, because her departure from IU was scheduled just a few days ahead of the arrival of the school's

much anticipated new clinic computer system. Making a fleet-footed escape on the eve of the installation of a new and complex software package would be an attractive option for most soon-to-be retirees, but not for Sharon, who saw the situation as a missed opportunity to learn something new. "The program will track a lot more variables, creating a record of virtually everything the students do till they graduate," she explained with great interest. "It's an exciting time for the clinics, and I'm sorry I'm going to miss it."

Sharon balanced books as either a bookkeeper or a cashier for most of her working life. "I can balance everything but *my* checkbook,"

"I didn't realize that a denture could fit so well until Susan Draheim (DDS'92) made one for me when she was here," Sharon remarked.

she joked. Her career at IU began in the business office at the Union Building in 1982, and she transferred to the dental school in 1988. Before that she was a payroll clerk for nearly a dozen years at the Curtis Publishing Co., Indianapolis, publisher of *The Saturday Evening Post*.

During her stint at the dental school Sharon grew as comfortable with "the kids" as she already was with financial statements. "In my job you laughed and cried with the students," she said. "The dental school has such a good selection of students. It's wonderful to watch them become more knowledgeable and sure of

themselves—they are terrified when they start, but then you can see them building confidence."

And building skills, as Sharon found out in her occasional role as dental patient. "I didn't realize that a denture could fit so well until Susan Draheim (DDS'92) made one for me when she was here," she remarked.

The toughest part of cashiering in a facility housing more than 200 dental units is that dozens of student dentists tend to discharge dozens of patients from the clinics at the same time every day—once at noon and again at 5. "It was difficult for us when everybody got released at once," Sharon said. "We cashiers had a saying: 'Here comes another busload!' "

Despite the long lines and longer hours, Sharon was glad to have been a part of the dental school. "It was quite a lot of fun," she said. "I always worked with

good people here, and I had good supervisors, which is a necessity if you're going to do well in your work."

In her retirement Sharon, who is divorced, would like to eventually find part-time employment in a bank. She looks forward to ample quality time with her large family—she, her four children, and her 10 grandchildren all live within a half hour of one another.

And then, of course, there is the simple luxury of rising each morning, not to bells and buzzers, but to the delightful sounds of one's own drummer.

On Course

Indiana University School of Dentistry Continuing Education Calendar

(Courses held in Indianapolis unless otherwise stated)

January 8

CE-452 Radiology for Dental Personnel—Pre-Exam Preparation Course (lecture)
Professor Gail Williamson, IU associate professor, Department of Oral Surgery, Medicine, and Pathology

January 11

CE-452 Radiology for Dental Personnel—Pre-Exam Preparation Course (laboratory)
Professor Gail Williamson

January 17,18

CE-454 Advanced Endodontic Surgery for the General Dentist (lecture/workshop)
Dr. Donald Arens, IU associate professor, Department of Restorative Dentistry

January 24

CE-456 Effective and Predictable Non-Surgical Periodontal Therapy (Dental Hygiene Series, Part II)
Dr. Jacob Shiloh, University of Tennessee, Memphis

January 31–February 1

CE-460 Lingual Appliance: A Typodont Workshop
Dr. J. Courtney Gorman, assistant professor, IU Department of Oral Facial Development

February 15

CE-462 CPR: Basic Life Support for Dentists and Allied Dental Professionals (healthcare provider course)
Sue Kelly, IU assistant director of clinical research, Oral Health Research Institute

February 20-23

Chicago Dental Society's Mid-Winter Meeting (held in Chicago, Ill.)

March 7

CE-466 Jarabak Memorial Lecture: Achieving Orthodontic Excellence
Dr. Vince Kokich, University of Washington, Seattle

March 8

CE-467 American College of Dentists' 6th Annual Maynard K. Hine Scholarship Lecture: Interdisciplinary Dentistry—The Key to Managing Complex Treatment Plans
Dr. Vince Kokich

March 14,15

CE-469 Periodontal Surgery for the General Dentist (limited attendance lecture/workshop)
Drs. Donald Weissman, Chicago, Ill.; and Donald Newell, IU associate professor, Department of Periodontics and Allied Dental Programs

April 11

CE-472 Taking the Mystery Out of Esthetics
Dr. Michael Miller, Reality Publishing Company, Houston, Texas

April 12

CE-473 The 5th Annual IUSD Dental Alumni Spring Conference and Table Clinics
Indiana University School of Dentistry Faculty

April 16

CE-474 Taking In or Becoming an Associate or a Partner
Dr. Bernard Fink, Professional Practice Management Consultants, Ltd., Fairfax Station, Va.

April 19

CE-475 CPR: Basic Life Support for Dentists and Allied Dental Professionals (healthcare provider course)
Sue Kelly

April 25

CE-477 Nutrition and the Progressive Dental Practice (Dental Hygiene Series, Part III)
Dr. Carole Palmer, Tufts University, Boston, Mass.

May 2-4

139th Indiana Dental Association Annual Session

May 7

CE-480 Radiology for Dental Personnel—Pre-Exam Preparation Course (lecture)
Professor Gail Williamson

May 10

CE-480 Radiology for Dental Personnel—Pre-Exam Preparation Course (laboratory)
Professor Gail Williamson

May 16

CE-482 What's Hot and What's Not in Today's Periodontics
Dr. Timothy Donley, Bowling Green, Ky.

June 6

CE-485 Pediatric Malocclusion: Early vs. Late Treatment
Dr. Leonard Carapezza, New England Medical Center and Tufts University, Boston, Mass.

For information about course fees, credits, and registration contact Dr. Donald Arens, director of Continuing Education, Indiana University School of Dentistry, 1121 West Michigan Street, Indianapolis, IN 46202-5186.

phone: (317) 274-7782
fax: (317) 274-2419
e-mail: ce@iUSD.iupui.edu

Northern Exposure

(News from the Fort Wayne, Northwest, and South Bend campuses)

Honors and Commencement Programs 1996

INDIANA UNIVERSITY NORTHWEST

Allied Dental Education Ceremony

May 11

PATRICIA A. IMBODEN
High Distinction, Dental Hygiene

LISA M. MARCINIAK
High Distinction, Dental Hygiene

LEASA N. CUMMINS
Distinction, Dental Hygiene

SAMANTHA STALBAUM
Distinction, Dental Assisting
Awards of distinction presented by
Kathy Hinshaw, director of dental
education, and Amy Townsend, dental
education adjunct faculty member

Dental Assisting Awards

SHARON FARKUS
*Edward W. Farrell Award for
Professional Growth*, presented by
faculty member Dr. Guy Janssen, dental
education adjunct faculty member

ILLIANA GONZALEZ
Peggy Burger Memorial Award,
presented by Amy Townsend

LORI HALL
*Abraham J. Ochstein Award for
Professionalism*, presented by Rita
Jablun, dental education adjunct faculty
member

SAMANTHA STALBAUM
*Membership, Phi Epsilon Nu Dental
Assisting Honor Society*, presented by
Lynn Wilson, dental education adjunct
faculty member

JULIE VAUGHN
*Membership, Phi Epsilon Nu Dental
Assisting Honor Society*, presented
by Lynn Wilson
*Juliette Southard Award for
Outstanding Leadership*,
presented by Lynn Wilson

Dental Hygiene Awards

DIANE BLACKMON
A. Rebekah Fisk Award, presented by
Ronda Henning, president of the
Northwest Indiana Dental Hygienists'
Association

Oral Health Education Award,
presented by Lynne Wiley, dental
education adjunct faculty member
*Procter & Gamble Award for
Outstanding Periodontal Treatment*,
presented by Donna Krause, clinical
assistant professor of dental education

LEASA N. CUMMINS
Hu-Friedy Golden Scaler Award,
presented by Juanita Robinson, clinical
assistant professor of dental education

AUTUMN FILBRUN
Lana Jo Podsadecki-Wild Award,
named in memory of a 1983 graduate of
the program who died in 1989; presented
by Ronda Henning, a classmate of Lana
Jo Podsadecki

PATRICIA A. IMBODEN
*Membership, Beta Tau Chapter, Sigma
Phi Alpha Honor Society*; presented by
Jane Forsberg, chapter president

MARCY LENNON
*Edward W. Farrell Award for
Professional Growth*, presented by
Dr. Guy Janssen

LISA M. MARCINIAK
*Membership, Beta Tau Chapter, Sigma
Phi Alpha Honor Society*; presented by
Jane Forsberg

*Clinical Faculty Professionalism
Award*, presented by dental education
adjunct faculty member Cinda Fife

JENNIFER BALLAS
(ASDH Class of 1997)
Christine Newhard Scholarship,
named in memory of a graduate who
died shortly after she completed IUN's
dental assisting program in 1984. Ms.
Newhard had intended to enter the
dental hygiene program; the scholarship
created by her parents goes to a graduate
of IUN's dental assisting program who
has completed one year of the dental
hygiene program. Presented by Dr.
Robert Moon, assistant dean of Allied
Health Sciences.

JUDI SCHELLING
(ASDH Class of 1997)
*Northwest Indiana Dental Hygienists'
Association scholarship*,
presented by Ronda Henning

INDIANA UNIVERSITY SOUTH BEND

Dental Hygiene Ceremony

May 1

Awards presented by Dr. Shant
Markarian, director of dental education

CONNIE F. ENGEL
*High Distinction
Excellence in Dental Hygiene Award*,
given by IU

BRENDA J. FEECE
*Dr. Charles E. Hassel Community
Service Award*, named for a 1967 dental
graduate of IU and given by the North
Central Dental Society

GERI L. FORTNEY
*Procter & Gamble Preventive Oral
Health Award*

COLLETTE M. NAFZIGER
A. Rebekah Fisk Award, named for IU's
first director of dental hygiene and given
by the Indiana Dental Hygienists'
Association

SUSAN J. SAFAR
*Dorothy Fromm Preventive Dentistry
Award*, given by Dr. Alfred Fromm,
South Bend, in memory of his wife

Dental Assisting Ceremony

June 5

BRENDA DAVIS
Clinical Award, presented by Barbara
Pasionek-Wieczorek, dental assisting
program director

KIM FEECE
*Instructor Award for Scholastic
Achievement*, presented by Debra
Pontecorvo, dental assisting instructor

DEBRA GRAY
Student Award, presented by
Debra Pontecorvo

Ralph G. Schimmele Award, presented
by Barbara Pasionek-Wieczorek

JULIE SHOLTY
*Instructor Award for Scholastic
Achievement*, presented by Debra
Pontecorvo

INDIANA UNIVERSITY- PURDUE UNIVERSITY FORT WAYNE

Dental Laboratory Technology Ceremony May 3

CHARLES J. CUSHING
Highest Academic Achievement Award,
presented by Mr. Frederick Kirkpatrick
and sponsored by Sullivan Dental
Products of Fort Wayne
*Herb Reiningger Award for
Professionalism and Dedication*,
presented by Mr. Charles Champion,
chair of the Dental Laboratory
Technology Department, and sponsored
by the Dental Laboratory Advisory
Committee

ANDREW L. CASE
*Best Individual Improvement in Dental
Laboratory Performance*, presented by
Mr. Albino Perez, clinical assistant
professor, and sponsored by J.F.
Jelenko & Co.

Dental Assisting Ceremony May 11

BETH A. BRADFORD
*Outstanding Student Award for
Clinical Excellence and High Standards*

JANET K. BRADTMUELLER
*Outstanding Student Award for
Professional Attitude and High
Standards*

JUDITH L. COMSTOCK
*Indiana Dental Assistants' Association
Scholarship*

KAREN L. JOHNSON
*Outstanding Academic Achievement
Award*

Dental Hygiene Ceremony April 21

GINA M. KREIGH
Gloria H. Huxoll Award, presented by
Jacqueline Brian, associate professor,
dental education

INGRID O. MOREY
*Outstanding Academic Achievement
Award*, presented by Elaine Foley, chair
of the Dental Hygiene Department

TERRI L. ROBERTSON
*Isaac Knapp Dental Hygiene Education
Award*, presented by Janell Smith,
president, Isaac Knapp Dental
Hygienists' Association

KATHLEEN L. SHIPBAUGH
*Outstanding Academic Achievement
Award*, presented by Elaine Foley
Hu-Friedy Golden Scaler Award,
presented by Mary Cooper, associate
professor, dental education

LISA M. STORER
A. Rebekah Fisk Award, presented by
Linda Galloway, trustee, Indiana Dental
Hygienists' Association

CYNTHIA L. WOLFORD
*Outstanding Academic Achievement
Award*, presented by Elaine Foley
Oral Pathology Award, presented by Dr.
Timothy Shambaugh, Fort Wayne oral
and maxillofacial surgeon and associate
faculty member

SANDRA M. KNAPP
(ASDH Class of 1997)
*Isaac Knapp Dental Hygienists'
Association scholarship*, presented by
Pamela Drake, scholarship chair, IDHA
and IKDHA

Jami Beard, clinical assistant professor
and chair of the Dental Assisting
Department at Fort Wayne, reports that
several of her students were recognized
for their excellent work during the
Indiana Dental Assistants' Association's
annual session in Indianapolis last May.
Lisa Marker won the IDAA
professional paper competition with a
presentation titled "The Dental
Bleaching Process." Ms. Marker's
classmate, **Karen Johnson**, was runner-
up with a paper titled "Images: From
Shadows to Virtual Reality."

One of the Fort Wayne campus's three
dental assisting table clinics presented
at the IDAA meeting also won that
state competition. The winning clinic,
titled "The Winning Team," was
produced by **Carrie Ellenburg**,
Rachelle Haner, **Holly Legowski**,
Melissa Mynatt, and **Natalie Reighter**.

Professor Beard and **Connie Kracher**,
assistant professor, once again attended
the IDAA session as delegates from the
Isaac Knapp Dental Assistants' Society.
Professor Beard serves on the Bylaws
Committee of the American Dental
Assistants' Association and as a
consultant to the American Dental
Association Commission on Dental
Accreditation.

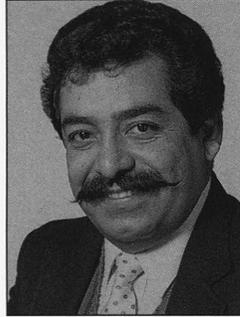
Wrapping up their jobs as class officers
for the IUPU Fort Wayne dental
assisting class in May were **Kristine
McKay**, president; **Melissa Mynatt**,
secretary; **Natalie Reighter**, treasurer;
and **Beth Bradford**, student/faculty
representative.

Barbara Pasioneck-Wieczorek, dental
assisting program director at IU South
Bend, reports that Class of 1996 grad
Brenda Davis was the second-place
winner in the IDAA's poster
competition last May.

From Dr. **Shant Markarian**, director of
dental education at IU South Bend, we
have learned that the IUSB Dental
Hygiene program recently celebrated
the silver anniversary of its first
graduating class at an all-class alumni
reunion. The gala weekend in South
Bend was highlighted by a 25th
anniversary reception and dinner. A
Scholars Fund to be associated with the
silver anniversary was announced, and
South Bend graduate **Jenny Huffman**
(ASDH'80), Plymouth, received the
1996 Distinguished Dental Hygiene
Alumni Award.

National Group Names Professor Albino Perez Educator of the Year

Albino M. Perez, clinical assistant professor of dental laboratory technology at Indiana University-Purdue University Fort Wayne (IPFW), was named 1996 Educator of the Year by the National Association of Dental Laboratories (NADL), June 28.



Professor Perez

Professor Perez was honored for his "outstanding contributions to the future of dental technology through education."

He came to IPFW in 1977 and has maintained a dental laboratory practice since then. He is owner and manager of Perez Dental Laboratory Clinic and Consulting Services. In addition to his work with IU students, he is a frequent lecturer to practicing dental technicians, dental study groups, employees in dental laboratories and companies, and at dental conferences nationally and internationally.

Professor Perez holds three degrees from Indiana University: an A.S. in dental laboratory technology (1977), a B.S. in education (1981), and an M.S. in education (1984).

Professor Perez is chair of the Fort Wayne Mayor's Affirmative Action Advisory Council, past president of the Fort Wayne Hispanic Chamber of Commerce, and a board member for Indianapolis J. Everett Light Career Center, Community Action of Northeast Indiana, and American Red Cross of Northeast Indiana.

He is a member of the Greater Indianapolis Study Group and the Commercial Dental Laboratories of Indiana, to whose board of directors he was recently elected for a second term.

"As long as I can remember, Al has contributed to education all across the country," said Lawrence Sowinski, president of Commercial Dental Laboratories of Indiana and president of Somer Dental Laboratories in Zionsville. "He trains technicians for

certification and continuing education, he's heavily involved in consulting with laboratories, and he's an active member in our association. I worked with Al to allow educators voting rights in NADL, which has primarily been an association for dental laboratory owners. It was a major step to give educators voting rights in the largest dental laboratory association in the county."

Professor Perez's areas of expertise include dental anatomy, tooth morphology and physiology, occlusion, fixed prosthodontics, and dental laboratory management. He is a Certified Dental Technician in the specialties of crown and bridge and ceramics.

He resides at 5071S 875E, LaOtta, IN 46763-9801.

A Salute to IUSB Faculty Practitioners

The Indiana University South Bend division of Dental Education wishes to thank the dental professionals listed here for serving as faculty practitioners and providing clinical experience for South Bend's dental assisting students during the spring 1996 semester's externship program:

Thomas Allen (DDS'76)
Jay Asdell (DDS'83)
Robert Barker (DDS'84)
David Barts (DDS'89)
Douglas Bateman (DDS'72)
Larry Beachy (DDS'59)
Michael Beachy (DDS'84)
Bruce Benifiel (DDS'87)
Michael Bigler (DDS'79)
Matthew Brennan (DDS'89)
Norman Bryan (DDS'73)
Terry Bryant (DDS'92)
Ron Corley (DDS'72)
Mark Corn (DDS'87)
James Douglas (DDS'70)
Gilbert Eberhart (DDS'59)
Elizabeth Elliott (DDS'93)
Rhett Fagg (DDS'74, MSD'76)
Lena Fernback (DDS'85)
Michael Freid (DDS'71, MSD'74)
Daniel Fridh (DDS'75)
William Gitlin (DDS'78)
Mark Green
Nora Harmsen (DDS'84)
John Harrington (MSD'71)
David Harris (DDS'62)
Charles Hassel (DDS'67)
Douglas Hazel (DDS'69)
H. Ray Hazen (DDS'80, MSD'83)
Greg Herbster
Scott Hewitt (DDS'79)
Michael Johns (DDS'74, MSD'76)
Kerry Knappe (DDS'80)
Timothy Kulik (DDS'76)
John Lehman Jr. (DDS'74, MSD'76)
Cynthia Lindborg (DDS'84)
David Lindborg (DDS'84)
Don McNamara (DDS'83)
James Macri (DDS'74, MSD'76)
Wes Magnuson (DDS'82)
Mark Mihalo (DDS'87)
Roger Miller (DDS'72)
Thomas Moryl (DDS'71)
Michael Rader (DDS'79)
William Record (DDS'76)
Gregory Robbins (DDS'85, MSD'88)
Charles Rosenbaum (MSD'63)
Paul Sergio (DDS'83)
G.C. Smith (DDS'61)
Bryan Snook (DDS'76)
Jeffrey Steele (DDS'87)
John Stewart (DDS'76)
Thomas Stokes II (DDS'80)
David Strycker (DDS'83)
George Surguy (DDS'83)
Lynn Thomas (DDS'77)
Michael Uzelac (DDS'82)
Harvey Weingarten (DDS'79)
Daniel White (DDS'79)
Howard Wiesjahn (DDS'80)
Renee Ostermiller Wolf
Steve Wong (DDS'89)

A FOUNDATION of *Friends*

To build its
educational programs,
the Indiana University
School of Dentistry
could not reach for
great heights if it
did not stand on
a solid foundation.

The dental alumni and other friends of the school help to provide the type of strong foundation that makes striving for excellence possible at IU. Each year the school is touched by the generosity and support of many hundreds of persons. Their gifts to the Indiana University Foundation, put to use by the school in a diversity of projects, help give rise to a comprehensive dental curriculum for our students that is among the best in the nation. Ultimately, these gifts help to shape the future of oral healthcare in Indiana.

The following lists include the names of the dental school's 1995 donors, to whom the IUSD faculty, staff, and students extend a heartfelt thank-you.

A few of our many supporters are also pictured on the evening of May 3, 1996, when hundreds of the school's supporters attended the annual Donors Recognition celebration at the Westin Hotel in downtown Indianapolis.

Photos by Mike Halloran

A Special Note of Thanks

They have now scattered throughout Indiana and the nation to pursue their careers or continue their studies. But shortly before they departed from the IU School of Dentistry last summer, members of the DDS Class of 1996 took time from their own hectic schedules to raise \$500 for their alma mater.

In a letter recently sent to each member of the class and reprinted here, Dean George K. Stookey acknowledged this extraordinary gesture on the part of IU's newest dentists.

Fall 1996

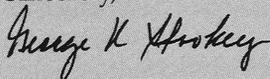
Dear DDS Class of 1996:

The faculty, staff, and students join me in expressing our deep appreciation for your very kind and generous donation to Indiana University School of Dentistry. We were indeed touched by your thoughtful gift.

As we begin the new academic year, the halls and corridors of our school are bustling with excitement. They are animated by students who are filled with anticipation and hopefulness for a year of learning, growth, and camaraderie. In observing these students, I hear echoes of the excitement you brought to IUSD when you first arrived in 1992, and I envision the tremendous professional growth they will experience, as you did, during their four years of study.

In the spirit of reciprocity and as a tribute to you and all who came before you, my colleagues and I have rededicated ourselves to giving our best every day for the students we are privileged to serve. Thank you for your many and varied contributions to Indiana University School of Dentistry and most expressly for helping us champion the next generation's dreams. Best personal regards.

Sincerely,



George K. Stookey, PhD
Acting Dean

IUSD Donors

January 1–December 31, 1995

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Platinum Society
(annual gifts of \$5,000 or more)*

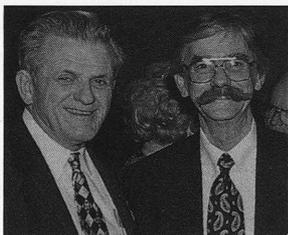
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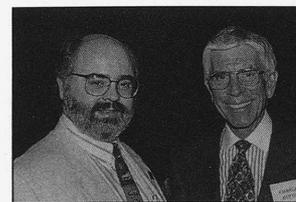
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(gifts from \$500 to \$999)*

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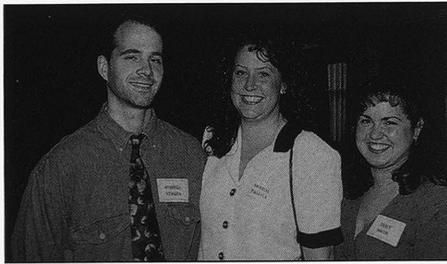


*Miles Standish, Charles and Jackie
Tomich, Gerald Bepko*

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Dr. Gary L. Breslauer
Miss Irene Bright
Dr. Todd P. Briscoe
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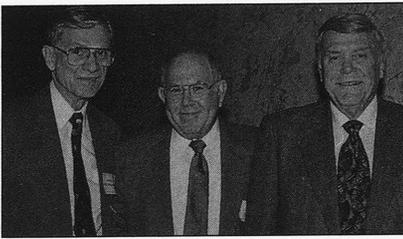


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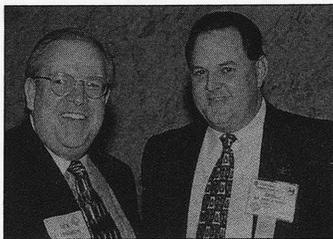


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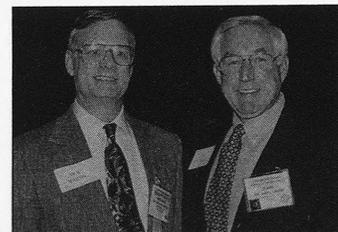


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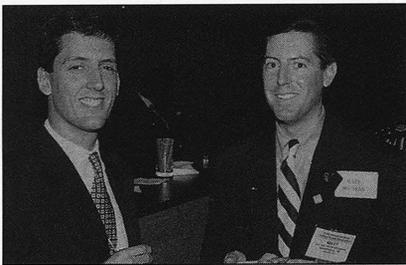
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 Dr. Charles H. Rosenbaum
 Dr. John A. Roshel Jr.
 Dr. Theresa A. Ross-Gonzalez
 Dr. Ronald L. Rumbaugh
 Dr. Rodney D. Runyon
 Ms. Paula R. Russell
 Dr. Charles M. Sage
 Col. George W. Schad
 Mr. and Mrs. Phillip V. Schilling
 Dr. N.J. Schneider
 Dr. John F. Scudder
 Mr. and Mrs. Oscar B. Segal
 Ms. Regina Seider
 Dr. Donald F. Sheller
 Dr. Murray Shuser

Dr. and Mrs.
Frederick
Simmons Jr.
Dr. and Mrs. James
L. Simpson
Dr. Jack D. Singer
Mrs. Pamela S.
Sitton
Dr. and Mrs.
Charles P. Slavin
Ms. Marilyn L.
Smith
Dr. and Mrs. Mark
W. Smith
Dr. Michael W. Spalding
Ms. Pauline Spencer
Ms. Karen E. Starkey
Dr. Jan A. Starr
Dr. Jeffrey D. Starr
Ms. Colleen F. Sullivan
Ms. Kelly J. Swatts
Mrs. Leni F. Sweet
Mr. and Mrs. Frederick M.
Swing
Dr. and Mrs. Frank A. Szot
Tandy Corporation—Radio Shack
T-R Precision Dental Lab
The Kids' Dentist
Dr. Thomas E. Tune
Dr. Lester L. Tyler
United Parcel Service
Foundation
Dr. James Vaiana
Ms. Linda M. Vanderbeke-
Turner
Dr. James P. Verneti
Ms. Jeri B. Wakefield
Dr. and Mrs. Robert J. Walden III
Miss Joan M. Waller
Mrs. Marlene D. Walker
Dr. Lowell S. Ward
Ms. Janice M. Warrick
Dr. Anthony J. West
Dr. Reuben L. White
Mr. and Mrs. Michael D.
Wickersham
Dr. Timothy J. Williams
Miss Amy L. Wilson
Ms. Sandra S. Wilson
Mr. and Mrs. Wayne R. Winsor
Mr. and Mrs. Jeffrey E. Woloshin
Dr. and Mrs. David P. Zandi
Dr. J. Eugene Ziegler
Mrs. Judith W. Zink



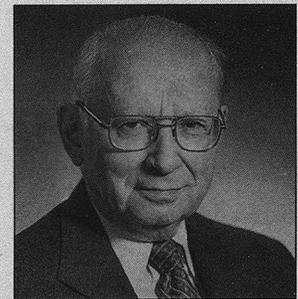
(Standing) Charles Moll, Bill Keaton, Gary and Leslie Schinbeckler, Chet Swimley, Sue Germain, Robert Sexton, Charles Hutton. (Seated) Helen Moll, Mary Keaton, Sonny Swimley, Lucreda Hutton

The IUSD Development Office makes every attempt to provide an accurate, up-to-date roster of the names of individuals and organizations contributing to these important funds. Omissions or errors should be reported to Pamela Lovejoy by writing to her at the dental school address or by calling (317) 274-3246.

THE MAYNARD K. HINE SOCIETY

The vision of a dean goes far beyond not only the walls of the dental school but also the academic years remaining in this century. It incorporates the care of generations to come. It is with this vision that I join Gerald L. Bepko, IU's vice president of long-range planning and chancellor of IUPUI, in announcing the establishment of the Maynard K. Hine Society.

This Society has been created to celebrate those generous friends of the school who champion the next generation's dreams. The Society is an honorary organization of persons who have chosen to support the future of Indiana University School of Dentistry through charitable bequests, life income gifts, and trusts.



Maynard K. Hine

Dr. Maynard K. Hine, dean emeritus of Indiana University School of Dentistry who served as first chancellor of Indiana University—Purdue University

Indianapolis, is internationally renowned for his commitment to and pursuit of excellence in all components of the triad: teaching, research, and service. To reflect on the many and varied contributions of this distinguished leader, practitioner, educator, scientist, author, mentor, and friend, I am reminded of an intricate tapestry. Although the tapestry has grown almost without design and has been woven by many hands, the threads of the Master Craftsman, with the unmistakable signs of his nurturing and guidance, are prominent. He chose the pattern and quality of the fabric. His weaving continues...

Richard D. Ellsworth (DDS'73), Lafayette, has agreed to serve as the first chair for the Hine Society.

If you would like additional information, please contact me at (317) 274-7461.

Dr. George K. Stookey
Acting Dean of Dentistry



Julie Bath, Willard and Lillie Damm,
Brad Bath

GETTING THE JUMP on *Dental DECAY*

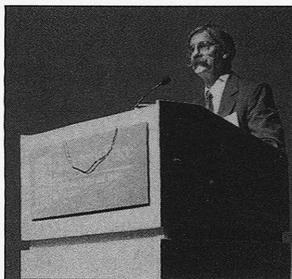
Given the right set of circumstances within the oral environment, dental decay can take its own sweet time to develop.

Progression of dental decay is not only gradual but stealthy—sometimes decay is in the works for years before the dentist can actually see it on a radiograph or detect it with a dental instrument.

But teams of dental researchers in Europe and the U.S. would like to put a stop to the covert operations of this common disease.

Advances in technology in recent years have made it possible for scientists to study the demineralization of tooth surfaces at the very earliest stages of its occurrence—at a point so early, in fact, that they are now experimenting with strategies to not only halt the enamel break-down but also reverse it through processes of remineralization.

With “Early Detection of Dental Caries” as its theme, the first annual Indiana Conference was hosted by the Indiana University School of Dentistry on the IUPUI campus last May.



Conference host
George K. Stookey

Thirty-four scholars from England, Germany, The Netherlands, Scotland, Sweden, and the U.S. presented papers and posters on the topic of early detection of caries. About 125 scientists, many from overseas, attended the four-day symposium.

Dr. George K. Stookey, IU's acting dean of dentistry and the school's longtime associate dean for research, created the conference to complement the IU dental school's growing reputation as one of the major centers for dental research in the U.S.

“The three goals of this conference,” Dr. Stookey says, “were to provide a forum for dental scientists and educators to review and discuss the state-of-the-art in early caries detection methodologies, to identify issues for continued research, and to review the clinical implications of these technologies for both dental research and dental practice.”

As researchers learn more about the early stages of caries development they hope to be able to provide dentists with information that eventually will be a valuable component to the preventive dentistry regimens offered to patients. “Looking toward the future, it is feasible

International researchers gather at Indiana University to discuss experimental methods used to detect dental caries at the earliest stages of development



Dr. Elbert de Josselin de Jong

to foresee a time when dentists will be able to test for very early dental decay, which isn't yet clinically detectable, using current-day procedures,” Dr. Stookey says.

Even more important, Dr. Stookey adds, the testing could detect the early stages of decay while there is still time for the tooth to be returned to a healthy state through fluoride treatments—or perhaps by other methods yet to be developed. It may one day be possible for some patients who would otherwise be cavity-prone to avoid the dental drill by

choosing instead to have their teeth scanned—and treated, if necessary—during routine visits to the dental office.

During the past decade many investigators, especially those in Europe, have proposed and investigated a number of alternative procedures for the early detection of dental caries, including such techniques as fibre-optic transillumination, electrical conductance, light-induced and dye-enhanced laser fluorescence, and confocal microscopy. "Progress has been reviewed at symposia held in conjunction with meetings of both the European Organization for Caries Research (ORCA) and the International Association for Dental Research," says Dr. Stookey. "At the Indiana Conference we wanted to review progress in the development of early detection methodologies and also to begin exploring ways to introduce these procedures into the curricula of dental schools and into dental practices."

Supported financially by Procter & Gamble, the Indiana Conference is international in scope and will be held annually on the IUPUI campus in the spring or early summer. Conference themes will change for the first three years in an effort to cover several topics of fundamental importance to the future of clinical dentistry. Next year's Indiana Conference will reflect work under way in the school's Department of Oral Biology; the following year's meeting will be hosted by IU's bone researchers. In 1999, the conference will return to the early detection of dental caries for an update. The programs will continue to include bodies of work being undertaken not only by specific groups of IU researchers but also by leading experts around the world.

GLOBAL EFFORT

Indiana Conference Participants

*Academic Centre for Dentistry
Amsterdam, The Netherlands*
Dr. J.M. ten Cate
Dr. J.P. van Amerongen
Dr. Paul F. van der Stelt

University of Glasgow, Scotland
Dr. Andrew F. Hall

Indiana University
Dr. Mostafa Analoui
Dr. Bradley B. Beiswanger
Dr. Edward J. DeSchepper
Dr. Hafsteinn Eggertsson
Dr. Maxim Lagerweij
Dr. Dale A. Miles
Dr. Monique H. van der Veen
Dr. Andrea G.F. Zandoná

*Inspektor Research Systems bv
Amsterdam, The Netherlands*
Dr. Elbert de Josselin de Jong

*Johannes Gutenberg-Universität
Mainz, Germany*
Dr. Heinz Duschner

*Karolinska Institutet
Huddinge, Sweden*
Dr. Susan Al-Khateeb
Dr. Birgit Angmar-Månsson
Dr. Folke Lagerlöf
Dr. Sofia Tranaeus

*St Bartholomew's and the
Royal London School of
Medicine and Dentistry
England*
Dr. Malcolm Levinkind
Dr. Edward Lynch

*United Medical and Dental
Schools of Guy's and St.
Thomas' Hospitals
London, England*
Dr. Edwina A.M. Kidd
Dr. David N.J. Ricketts

*Universität Marburg
Germany*
Dr. Andreas Schulte

*University of California
San Francisco*
Dr. John D.B. Featherstone
Dr. LaJuan M. Hall
Dr. W. Rory Hume

*University of Copenhagen
Denmark*
Dr. Kim R. Ekstrand

*University of Dundee
Scotland*
Dr. Cynthia M. Pine
Dr. Nigel Pitts

*University of Groningen
The Netherlands*
Dr. Jaap J. ten Bosch

University of Hong Kong
Dr. Anut Itthagarun

*University of Nebraska
Medical Center*
Dr. Catherine E. Eastland

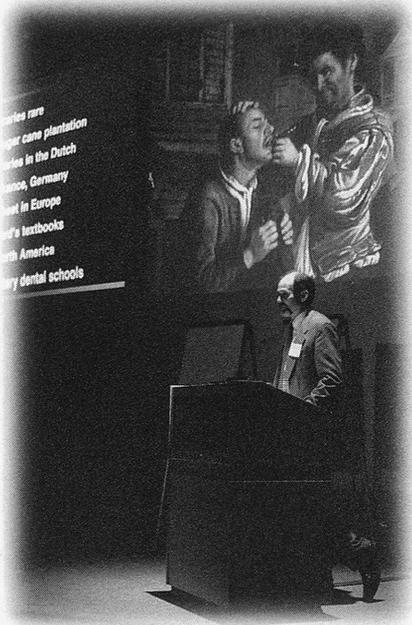
University of North Carolina
Dr. James D. Bader

*University of Texas Health
Science Center at San Antonio*
Dr. John P. Brown

WHO WAS THERE?

A few of the faces from the Indiana Conference

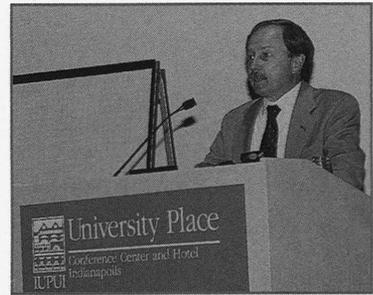
Photos by Mike Halloran



Dr. W. Rory Hume



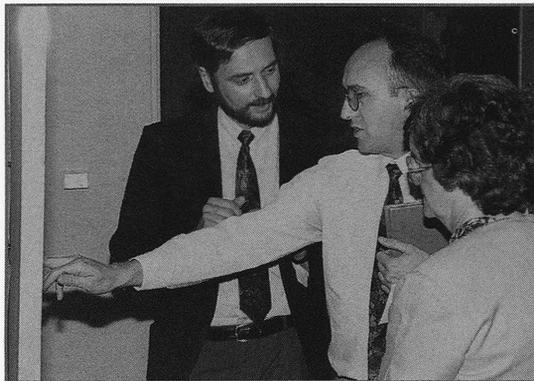
Dr. Paul van der Stelt



Gerald L. Bepko, IU's vice president for long-range planning and chancellor of IUPUI, welcomes participants to the first Indiana Conference



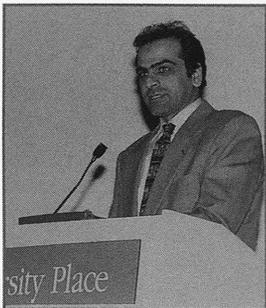
Dr. Birgit Angmar-Månsson



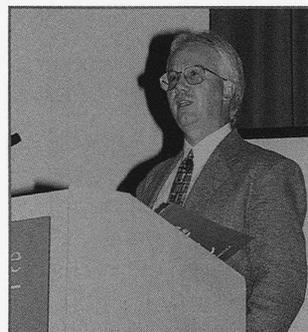
Drs. Andreas Schulte, David Ricketts, and Edwina Kidd



Drs. Elbert de Josselin de Jong, Heinz Duschner, and Lajuan Hall



Dr. Mostafa Analoui



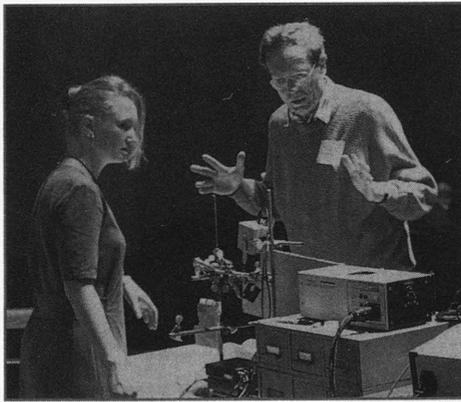
Dr. Dale Miles



Drs. Malcolm Levinkind and Catherine Eastland



Drs. Susan Al-Khateeb and Andrew Hall

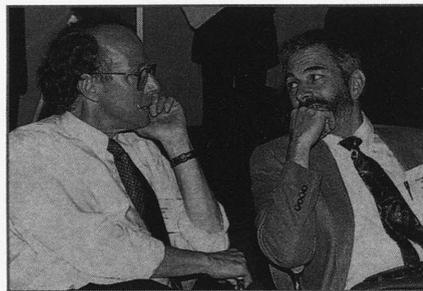


Drs. Monique van der Veen and Jaap ten Bosch

**Early Detection of Dental Caries:
An Excerpt from the Proceedings**

Each Indiana Conference will culminate in publication of a monograph, which will contain all of the manuscripts and posters presented and discussed. The first monograph, titled *Early Detection of Dental Caries—Proceedings of the 1st Annual Indiana Conference*, is in press and will be available from dental libraries in December 1996.

As a sampling of what was discussed at the first conference, we offer a monograph excerpt written by Dr. Bradley B. Beiswanger, IU professor of preventive and community dentistry and associate director of clinical research at the Oral Health Research Institute. It appears in the *Alumni Bulletin* with permission of Dr. George K. Stookey, *Proceedings* editor.



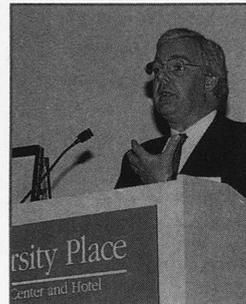
Drs. J.M. ten Cate and Domenick Zero



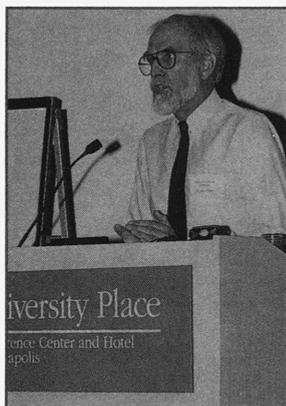
Foreground: Drs. Andreas Schulte, Malcolm Levinkind, C. Longbottom, and Douglas Young



Mr. Richard Chesters with Drs. Mark Putt and Andrea Zandoná



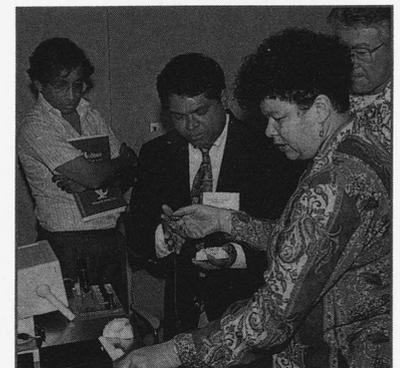
Dr. Nigel Pitts



Dr. James Bader



Dr. Edward Lynch



Foreground: Dr. Cynthia Pine demonstrating fibre-optic transillumination

CLINICAL VALIDATION

of EARLY CARIES DETECTION

METHODOLOGIES

Bradley B. Beiswanger

Having performed clinical and radiographic caries examinations for the past 29 years, I need no convincing that there ought to be a better way to diagnose dental caries. While our contemporaries in other disciplines have developed numerous high-technology diagnostic procedures, we have continued to rely on our senses of sight and touch. These procedures which have served us for many years have posed limitations upon our accuracy, our precision and our acuity. In essence, sometimes we make false positive errors and other times false negative errors, we vary in our diagnoses from occasion to occasion, and we recognize caries only at a relatively late stage in its developmental process.

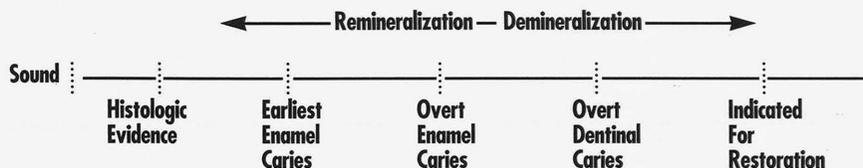
I'm sure we would all agree to utilize new methods if they could be shown to be:

1. quantitative;
 2. objective;
 3. capable of detecting caries activity in an earlier stage of development;
 4. more accurate than current methods (i.e., have a higher sensitivity and specificity);
 5. more precise than current methods (i.e., less variation);
- and
6. not greatly more inconvenient than current methods.

Indeed, our current methods are more qualitative than quantitative, subjective, and vary from operator to operator as to their accuracy and precision. Generally, as was well summarized in the paper by ten Cate and van Amerongen earlier in this conference, current visual and tactile methods have relatively high specificities (0.9 or greater) and relatively low-sensitivities (0.3-0.5 or so). As you will recall, the interpretation of these values is that

experienced dental caries diagnosticians don't make many false-positive diagnoses (i.e., classifying a truly sound surface as carious), but we do make many false-negative diagnoses (i.e., classifying a surface truly affected by some stage of the caries process as being sound).

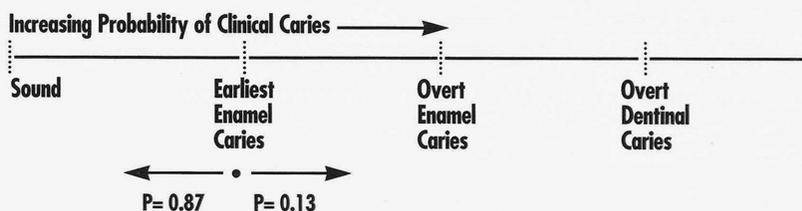
If we look at the continuum of demineralization/remineralization which we know as the caries process, we understand that the process which creates what we finally detect as a "clinical lesion" has been ongoing for quite some time prior to our discovering it.



Frequently, histological techniques are employed as a "gold standard" for evaluating other forms of diagnoses. Of course sensitivity is very poor for clinicians whose application of diagnostic criteria permits them only to diagnose as "cariou" those lesions which are overt and have progressed into dentinal involvement. Better sensitivities are achieved by those clinicians who diagnose as "cariou" those lesions which are still in the earlier stages, typified by the white-spot, the softened fissure and the interproximal "etch." Obviously, with histologic methods serving as the "gold standard," the only methods which will have very high sensitivities are those which emulate histology in acuity for detecting the initiation of mineral loss from the tooth structure.

Before we get too deeply committed to histology as providing the correct answers by which we rate other diagnostic methods, I'd like to recall some literature. In 1966, Backer Dirks reported having diagnosed 72 white-spot lesions in 8-year-old children. He followed these particular early enamel lesions, and after 7 years he remade clinical evaluations. Of the 72 original early lesions, 9 lesions (13%) had progressed to clinical caries, 25 lesions (35%) were still "white-spots" and 38 (57%) were no longer clinically detectable. These observations were made in the absence of any fluoride therapeutic agents such as dentifrices, topical applications, etc.

So, returning to our diagnostics chart,



if we apply Backer Dirks findings, the earliest lesions we currently diagnose clinically have only a 13% probability of progressing. Presumably if we diagnosed lesions even earlier than these, they would have even less chance of progression. Histology, of course, has the ability to make positive diagnoses at an extremely early stage of demineralization, earlier than can be detected clinically.

At this point, one must question whether histology is a relevant gold standard for clinical caries, since it seems the majority of histologically diagnosed "decalcifications" would never progress to clinical caries. Indeed, if clinical caries could be considered the gold standard, as it properly should be, then histology would have a high sensitivity, but a quite poor specificity, due to a multitude of false-positive errors.

A second serious shortcoming of histology is that it is a completely invasive and destructive method, precluding the possibility of prospective study or intermittent evaluation. This, then, prevents the "validation" of histologic techniques with regard to identifying decalcifications which indeed do progress to the stage of requiring preventive or restorative clinical intervention.

So, while histology may be the current "gold standard" for detecting enamel demineralization, its true relevance to clinical caries remains unknown.

Probably the most important feature (other than accuracy and precision) we could ask of a new, early-detection clinical method is that it be quantitative. Having a truly quantitative clinical evaluation tool would permit us to use ROC (receiver operator characteristics) analyses to understand the relationship between threshold placement, sensitivity and the false-positive rate (1-specificity). These analyses would permit us to develop "thresholds" for categorizing surfaces as either sound (including reversed or inactive caries), carious requiring preventive treatment,

or carious requiring restorative treatment. As other speakers have alluded, the purpose of performing the caries evaluation, whether treatment-oriented, prevention-oriented or research-oriented, could have an impact on the exact placement and definition of our choice of a "threshold" for caries. For purposes of individual patient care, we might prefer a threshold which gave us higher sensitivity and a low false-negative rate, whereas in clinical trials, having a higher specificity and lower false-positive rate might be more suitable.

Our laboratories have devoted and continue to devote much effort to understanding and quantitating the fluorescence of sound and demineralized enamel. Due to the different challenges presented by various surface types, we have separate teams exploring methods particularly suited to occlusal surfaces (pit and fissure caries), facial-lingual surfaces (smooth surface caries) and interproximal surfaces.

My charge for this meeting was to discuss with you what might be done to provide "validation" of a new diagnostic method for clinical caries detection. Ongoing research by our team of investigators has indicated that a very promising procedure is the use of light-induced fluorescence (LF). Our research has demonstrated that the use of fluorescence methods can detect enamel demineralizations which are 5-8 μm in depth; this is in marked contrast to lesions detected by radiographs which have a minimal depth of about 500 μm . However, all our prior research has been conducted using in vitro models, and no information is available regarding the clinical utility of this methodology. Thus, it is imperative that this procedure be validated in a clinical trial designed to determine whether methods employing quantitative fluorescence are a suitable means of diagnosing areas of enamel demineralization prior to these areas becoming clinically diagnosable caries.

Our idea for validating this new clinical method of early caries detection is to evaluate deciduous teeth in 9-year-old children each 6 months for a 3-year period. Clinical evaluation would be performed using conventional visual-tactile radiographic methods and quantitative fluorescence methods. Digital images would be used for indicating the locations of positive diagnoses. Upon exfoliation, the teeth could be collected for histologic/confocal/transverse micro-radiography assessment.

The primary analysis for the above trial would be to determine the relative proportions of early lesions detected by fluorescence methods which either become reversals, show no change, or progress into clinically detectable lesions. These analyses would be performed separately for the various surface types. A threshold could then be developed to define lesions not requiring any treatment and lesions requiring preventive therapy. In setting this threshold one would like to have a high sensitivity (i.e., detect potential disease when potential disease is present) so that potential disease can be treated preventively. The consequences of false-positive errors are only that some teeth may receive unnecessary preventive attention.

What a pleasure to be a future diagnostician! "Well, Mrs. Jones, having done a fluorometric exam, I found that you have 2 areas which will very likely become cavities and will need to have fillings in a couple of years unless we take preventive steps to alter their course. There are a few other smaller areas that may or may not progress, and we will continue to monitor to make sure they don't get worse. We'll give you a preventive treatment today, and I want you to come back"

Reference

Backer Dirks O: *Post-eruptive changes in dental enamel*. J Dent Res 1966;45:503-511.

Postdoc Profiles

Photos by Susan Crum



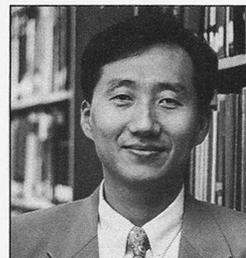
Angela Becker

ANGELA BECKER

Hometown: Kendallville; **Dental education:** DDS, Indiana University, 1994; **IU graduate program:** orthodontics (major), life sciences (minor); **Thesis:** *Assessment of osteoporosis risk factors in the female dental patient: a demographic study*; **Degree:** MSD, August 1996; **Plans:** To practice in Fort Wayne and Huntington with Jim Williams (DDS '72, MS/orthodontics '74).

SANGYUN CHOI

Hometown: Seoul, South Korea; **Dental education:** DDS, Seoul National University, 1986; **IU graduate program:** operative dentistry (major), dental materials (minor); **Thesis:** *Clinical comparative study of two in-office vital bleaching techniques*; **Degree:** MSD, July 1996; **Plans:** To enter private practice in Seoul.



Sangyun Choi

MARGHERITA R. FONTANA

Hometown: Caracas, Venezuela; **Dental education:** DDS, Universidad Central de Venezuela, 1990; **IU graduate program:** dental sciences (major), life sciences (minor); **Dissertation:** *Streptococcus mutans fimbriae: role in dental caries formation and prevention*; **Degree:** PhD, August 1996; **Plans:** To work as a postdoctoral researcher at Indiana University's Oral Health Research Institute.



Margherita R. Fontana

SEEMA GANATRA

Hometown: Calgary, Alberta, Canada; **Dental education:** DDS, University of Alberta, 1989; **IU graduate program:** oral pathology (major), diagnostic sciences (minor); **Thesis:** *p53 expression in oral epithelial dysplasia*; **Degree:** MSD, August 1996; **Plans:** To continue serving as an assistant professor of oral pathology in the Department of Oral Biology at the University of Nebraska Medical Center, Lincoln, a position held since August 1995.



Seema Ganatra

MANUEL ENRIQUE PEÑA

Hometown: Querétaro, Mexico; **Dental education:** DDS, Universidad Intercontinental, Mexico City, Mexico, 1988; **IU graduate program:** operative dentistry (major), dental materials (minor); **Thesis:** *Comparison of the physical properties of three types of luting cement: resin-modified glass-ionomer, conventional glass-ionomer and resin*; **Degree:** MSD, June 1996; **Plans:** To conduct a private practice in Querétaro, to return to my teaching position as course director of general dentistry at Universidad Intercontinental, and to continue managing a commercial dental laboratory.



Manuel Enrique Peña

JEFFREY A. PLATT

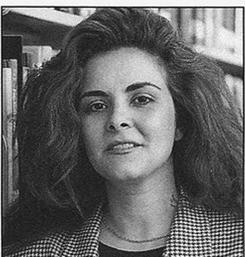
Hometown: Fort Wayne; **Dental education:** DDS, Indiana University, 1984; **IU graduate program:** dental materials (major), chemistry (minor); **Thesis:** *Correlation of the clinical and laboratory performance of five dentin bonding systems*; **Degree:** MS, August 1996; **Plans:** To continue in private practice in Fort Wayne with my father, James Platt (DDS '61), and Heather Hicks (DDS '93). Also, there are four children and a wife wanting a little more of my time. Perhaps now they can get it!



Jeffrey A. Platt

SALLY A. ROUSHDY

Hometown: Cairo, Egypt; **Dental education:** BDS, Faculty of Dental and Oral Medicine, Cairo University, 1986; **IU graduate program:** prosthodontics (major), dental materials (minor); **Thesis:** *Effect of luting agents and surface treatments on the strength of the Dicor castable glass ceramic*; **Degree:** MSD, June 1996; **Plans:** To practice in Ann Arbor, Mich., to enjoy life, and to get reacquainted with my hobbies: painting, piano, ceramics, and basketball.



Sally A. Roushdy

IU Grad John Rahe Announces Candidacy for ADA Presidency

The Alumni Bulletin has received the following announcement from Dr. Rahe's campaign team:



Dr. Rahe resides and practices in Aurora, Ind., about 20 miles west of Cincinnati.

At the close of the American Dental Association/FDI World Dental Congress in Orlando, Fla., in October, Dr. **John A. Rahe** announced his candidacy for 1997 president-elect of the ADA. Having devoted 33 years to a general solo practice and countless hours to leadership roles in the ADA and Indiana Dental Association, Dr. Rahe hopes to serve as a "Rahe" of leadership for the ADA.

With roots in the southern Indiana river town of Aurora, where he also established his dental practice, Dr. Rahe is a proud '56 graduate of Indiana University and '63 graduate of IU's School of Dentistry. He is a past president of the board of directors of the IU School of Dentistry Alumni Association and member of the school's Endowment Committee. Last year he received the dental alumni association's Distinguished Alumnus award.

Dr. Rahe is focusing his campaign on the issues of direct reimbursement and membership financial services. He is also stressing in his campaign the fact that he is running for the position after having completed his four-year obligation to the ADA board of trustees.

Direct reimbursement

Indiana is the "cradle" of direct reimbursement, and Dr. Rahe has been part of the direct reimbursement "team" from its earliest days. He maintains that direct reimbursement helps minimize costs while protecting the fundamental rights of patients and dentists. "Direct reimbursement is an excellent method for preserving a dental health system that works for everyone," he says.

Membership financial services

Throughout his term on the ADA board of trustees, John Rahe has been a strong advocate for providing quality financial services for dentists. The financial products provided by the ADA-I Plan have consistently been superior to those of the leading competitor. Service to the dentists has always held priority over profits for the organization. "ADA members in every state are benefiting from these financial services," he says.

Commitment to the ADA board of trustees has been fulfilled

Nearly all candidates for president-elect are fourth-year members of the ADA board and as such must face daily conflicts between campaign obligations and board responsibilities. In Dr. Rahe's view, this is not fair to the membership that the trustee has promised to serve. "I believe I can campaign with a clean conscience knowing I have not forsaken my duties as a trustee," he says.

Representing Indiana on the ADA board of trustees is just one of the many services Dr. Rahe has participated in for the ADA. He has served as liaison to the ADA councils on Insurance, Scientific Affairs, Government Affairs and Federal Dental Services, and Bylaws, Ethics and Judicial Affairs. He also served on the board of directors of the association's Holding Company and Financial Services Company, and on the Financial Services Quality Team and the Financial and Audit committees.

Besides holding a record of distinguished service to the ADA, Dr. Rahe is active in the IDA, having served as president, vice president,

speaker of the house, parliamentarian, vice president of the IDEA Corporation, president and board member of the Indiana Dental Political Action Committee, and as a member of the Dental Law Committee.

Since making his announcement at the ADA's annual session, Dr. Rahe has been meeting with colleagues and raising funds for his national campaign. He welcomes any suggestions and assistance his fellow alumni can provide.

If you would like to make suggestions, be a campaign volunteer, or make a donation to the John Rahe for ADA President-Elect Campaign, please call Indiana Chair Neal Richter (DDS'81): (219) 769-4600; or Fundraising Chair Dan Bade (DDS'78): (219) 924-3050.

Add Another Page to the History Books

W. Kelley Carr (DDS'55) was pictured on the front page of the *ADA News* last August for having received the American Dental Association's presidential citation honoring him for his "guiding efforts to promote direct reimbursement."

Referring to Dr. Carr as the "Father" of direct reimbursement, the ADA report credited the Lafayette, Ind., orthodontist for developing the direct reimbursement dental benefits concept in 1972.

"Direct reimbursement," Dr. Carr told the *News*, "is a key to help us serve the public and retain freedom of choice of patients to select their doctors and freedom of patients to select their treatment plans."

With this type of dental plan, patients are reimbursed by their employer for all or part of their dental treatment, depending on the benefits offered by the employer. Patients are seen by a dentist of their own choosing. The ADA began to promote the direct reimbursement concept in 1984 and has recently launched a marketing campaign that targets purchasers of dental benefit plans.

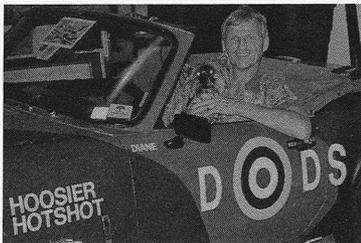
Dr. Carr accepted the citation from

ADA President William Ten Pas at a dental benefits conference in Chicago in July. Dr. Ten Pas was quoted by *News* reporter Dennis Spaeth: "It is very rare that a presidential citation is given to a person for a specific reason. This dentist has been known as the patient's advocate. He's been known as the dentist's dentist. He's been known as a person within the community that put the patient first and himself and his family, at times, second."

Dr. Carr is a former president of the Indiana Dental Association who received the IDA's Distinguished Service award in 1981 and the IU School of Dentistry Alumni Association's Distinguished Alumnus award in 1992. He graduated from IU's master's degree program in orthodontics in 1961.

FACTS FROM THE FIELD

1947 • Lawrence (Larry) Lang (DDS), Muncie, recently touched base by way of the Internet: "Having read of your invitation to join other members of the profession with this new media, I wish to add my name—or perhaps I should say our names—to include my wife, Jean. Our interest still centers around dentistry since I still practice the profession and she is still active in the alliance. We do manage to spend some time at Ft. Myers, Fla., and if friends find their way down there, they should give us a call at our number listed in the directory. Fishing and just being plain lazy take up our time in Florida (well, fishing for me and shopping for Jean). Sure would like to see Class of '47 at more of the meetings, both socially and professionally."



Dr. Thompson and furry friend behind the wheel of David's hot "Hoosier" rod.

1964 • David Bleeke (DDS), Fort Wayne, reports that he and his wife, Jan, enjoyed a wonderful visit last March with **David Thompson** (DDS) and his wife, Diane, at their home in Rancho Mirage, Calif.

"They are fine and wanted to say 'hi' to all of their friends back in Indiana," says Dr. Bleeke. "David still has strong support for the Hoosier state—see his car."

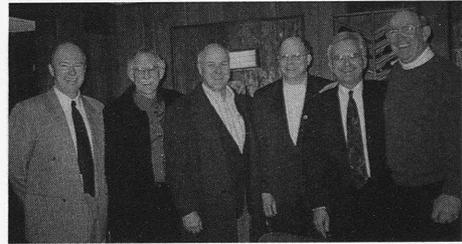
1964 • A Grand Reunion. Three dental hygiene grads from the Class of '64 (ASDH-IN) met for a spectacular reunion last May that took them for an adventure into the Grand Canyon. "**Joann (Campbell) Leetmae**, of Arvada, Colo., **Barbara (Murzyn) Punak**, of Crown Point, Ind., and I hiked down to Phantom Ranch," reports **Leslie (Smith) Ullstrup**, of Scottsdale, Ariz. "We spent one night there, then hiked out to the North Rim. After two days of R&R we embarked on the journey back to the south rim, hiking 23 miles in 10 hours. It was a great reunion and proves once again that lasting friendships are made at IU."

1977 • A nice update has arrived electronically from **John Crisler** (DDS), 1117 Rio Rancho Dr, SE, Rio Rancho, NM 87124, who says:

"I would love to hear from my classmates via the Internet. I have been in general practice in Rio Rancho, NM, just outside of Albuquerque, since 1980. I served in the Indian Health Service branch of the U.S. Public Health Service from 1977 until 1980 on the Navajo Indian Reservation near the Arizona/New Mexico border. I am the immediate past president of the New Mexico Academy of General Dentistry, and I had the honor on June 30, 1996, of receiving my Mastership Award in the AGD at the convocation ceremony in Portland, Ore. I am also the current delegate from New Mexico to the AGD House of Delegates. I am happily married with two great children. We live in a very nice community of 45,000 people.

I have always been very proud to be a graduate of IUSD. I've had the opportunity to see lots of dentistry from all over the country (and other parts of the world), and my didactic and clinical experiences at IUSD gave me a very solid foundation from which to further my love for dentistry. Recently I had the pleasure of reacquainting myself with friend and classmate **Jim Hastings**, who is mentoring our Esthetic Dentistry Study Club this year. Jim is becoming quite a rising star in the cosmetic dentistry arena."

1984 • O.H. Rigsbee III (DDS), an Indianapolis orthodontist, has



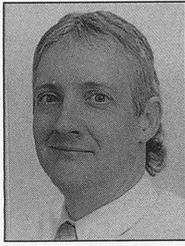
Warming Up with Good Friends at the Mid-Winter. It was reunion time for the IUSD Class of '64 during the 1996 Chicago Mid-Winter last February. Posing with **H. William Gilmore** (DDS'58), former dean of dentistry (third from left) are former classmates, from left: **Maurice Lord, Lafayette**; **David Marks, Tulsa, Okla.**; **James Bayley, Lafayette**; **David Bleeke, Fort Wayne**; and **Charles Puntillo, Highland**.

completed the comprehensive examination of the American Board of Orthodontics and is now board certified. This board is recognized by the ADA as the only certifying board in the orthodontic specialty. Dr. Rigsbee obtained his education in orthodontics from the University of Illinois. Dr. Rigsbee is the Indiana director for the Great Lakes Association of Orthodontists. He and his wife, Nikki, have three children—Kerry, 12, Reid, 11, and Kristen, 8.

1986 • A cyberspace message from **Ridge Gilley** (DDS): "I'm still here at Tinker Air Force Base in Oklahoma, saving our boys and girls from the ravages of periodontal disease and teaching part-time at the Oklahoma University grad perio program. As for recent news, I was awarded diplomate status by the American Board of Periodontology after the oral examination in May. Neither Dr. (Brady) Hancock nor Dr. (David) Vandersall was one of my four examiners. I don't know if that was bad or good. At any rate it's over!

I had the pleasure of sharing some office space with one of the recent IU perio graduates in June. **Saul Grejales** (certificate '96) served two weeks of his Navy reserve time in our clinic and took the Western Regional Board while en route to his new practice in Arizona. It was nice to catch up on the latest news and changes in the school since I left...

Thanks for your faithfulness in sending out the *Alumni Bulletin*. It's particularly appreciated by those of us who are geographically separated from IUSD."



Dr. Mark Beatty

1991 • Mark Beatty (MSD/operative dentistry; MS/dental materials), Lincoln, Neb., recently was one of four faculty members at the University of Nebraska Medical

Center to receive an outstanding teaching award. He is an assistant professor of restorative dentistry in the College of Dentistry. Since his arrival at the UNMC College of Dentistry in 1991, Dr. Beatty has expanded the biomaterials program and has introduced innovative and comprehensive pre- and post-doctoral programs in dental materials. The award recognizes his ability to transform difficult scientific concepts into practical applications for his students, thus preparing them well for their next level of learning. Dr. Beatty is a 1974 graduate of Purdue University's undergraduate program and a 1981 dental graduate of the University of Iowa.

1994 • Tony Ratliff (DDS), Noblesville, has been selected by *Dental Economics* magazine to serve a one-year term on the editorial board. Each year this honorary position is bestowed upon a recent dental school graduate who will enter, or who has recently entered, private practice. Dr. Ratliff was chosen from a field of 32 candidates. He and his wife, Kathy (Smith) Ratliff (DDS'94, MSD/orthodontics '96), received an all-expense-paid trip to the ADA meeting in Orlando. "I will enter into roundtable discussions on important topics related to dentistry with the magazine's regular board members, who each serve five-year terms," Dr. Ratliff reported shortly before the meeting. "It's the recent-graduate member's job to keep the focus on the concerns of the younger members of the dental profession."

Dr. Ratliff and his partner, **Derrick Johnston** (DDS'94), Noblesville, have started one dental office on their own and purchased two others. "I really enjoy the business and practice management aspects of dentistry," says Dr. Ratliff. "I'm currently teaching an elective practice management course to fourth-year IU dental students that addresses 'life after dental school.' I feel that practice management is one of the most important subjects for a

young graduate to fully understand. However, this is an area where most young dentists feel the least prepared during their early years in dentistry. IU is currently taking the necessary steps to improve these areas in the curriculum and to provide future dentists with the information they need in the development of business and management skills, which are vital to owning and operating a successful dental practice in the 1990s."

1996 • George Mighion (DDS) has entered into dental practice with **Matthew Brennan** (DDS'89) and **Sam Miller** (DDS'59) at 210 E. Russ Ave in Mishawaka.

ON THE 'NET

Do you have an electronic address? Share it with the dental school's alumni by sending an e-mail note to me. Whenever room provides, e-mail addresses will be printed in the class notes section of the *Alumni Bulletin*. Feel free to include some news about yourself too!

Susan Crum, Managing Editor
bulletin@iustd.iupui.edu

John Crisler (DDS'77)
Rio Rancho, N.M.
crisler@Rt66.com

Ridge Gilley (DDS'86)
Tinker Air Force Base, Okla.
Gilley@medgrp1.tinker.af.mil

Kevin Jarrell (DDS'96)
Metairie, La.
kjarrell@sprynet.com

Lawrence Lang (DDS'47)
Muncie
Lang2724@aol.com

Sarah (Sally) Jean Tharp Mason (ASDH-IN'77)
Plainfield
poorsjm@iquest.net

Leonard Scott (DDS'73)
Indianapolis
docscott@juno.com

Max Shimanovich (MSD/complete denture '76)
Mexico City, Mexico
shimamaxdds@iserve.net.mx

Anoop Sondhi (DDS'82)
Carmel
anoopsdhi@juno.com

Scott Stamper (DDS'82)
Brooklyn, Wis.
ss65ci@earth.execpc.com

Pat Barker Strunk (ASDH-IN'60)
Eagle River, Alaska
mbstrunk@alaska.net

NEW ADDRESSES

1973 • Wayne Hott (DDS), 3906
Jasmine, Wichita, KA 67226

1975 • Carol Turner (DDS), 1557
Berkshire Ct, San Marcos, CA 92069

1976 • Samuel Passo (DDS), 105
Rainbow Ave, Fort Benning, GA
31905

1978 • David Carr (DDS), 286
Spalding Dr, Atlanta, GA 30328

1979 • Cynthia Molenda (DDS), 6245
S. Rangeline Rd, Carmel, IN 46032

1979 • William Prentice (DDS), 8516
Bent Tree Ct, Indianapolis, IN
46260-2348

1980 • James Foulkes (DDS), 1503
Ohio St, Terre Haute, IN 47807-4009

1981 • Debra Cline (ASDH-IN), 8508
Cressmoor Ct, Indianapolis, IN
46234

1981 • Victor Escobar (DDS), 5700
North Beach St, #601, Fort Worth,
TX 76139

1981 • Gloria Williams (DDS), 263
North Ave, Weston, MA 02193

1982 • Pamela Maynard (ASDH-IN),
8320 Roses Rd, Fishers, IN 46038

1984 • Monica King (ASDH-IN), 413
West 11th St, #D27, Alexandria,
IN 46001

1986 • Sylvio Monteiro Junior (PhD/dental sciences),
Departamento de Estomatologia,
Universidade Federal de Santa
Catarina, 88040-900 Florianópolis,
Santa Catarina, Brazil

1988 • Julie Waltermann (ASDH-IN),
1155 Falkirk Ct, Greenwood, IN
46143-3155

1989 • Laurie Goldenberg (DDS),
533 Wilshire Dr, Minnetonka, MN
55305

1989 • Bradley Trotter (DDS), 242
Bronte Trace, Virginia Beach, VA
23462

1991 • Jay Cowan (DDS), 6050 East
9th St, Indianapolis, IN 46219

1992 • Nicole (Kreft) Tucker (dental
assisting cert-SB), 7077 S. State Rd
19, Mentone, IN 46539

1994 • Albert Miller (DDS), 3077 W. Applewood Ct, Muncie, IN 47304

1995 • Erin (Cullen) Rake (ASDH-IN), 10468 Zionsville Rd, Zionsville, IN 46077

1996 • Julie Janeczek (ASDH-IN), 5252 E. 86th St #206, Indianapolis, IN 46250

1996 • Philip Rinaudo (MSD/operative dentistry), QTRS 232 MCRD, Parris Island, SC 29902

OBITUARIES

1934 • William Cain (DDS), Dayton, Ohio, died March 15, 1996.

1938 • Horace Abdon (DDS), Indianapolis, died May 19, 1996. He had retired in 1982. Dr. Abdon was an Army veteran of World War II and was a recipient of the Bronze Star. He is survived by his wife, Dorothy Abdon; daughters Nancy McCord and Carol Shaffer; a son, Richard Abdon, who is a 1966 dental graduate of Indiana University; 10 grandchildren; and six great-grandchildren.

1950 • F. Earl Farley (DDS), Albuquerque, N.M., died June 24, 1966. He was preceded in death by his wife, Julia Farley, in 1984. Dr. Farley had served as a pilot in World War II. He is survived by a daughter, Ann Farley, and a son, Dr. David Farley, both of Albuquerque.

1961 • Richard Thompson (DDS), Indianapolis, died June 23, 1996. He had directed his practice toward geriatric dentistry and had also provided care in nursing homes and at the Department of Correction. He was a Marine Corps veteran and a member of Delta Sigma Delta fraternity and the Sertoma Club. Dr. Thompson's survivors include his wife, Ann Shorter Thompson; a son, Barry Thompson; and stepsons Frederick, Ryan, Adam, and Jacob Shorter.

1965 • Robert Burns (DDS), Bloomington, died June 6, 1996.

1991 • Suzanne Haas (ASDH-IN), Greenwood, died August 18, 1996. She had practiced dental hygiene in Chicago. Ms. Haas is survived by her mother and stepfather, Janet and William Wilson; her brothers, James and Jeffrey Haas; and her grandparents, Carl and Virginia Haas and Sam West.

REMEMBERING DR. "JERRY"

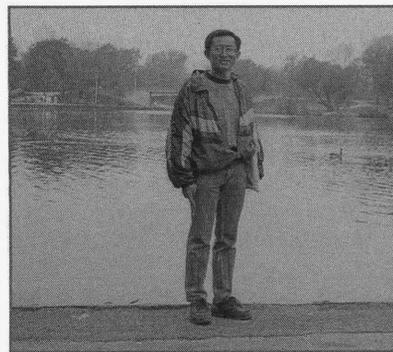
Faculty, staff, and students at the IU School of Dentistry were shocked and saddened to learn of the death of Dr. Jirasak Tangsgoolwatana (MSD'95) on July 4, 1996. After finishing IU's graduate program in operative dentistry just one year ago, he had moved to Chicago to undertake a PhD degree in dental materials at Northwestern University. He died from injuries sustained when an aquarium he was attempting to move in his apartment shattered. He was 36 years old.

Dr. Tangsgoolwatana came to study at IU as part of the agreement of friendship and cooperation between IU's dental school and the dental schools in Thailand (see page 5). He was the first student to be accepted from the dental school at Chiang Mai University, Chiang Mai, where he had been serving on the faculty as director of the fundamental fixed-prosthodontics course.

During his stay in Indianapolis this young man touched the lives of many of the people who worked and studied with him. A memorial service was held for Dr. Tangsgoolwatana at the dental school on July 19. Dr. Michael Cochran, professor of operative dentistry and director of graduate operative dentistry, wrote the following tribute to Dr. Tangsgoolwatana; it was presented by Dr. Cochran to the IUSD Faculty Council on August 15:

All of his friends and colleagues at the Indiana University School of Dentistry mourn the passing of Dr. Jirasak Tangsgoolwatana.

Dr. "Jerry," as he was known during his studies in graduate operative dentistry and dental materials, was one of the finest men that any of us have had the pleasure of working with. He was a brilliant scholar, consummate clinician, painstaking



Dr. Tangsgoolwatana

researcher, and dedicated teacher. Jerry had a tremendously organized and inquiring mind, and was always open to every opportunity to improve his knowledge and skills in his chosen profession.

His goal in life was to learn as much as he possibly could and then pass that information to upcoming generations of dental students in Thailand. He truly believed in and demonstrated excellence in all aspects of his professional life. However, of even greater importance was Jerry's humanity. He gave freely of himself to everyone he met, and I can honestly say that I have never known a more unselfish person. He was never too busy to help a friend or to make one, and he cared deeply for his patients and students. Jerry was loved and respected by everyone he knew—and there can be no greater accomplishment or legacy than that.

This tragedy has deeply affected all of us, and the loss that his friends and family feel is magnified by the loss of his kindness, wisdom, and teaching for all the students who will never know him. I am proud and grateful to have been his teacher and friend and would like to offer my deepest sympathy to his family. I still cannot believe that Jerry is no longer with us, but I know that in whatever heaven he resides it will be an even better place because of his presence.

a trail of HEROES

▶ Indiana dentists help shed Olympic light on the road to Atlanta



Jim Fouts (DDS'72), whose segment of the Olympic trail took him through the streets of Columbus, was surprised by the community's enormous interest in the event. "The torch caravan was like being involved in a presidential motorcade," he reports.



Support from the Sidelines. Mary Stone (left), Shirley Shazer, and Nikki Guerrettaz, all of the IU Department of Oral Surgery, Medicine, and Pathology, came prepared to stand out from the crowd.



While waiting for his turn with the torch Dr. Matis was bolstered by family, neighbors, and friends from the school, including James Oxford (DDS'85, MSD/operative dentistry '96). Participants were given the option of purchasing their torches after the event. "The torch's 22 aluminum reeds represent the number of times the modern Olympic Games have been held since the first in Athens in 1896," says Dr. Matis.

In 1952, Bruce A. Matis interpreted Finnish for U.S. athletes at the Olympic Games in Helsinki.

Forty-four years later, Dr. Matis helped interpret the Olympic Games' unique language of good will by joining thousands of other Americans in the bearing of the Olympic flame across the nation.

Dr. Matis, who has been an IU associate professor of operative dentistry since 1993, ran but a few blocks of a path that stretched 15,000 miles—from Los Angeles, Calif., to the site of the Centennial Olympic Games in Atlanta, Ga. But the experience left him feeling as honored as if he had been asked to bear the torch the entire distance himself.

"It was a dream come true,"
Dr. Matis says.

The Olympic flame was transported to California from Athens, Greece, in April. It arrived in Indianapolis on a sunny evening in early June, about a month and a half before opening ceremonies were held for the Games.

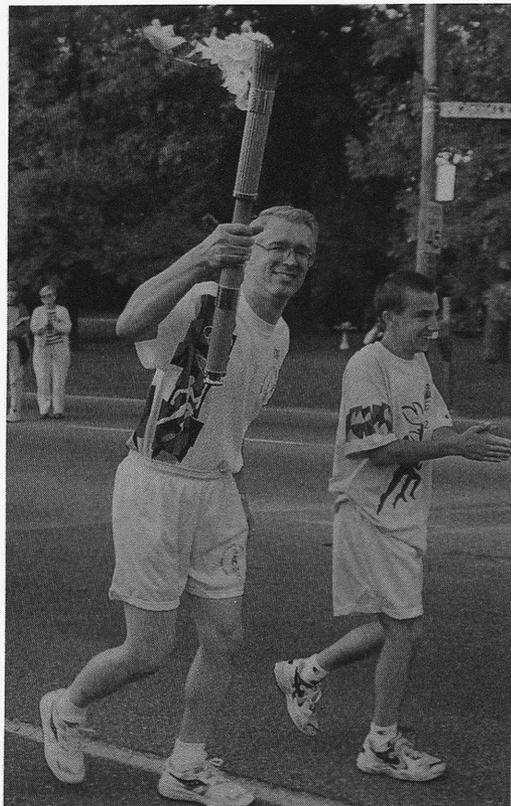
The flame passed through 42 states, from one individual's torch to the next. "That got the flame within a two-hour distance of 90 percent of the U.S. population," says Dr. Matis.

Crowds gathered all along the Indianapolis leg of the journey, with thousands turning out for a late evening celebration on Monument Circle on June 4. "They reveled in the Olympic spirit," Dr. Matis says, "and it helped each of us carry the torch a little higher. In ancient Greece the Olympic torchbearers were called 'heralds of peace' because they traveled about proclaiming a truce while calling for the games to begin. Wars ceased during the games."

Like many of the other participants, Dr. Matis was recommended to the Atlanta Committee by local corporate sponsors who took note of his strong record of community volunteerism and designated him a *Community Hero*. A retired U.S. Air Force dentist, Dr. Matis earned a dental degree from Case Western Reserve University in 1971 and a master's degree in operative dentistry from IU in 1983. He has been a Scoutmaster for 15 years and has volunteered for a number of assignments in the American Dental Association. He is currently a consultant to the ADA's Council on Scientific Affairs. He is also an ordained minister and director of the Indianapolis Institute of Religion for The Church of Jesus Christ of Latter-Day Saints.

"I met a lot of special people the evening of my run," says Dr. Matis. "The young lady who passed the flame on to me has had leukemia, and now she's running in marathons, cheering on and giving hope to others with this illness. I rode in the torch caravan's van with Notre Dame football coach Lou Holtz, who was the first to carry the torch during our segment. He had surgery last year and still wanted very much to be involved in the festivities. It was an inspiration to be with him."

This is Dr. Matis' second opportunity to step beyond the role of spectator during the Olympic Games. The first time he served as a 9-year-old translator for the 1952 Games in Helsinki, where he spent his childhood. His father, Henry



Fulfilling a Dream by Way of Michigan Road. Torchbearer Dr. Bruce Matis, accompanied by official escort Michael Byrd, says his run in Indianapolis lasted only three minutes but produced a lifetime of memories.

Matis, who now resides in Salt Lake City, Utah, was the attaché for the United States Olympic Team in '52. Fluent in English and Finnish, Bruce and his brother, James, then 11, translated for the U.S. Olympic Team. Today, Dr. James Matis is a professor at Texas A&M University, College Station. He too was chosen to bear the torch in '96, completing his run in Texas.

Dr. Bruce Matis capped his memorable summer of '96 by attending the Olympic Games with his son, Jeremy, and son-in-law, Darren Jones, of Logan, Utah.

Dental student Lawrence Park (left) carried the torch into the Indianapolis Motor Speedway, passing the flame to the next torchbearer in front of the Hall of Fame Museum.



More Indiana Community Heroes

In addition to Dr. Matis, at least three other Hoosier dentists were selected to bear the torch because of their outstanding records of community service:

James Fouts (DDS'72), Seymour

"It was indeed an honor to carry the torch," says Dr. Fouts. "The relay was a bigger 'deal' than I anticipated. The torch caravan had a staff of 200 and was a model of efficient organization. The crowds were tremendous, and the enthusiasm was infectious. I was astounded by the media coverage, the respect people showed for the flame, and the pride of the people for America."

Dr. Fouts earned his place among the community heroes in part because of his involvement in long-distance wheelchair racing. "I participate in 20-25 races per year, from the Boston Marathon to local 10K races," he says. Dr. Fouts has also been a leader in Habitat for Humanity and has established a food

delivery service for persons in need.

Andrew Alexander (DDS'93), Indianapolis

According to the *Indianapolis Star*, Dr. Alexander was named a community hero because he has donated many hours of dental service to residents of an Indianapolis shelter; he has been a volunteer educator at schools, camps, and churches; and he has raised thousands of dollars for the Leukemia Society.

Ted Fullhart (DDS'63), Muncie

The *Indianapolis Star* credited Dr. Fullhart's hero status to his service in providing dental care to needy children, his donations of sports equipment to street kids in Chicago, and his missionary work with the Mayan Indians in Yucatan. Dr. Fullhart reports that his two daughters also ran with the Olympic torch.

The *Community Hero* program was one of several that led to positions on the road to Atlanta. Third-year IU dental student **Lawrence Park** ran with the torch in Speedway as part of the *Catch the Spirit* program, which included 3,500 torchbearers sponsored by the Coca-Cola

Company. He was chosen because of his goal to perform his best in all of the amateur athletic activities he enjoys, including basketball and roller hockey. Mr. Park was nominated by his father, Donald Park, of Uniondale.

"It was one of the greatest moments of my life," says Mr. Park, "because the flame to me represents the spirit of world peace and the coming together of the peoples of the world, all striving to do their best."



TEACHER, MENTOR, FRIEND

Mourning the Loss of Gordon R. Arbuckle



Gordon Arbuckle

The IU School of Dentistry lost one of its best and most popular teachers with the death of Gordon R. Arbuckle (DDS '67, MSD/orthodontics '73), associate professor of orthodontics, on August 20, 1996. He was 61.

The following tribute has been written by a longtime friend, colleague and former teacher of Dr. Arbuckle's:

When the time came for us to select the entering orthodontic class of 1969, there were two highly qualified, equally ranked students with superior academic records. Of the two we selected Gordon Arbuckle, an IU dental graduate with a degree in civil engineering from the University of Kansas, because he had an engineering background with some private sector employment experience. As a student he picked up very quickly on our biomechanical approach to orthodontic therapy. He was appointed to the part-time faculty in 1970.

Although Gordon was an extremely competent clinical orthodontist, his first love was of teaching graduate orthodontic students. For many years he was able to devote only one day per

week to his teaching. Even so, his contribution during those years was invaluable—and far exceeded what would be expected of a part-time 'demonstrator.' His gentle chiding and use of blackboard recitations proved to be very effective in helping to give his students a thorough understanding of mechanical principles.

After a long tenure as a part-time teacher Gordon was appointed to the full-time faculty in 1989 as clinical director of graduate orthodontics. In addition to his new four-day schedule at the school, he worked two afternoons, two evenings, and all day most Saturdays in his private practice. In his 'spare' time he disassembled and then restored an old Porsche. He also found time to go formula racing with his son, Christopher, a racing enthusiast.

Gordon was an active member of several professional organizations and had served as president of both the Indiana Association of Orthodontists and the Midwest Component of the Edward H. Angle Society. He was a fellow of the American College of Dentists and the International College of Dentists, and a member of Omicron Kappa Upsilon honor dental society. He had been designated general chair for the 1997 meeting in Phoenix, Ariz., of the Great Lakes Association of Orthodontists.

Gordon served as mentor for many IU graduate students by guiding them in their various research projects, and he contributed several articles to the orthodontic literature. At the time of his death he was still engaged in clinical research with Dr. Eugene Roberts, chair of the Department of Oral Facial Development; together they were evaluating the use of dental implants as anchorage for orthodontic tooth movement.

No discussion of Gordon is complete without commenting on his remarkable sense of humor—often shaded with a dry touch and gentle 'insults.' He was famous for making outlandish statements with a serious face, only to recant them a few seconds later.

At the end of school in June each year, Gordon sponsored the 'Arbuckle Open,' a golf outing for all members of the graduate orthodontic program, and followed it up with a cookout at the Brendonwood Common House—all provided through his personal generosity.

It is always difficult to put into words the way we feel when we lose a remarkable person like Gordon Arbuckle. Perhaps one of Gordon's students, Dr. Penny Lampros (MSD '95), said it the best in a recent letter from her home in Roanoke, Va.:

'Although someone will eventually replace his orthodontic skills in the clinic, nobody can replace Dr. Arbuckle's compassion, kindness, generosity, and love of his students.'

Dr. Gordon Arbuckle is survived by his wife, Roxie; children Pamela Dugan, Alisa Huguenard, and Christopher Arbuckle; his mother, Jane Arbuckle; his sister, Estellene Arbuckle; and four grandchildren.

—by James J. Baldwin (DDS '54)
Associate Professor of Orthodontics

Memorial Contributions

Alumni who wish to contribute to the Gordon Arbuckle fund may do so by sending their checks, made payable to the Indiana University Foundation, to the Indiana University School of Dentistry, Office of Development, 1121 West Michigan Street, Indianapolis, IN 46202-5186. Please note on the check that the contribution is for the Gordon Arbuckle fund.

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