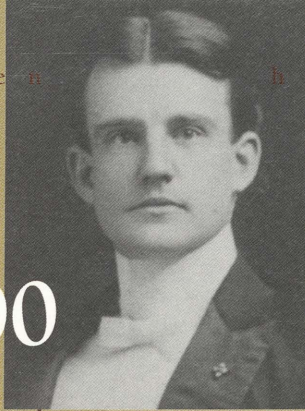


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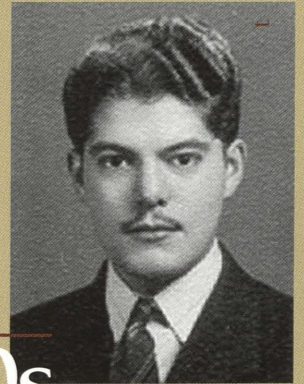
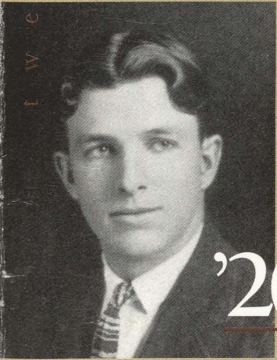
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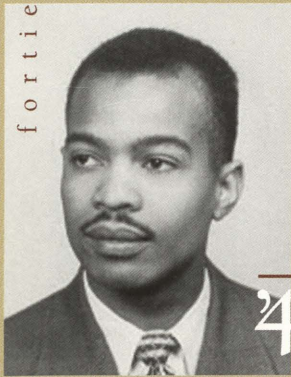
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'30s

f o r t i e s



'40s

Indiana University School of Dentistry

Alumni Bulletin

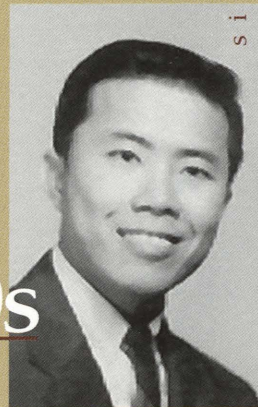
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'50s



f i f t i e s

'60s



Special Edition Annual Report

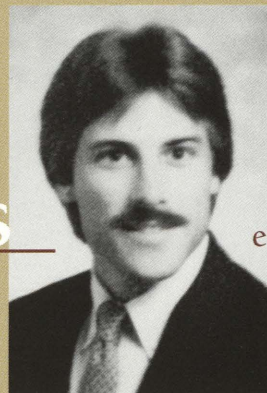
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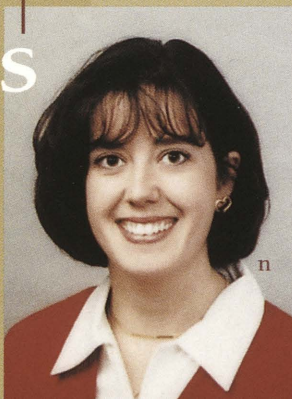
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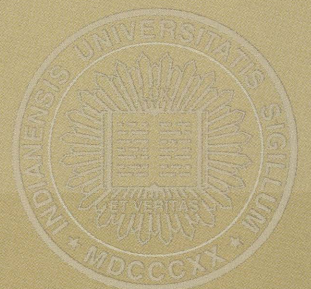
e i g h t i e s



'90s



n i n e t e e n



INDIANA UNIVERSITY SCHOOL OF DENTISTRY
Alumni Bulletin
Volume 14, Number 1, 2000



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Annual Report designed by
HeldDiedrich Advertising
Communications

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80

ON THE COVER

Gracing the cover of this issue are photos of 10 Indiana University School of Dentistry graduates, one from each decade of the past century. In the center is **Nancy (Binford) Modlin** (ASDH'58), West Lafayette, who is also pictured on p. 55. Clockwise from top: **C.M. Corns** (DDS 1900), Dayton, Ohio (no other details available); **Edith Davis** (DDS'12), Indianapolis, who died in 1984; **Harold Mintz** (DDS'39), Munster, whose recent death is reported on p. 43; **Walter Ching** (DDS'63), Honolulu, Hawaii, who died in 1996 (a new scholarship honoring him is mentioned on p. 33); **Geffry French** (DDS'86), Lebanon; new graduate **Jennifer Green-Springer** (DDS'99), who practices in Rossville with her mother, **Alice Sue Green** (DDS'70); **Diana (Lambert) Yates** (Dental Assisting Cert. 1974), Indianapolis, who also appears on p. 6; **Lehman Adams** (DDS'49), Indianapolis, who is also mentioned on p. 49; and Gary dentist **Paul Asher** (DDS'27), later on of Greenwood, who died in 1994. (Photos courtesy of the IUSD Library Archives)

Although it's true the new millennium doesn't actually commence until January 1, 2001, we can't think of anyone, as of this writing on December 7, 1999, who's in the mood to observe this technicality.

The year 2000—merely the shape of the numerals—is somehow boldly different from 1999. All those plump, round zeros seem to shout Ready, Set, Go! They also speak of clean slates and opportunities both reborn and held out to us anew. We are reminded of an athlete crouched behind a starting line, a climber poised at the foot of a mountain, or any of us standing on the brink of a new challenge or a fresh start. The year 2000 makes us impatient to embrace the next millennium now.

We begin doing so by offering our best wishes to the School of Dentistry's alumni and those they cherish. May your new year, new century, and new millennium bring you good health, prosperity, and ample time in the company of the family and friends you care about most.

And, as is typical of the dental school's *Alumni Bulletin*, we wish to sharpen our view of the new millennium by maintaining a crisp focus on our past.

Included throughout the pages of this Annual Report edition of the *Bulletin*, beginning on this page, is a timeline of dental school-associated facts and activities from the past 100 years, beginning with 1900, when the school was just 21 years old and still functioning as the Indiana Dental College. We've chosen moments large, small, and just plain colorful in hope of building for you an admittedly slim framework of your alma mater's extraordinary history.

We are quick to emphasize that many of these details have been arbitrarily chosen, depending on what was available to us for specific years in past publications, and we assure you they merely break the surface of IUSD's fertile field of history. The managing editor alone can think of a couple hundred faculty, staff, students, and alumni not mentioned in the timeline who have provided invaluable service to IU's dental school, and who have helped significantly to make it what it is today.

We combed academic bulletins and 162 past issues of the *Alumni Bulletin* for facts to add to the timeline. We also are indebted to faculty members Arden Christen and the late Jack Carr for many details gleaned from three of their publications—Dr. Christen's oral histories on past dental deans Ralph McDonald and Maynard Hine, and Dr. Carr's historical review of the Indiana Dental College.

Susan Crum, Managing Editor

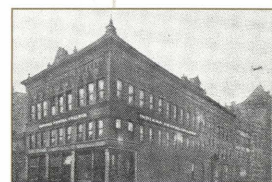


INDIANA UNIVERSITY SCHOOL OF DENTISTRY

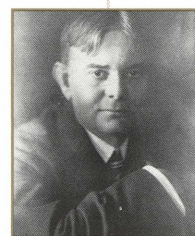
TIMELINE

1900

The Indiana Dental College (IDC), a proprietary school formed in 1879, is well regarded in dental education circles at this point—a stand out for its courses in operative and prosthetic dentistry techniques.



The IDC board of trustees is composed of President John Hurty, MD; Secretary and Dean George E. Hunt (DDS 1890), son of Phineas G.C. Hunt, the College's 1st dean; and Treasurer Harry Hicks (DDS 1888). All are also on the faculty.



George Hunt

Dr. Hurty begins to study the effect of fluorine on the hardness of enamel, and is credited for having been the 1st to note the importance of this relationship.

My Dear Friends and Colleagues,

This issue of the IUSD Alumni Bulletin marks not only the first of the year 2000 but the first of the new millennium as well.

While some dismiss this as simply just another year, it is unquestionably a very special opportunity to both reflect on the past and look forward to the future. Indeed, the "just another year" argument is weakened by the realization that progress in meeting our mission of improving the oral health of our citizens does not occur at a linear rate. It has in fact in recent years advanced at what seems more like a logarithmic rate. Formal dental education in Indiana is merely 120 years old. Modern dental materials and the high-speed handpiece are much more recent advances. However, even more importantly in many ways, our ability to acquire, store, retrieve, transmit, and use information has been revolutionized over the past 30 years; in fact, high-speed access to information today is perhaps the most competitive factor in the economy of our world. And so it is with our profession.

This incredible access to information provides a unique opportunity in dental education today for anyone with the insight and courage to seize it: the opportunity to change the profession by changing the professional.

At Indiana University School of Dentistry, we have already seized this opportunity and are rapidly establishing a unique niche in the leadership of dental education globally.

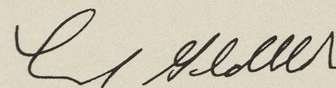
As I have traveled recently throughout the state, the country, and the world, I have shared with many friends and colleagues the story of the transformation of IUSD over the past six years. In particular I have shared the meaning of the phrase *Indiana University School of Dentistry 2000: Reinventing Dental Education for the 21st Century*. By developing our new DDS curriculum, which incorporates small-group problem-based learning and a systems approach to the biomedical sciences; by drawing on the principals of critical thinking, life-long learning, and evidence-based decision-making throughout all four years of dental school; by designing new programs to prepare the recent graduate for the many challenges of the new environment of dental practice; and by expanding the scope of service and service-learning, now in the planning stage, we are indeed creating a new kind of oral health professional—one whom we know you, our alumni, will be proud to receive as an associate, a partner, and a colleague.

We have many strengths to give us the confidence that this new professional will succeed not only in providing the finest oral health our citizenry has ever experienced, but also in continuing to improve our profession at a rate far faster than we or our predecessors could have ever hoped to achieve. Among these strengths are the intelligence, talents, and energy of this new generation; the support of our university, especially of our alumni; and the many new tools now at our disposal, such as information technology.

At Indiana University School of Dentistry we have already proven that we have both the capability and the will to provide this unique leadership for the next century. The key, of course, is never to take it for granted. Once we let up, we will slide backward. We have much for which to be grateful and a daunting legacy to emulate. But I am convinced by everything I have seen that—with the critically important help of our alumni and friends—we are more than up to the task.

The new year and the new millennium will be bright indeed for dentistry and dental education. The leadership will emanate from Indiana, for *We ARE Indiana, Always Striving for Simply the Best*.

Thank you again for the privilege of being your dean. I'll write again soon. You do too.



Lawrence I. Goldblatt, DDS, MSD
Dean

December 5, 1999

This incredible access to information provides a unique opportunity in dental education today for anyone with the insight and courage to seize it: the opportunity to change the profession by changing the professional.

NEW ADMINISTRATORS

Dean Lawrence Goldblatt has announced the administrative appointments of two School of Dentistry

department chairs, one associate dean, and three directors.

New faculty member **Domenick T. Zero**, DDS, formerly of the Eastman Department of Dentistry at the University of Rochester, Rochester, N.Y., has been

appointed to two of these positions. He accepted the directorship of the Oral Health Research Institute on July 1, 1999, and the chair of the reestablished Department of Preventive and Community Dentistry in the fall.

"Dr. Zero comes to us as an established scientist with a national and international reputation for excellence in cariology and fluoride research," Dean Goldblatt said. "We welcome him as a valued colleague and new member of our IUSD family and look forward to his leadership."

Prior to Dr. Zero's arrival, preventive and community dentistry had been functioning since 1993 as a division of the Department of Oral Biology, which was created when the dental school's 13 departments were reconfigured into six, and eventually five, groups. By vote of the Trustees of Indiana University in September, preventive and community dentistry's departmental status was reinstated, making it the sixth in a group that also includes the departments of Oral Biology; Oral Facial Development; Oral Surgery, Medicine, and Pathology; Periodontics and Allied Dental Programs; and Restorative Dentistry.

Dr. Zero joins IU as a professor of preventive and community dentistry after a distinguished teaching and research career at the University of Rochester that began in 1976. He was a professor of dentistry in the Eastman Department of Dentistry (formerly the Eastman Dental Center). Dr. Zero left Rochester to accept a teaching position at the Medical College of Virginia,

Virginia Commonwealth University, Richmond, in 1981, but returned to Eastman in 1985.

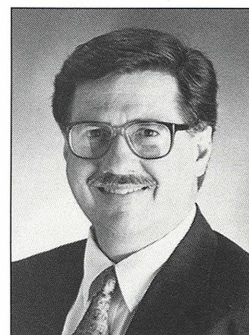
After receiving his dental degree from Georgetown University, Washington, D.C., in 1975, Dr. Zero completed a general dentistry residency at the Eastman Dental Center and then a three-year research fellowship leading to a master's degree from the University of Rochester in 1979.

At Eastman Dr. Zero had been associate director for research and program director of oral sciences. As a primary investigator, he has received research grants from the National Institutes of Health and private industry totaling more than \$3.7 million. His current research interests include the role of bacterial virulence factors in dental caries; clinical efficacy of topical fluorides; the effects of laser treatments on teeth; the use of remineralizing agents; new caries diagnostic systems; and erosive potential of food and beverages.

Dr. Zero has lectured extensively as an invited speaker throughout the country and abroad. In 1996 he assumed the presidency of the Cariology Research Group of the International Association for Dental Research.

His research articles appear in such publications as *Caries Research* and the *Journal of Dental Research*. He is a referee for five American and European journals.

"I feel strongly that the new department can build on Indiana University School of Dentistry's strong tradition as a leader in preventive dentistry," Dr. Zero said recently. "The integration of the research strengths of the faculty and staff of the Oral Health Research Institute with dental school faculty dedicated to community and public health dentistry will provide a unique opportunity to bring the latest advances in prevention to Indiana's citizens. I also see the new department strongly supporting the educational mission of the dental school by assisting in the education of dentists who are focused on the prevention and cure of dental disease and who practice evidence-based dentistry."



Dr. Hartsfield

IU clinical geneticist and orthodontist **James K. Hartsfield Jr.**, DMD, PhD, accepted the position of chair of the School of Dentistry's Department of Oral Facial Development on July 1, 1999.

Dr. Hartsfield joined IU's full-time faculty in 1993 and had been serving as the department's acting chair since 1998. Oral Facial Development encompasses the dental specialties of orthodontics and pediatric dentistry as well as the discipline of oral facial genetics and craniofacial anomalies.

"Jim is highly respected internationally as an independent investigator, clinician, and educator," Dean Goldblatt stated. "He has done a superb job in carrying forward the complex mission of this multifaceted department, and he enjoys universal respect and admiration for his leadership."

As a dental school professor of oral facial genetics and orthodontics and a medical school professor of medical and molecular genetics, Dr. Hartsfield is interested in the genetic basis of oral diseases and craniofacial anomalies.

With a five-year grant from the National Institutes of Health, he currently is studying ways in which different forms of certain genes may influence the development of birth defects or cancer in persons exposed to environmental substances.

1900 continued
Delta Sigma Delta and Psi Omega fraternities establish chapters at the College.

1901
Dental school admission requirements for the 1900-1901 school year: 2 years of high school or an entrance exam on that level of accomplishment.

1902
Following recommendations of the National Association of Dental Faculties, the administration decides that the entering class of 1902 will be the last to graduate in a 3-year program. Subsequent classes must attend 4 years. (This is an unpopular move with some dental colleges in the U.S., including Harvard Dental College, which withdraws in protest from the Association. In response, the Association reverts back to supporting a 3-year curriculum—and so does the IDC.)

1903
Junior dental student Everett Friedline dies of pneumonia after an illness of less than a week. His classmates memorialize him at graduation: "There was no manlier man."

1904

Entry in the dental college's 1st yearbook: "Thus it was, that on the first day of October, 1901, seventy-eight youthful dental aspirants, hailing from almost as many localities, came to the city of Indianapolis, matriculated at the Indiana Dental College, paid 'Miss Edna' one hundred and five dollars of our father's hard-earned cash, and accordingly became the original members of the class of 1904."

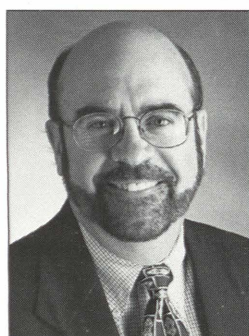
Meanwhile, things are less cheery in the administrative offices. Drs. Hunt and Hicks have a falling out over the school's finances, which leads to Dr. Hicks' filing a suit against Dr. Hunt in the U.S. Circuit Court. Ultimately the problem is resolved in an out-of-court settlement, with Dr. Hicks receiving the title to the building and Dr. Hunt acquiring the school's stock and all of the school's equipment.

Dr. Hartsfield holds a dental degree from the Medical University of South Carolina; master's degrees in medical genetics and oral biology from IU and Harvard University, respectively; and a PhD degree in medical sciences from the University of South Florida, where he served as an assistant professor in the medical genetics division of the pediatrics department in the College of Medicine. He completed his clinical genetics training at IU and the University of South Florida, and his orthodontic training at Harvard. Dr. Hartsfield was awarded two NIH fellowships during his education—one in medical genetics at IU, where he worked under the direction of Dr. David Bixler; and one in craniofacial anomalies at Harvard, where he was mentored by Drs. Coenraad F. A. Moorrees and Lewis B. Holmes.

In March 1999, **James L. McDonald Jr.**, PhD, professor of preventive and community dentistry, accepted the newly established position of associate dean for dental education in the new Office of Dental Education.

Dr. McDonald is working in concert with the curriculum committee and the school's other associate deans to support the faculty and students in the development, integration, delivery, and assessment of the

dental education curriculum. He is also responsible for establishing an ongoing program of educational research designed to enhance the process and improve the outcomes of dental education.

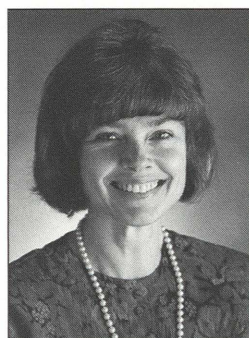


Dr. McDonald

A member of the IU faculty since 1968, Dr. McDonald had been serving as the school's first director of curriculum support since May 1998.

"He has been a leader in both the traditional and new curricula and is one of our most popular and effective problem-based learning (PBL) tutors," Dean Goldblatt said.

Dr. McDonald earned his PhD degree at IU in 1968. His areas of teaching over the years have included nutrition, oral biology, biochemistry, and preventive dentistry. He has contributed extensively to the new curriculum in the roles of course director, module director, and PBL tutor.



Dr. Guba

Christianne J. Guba, DDS, associate professor of operative dentistry, was named first director of clinical assessment and quality assurance, effective September 1999.

As director, Dr. Guba oversees the activities of the Quality Assurance and Risk Management committees, assisting them as they strive to assess the delivery of patient care; identify factors that may adversely affect the quality of care; make recommendations to further advance the quality of care; assess proposals as well as implemented changes; re-credential clinical faculty every two years; and coordinate faculty and staff in-service training for clinical safety management.

Dr. Guba is also responsible for coordinating clinical assessment activities of all the disciplines represented in the predoctoral clinical sciences, including administrative coordination of all the clinical competency examinations; analysis of data from these examinations using the "IUSD Standards of Care" as a guide; distribution of these analyses to faculty for evaluation and corrective action as necessary; and coordination with the appropriate discipline/faculty of any necessary clinical remediation for students.

An IU-educated dentist (DDS'80) and a full-time faculty member since

1987, Dr. Guba has served in a variety of leadership positions here, including director of the Advanced Education in General Dentistry program, director of a clinic in the Comprehensive Care system, and most recently as director of assessment for the Department of Restorative Dentistry. Before joining the IU faculty she was dental director of People's Community Health Center in Indianapolis.

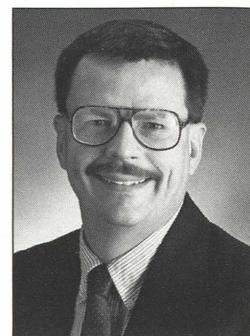
"Dr. Guba is superbly qualified for this important new position," Dean Goldblatt said.

Richard L. Gregory, PhD, associate professor of oral biology (School of Dentistry) and of pathology and laboratory medicine (School of Medicine), was appointed director of the IU dental school's PhD program in the spring of 1999.

A member of the IU faculty since 1991, he oversees IU's short-term research training grant program for predoctoral students, which is funded by the National Institute of Dental and Craniofacial Research. He serves on both IU's and IUSD's graduate faculties and has provided guidance in research to students in the DDS, MSD, and PhD programs.

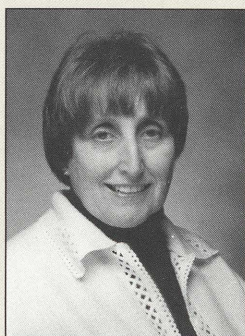
"Dr. Gregory has a wealth of experience in graduate education and in mentoring graduate and undergraduate students here at the school," Dean Goldblatt stated. The number of students in the PhD program has steadily increased in recent years, and there are now more than a dozen students enrolled.

Dr. Gregory, who earned his PhD degree from Southern Illinois University in 1982 and is a former professor at the University of Alabama at Birmingham, is working with the Research and Graduate Education division to further develop the program. Students may now choose an oral biology track in their pursuit of a PhD. Dr. Gregory also plans to enhance recruitment efforts, maintain and increase sources of student funding, and attract additional qualified research mentors.



Dr. Gregory

NEW FULL-TIME FACULTY



Dr. De Ball

Suzanne De Ball, DDS, associate professor of pediatric dentistry, Department of Oral Facial Development.

Appointed in June 1999, Dr. De Ball

comes to IU from her most recent position as associate professor of pediatric dentistry and director of the pediatric dentistry clinic at the University of Mississippi Medical Center, Jackson, where she had been teaching since 1991.

A 1979 dental graduate of the University of California at Los Angeles, Dr. De Ball completed her pediatric dentistry residency at UCLA in 1982. During her residency she also completed a one-year certificate program in mental retardation and developmental disabilities at UCLA's Neuropsychiatric Institute. She currently is finishing a PhD degree in educational leadership/higher education as an off-site student of the University of Mississippi at Oxford.

Dr. De Ball taught pediatric dentistry at UCLA from 1989 to 1991. Before that, she directed community pediatric dental clinics, first in Lynwood, Calif., and then in Los Angeles. She also has been continuously active in private practice for 19 years, practicing at various times in Long Beach, Calif., Los Angeles, and in the University of Mississippi's Faculty Practice program.

Dr. De Ball has served as a dental consultant to several community programs and agencies and has been a reviewer/consultant for the National Head Start Bureau and Administration on Children, Youth and Families since 1996. She has written on a variety of child-related issues for the *Mississippi Dental Association Journal*, *Journal of Clinical Pediatric Dentistry*, and other publications.

At IU she serves as director of the pediatric dentistry predoctoral program and as clinic director for predoctoral pediatric dentistry.

Henry E. Lancaster Jr., DMD, assistant professor of hospital dentistry and director of the Regenstrief Dental Clinic, Department of Oral Surgery, Medicine, and Pathology.

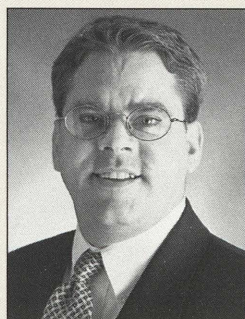
Dr. Lancaster had been serving as a visiting clinical assistant professor of oral medicine at the IU dental school since July 1998. His new appointment was effective in August 1999.

Dr. Lancaster holds a BS degree from the University of Illinois, Urbana (1986); a DMD degree from Washington University, St. Louis, Mo. (1991); and a general practice residency certificate from Barnes-Jewish Hospital, St. Louis (1992). He also completed a three-year fellowship in oral medicine at the National Institutes of Health, Bethesda, Md.

Upon graduation from dental school, Dr. Lancaster was initiated into Omicron Kappa Upsilon national honor dental society. He also received awards for his work in prosthodontics, anatomy, and restorative dentistry and for earning the highest national board score in his class.

He brings to his clinic directorship at IU three years' experience as a private practitioner in general dentistry, which he acquired in an associateship in St. Louis.

Dr. Lancaster serves on the school's curriculum and admissions committees as well as the IUPUI committee for new faculty. He directs the pulmonary module of the course, Systems Approach to Biomedical Sciences, which is taught to dental students enrolled in the new curriculum. He also directs a clinical rotation on emergency dentistry for fourth-year dental students.



Dr. Lancaster

PROMOTIONS/ TENURE

Full-time Faculty

Carl J. Andres promoted to professor of prosthodontics (tenure was awarded previously)

Joseph P. Bidwell promoted to associate professor of anatomy (School of Medicine) and associate professor of periodontics (School of Dentistry); and tenured

Ann J. Dunipace promoted to senior scientist, Oral Health Research Institute

James K. Hartsfield Jr. promoted to professor of oral facial genetics and orthodontics (School of Dentistry) and professor of medical and molecular genetics (School of Medicine); and tenured

Ronald R. Hathaway promoted to associate professor of orthodontics; and tenured

Bruce A. Matis associate professor of operative dentistry, tenured

Gail F. Williamson promoted to professor of dental diagnostic sciences (tenure was awarded previously)

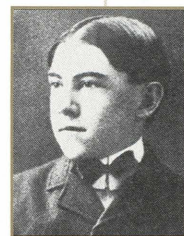
1905

The Hunt family assumes control of the College. The new profit organization lists 1,000 shares of stock, 998 of them belonging to Dr. Hunt.

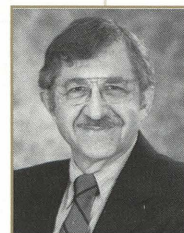
The IDC's competitor, the Central College of Dentistry, which was established in Indianapolis in 1897, closes its doors.

1906

Howard Raper graduates from the College. (He stays on as a teacher, establishing the country's 1st dental radiography course at a dental school—ours—and publishing the earliest text in that field. Another of his books, *Man Against Pain*, is a definitive history of anesthesia. He moves to New Mexico for health reasons in 1917. In collaboration with the Eastman Kodak Company, he develops the interproximal bitewing examination. A professorship is eventually established at IU in his honor. IU faculty member Myron Kasle [DDS'62] is bestowed with the title, Howard Riley Raper Professor of Radiology.)



Raper



Kasle

1907

Tuition for the 1906-1907 school year is increased to \$150 per year.

Future Dean Maynard Hine is born in Waterloo, Ind., on August 25.

**1908**

1st female teacher, Alice Harvie Duden, is hired. She lectures on the subject of oral prophylaxis.

1909

After observing a demonstration of an x-ray machine in Chicago, Dr. Raper enthusiastically offers to buy one for the College out of his own pocket if the College budget can't afford it. Dean Hunt wisely sees the value of the machine and purchases one with College funds, laying the groundwork for a Department of Roentgenology.

**STAFF ANNIVERSARIES IN 1999**

Tom Meador

Nine dental school employees were among IUPUI staff members recognized at an awards reception for reaching milestones of continuous, full-time service to Indiana University in 1999. They are, back row from left: Karla Newman, Zoya Roberts, Deborah Komlanc, Sue Kelly, and Susan Crum. Front: Diana Yates, Karen Liford, Christina Freeman, and Carol Ann Bauer. The event was sponsored by the IUPUI Human Resources Administration.

35 YEARS

Carol Ann Bauer
Administrative Assistant
Student Affairs

25 YEARS

Susan M. Crum
Director of Publications

Christina Freeman
Infection Control Coordinator
Central Sterilization and Services

Diana Yates
Periodontic Clinic
Coordinator
Periodontics and Allied
Dental Programs

20 YEARS

Deborah K. Komlanc
Administrative Assistant
Oral Biology

Karen S. Liford
Coordinator
Comprehensive Care Clinic

Zoya C. Roberts
Dental Assistant
Oral and Maxillofacial Surgery Clinic
University Hospital

15 YEARS

Sue A. Kelly
Assistant Director of Clinical Research
Oral Health Research Institute

Karla J. Newman
Administrative Assistant
Oral Facial Development

10 YEARS

Mary Ann Button
Coordinator
Comprehensive Care Clinic

Darla J. Gaines
Senior Laboratory Assistant
Central Sterilization and Services

Deborah A. Stewart
Team Leader
Central Sterilization and Services

Deborah S. Sutton
Prosthodontic Clinic Coordinator
Restorative Dentistry

5 YEARS

Deborah A. Bommarito
Secretary/Receptionist
Cottage Corner dental clinic
Oral Surgery, Medicine,
and Pathology

Hollie J. Flinta
Dental Assistant
Oral Surgery, Medicine,
and Pathology

Gretchen M. Johnson
Research Data Manager
Oral Health Research Institute

Cheryl L. Kantmann
Research Technician
Bioresearch Facility

Kyra L. Kenney
Orthodontic Laboratory Technician
Oral Facial Development

Michelle A. Moore
Research Technician
Periodontics and Allied
Dental Programs

Maria Elvia Reyes-Martinez
Pediatric Dentistry Dental Assistant
Oral Facial Development

Marilyn J. Richards
Administrative Secretary
Oral Health Research Institute

Deborah K. Smith
Orthodontic Clinic Services Supervisor
Oral Facial Development

Angela D. Walker
Dental Assistant
Comprehensive Care Clinic

CURRICULUM REFORM: A WORK IN PROGRESS

The faculty, staff, and administration continue to work diligently toward completion of the IU School of Dentistry's newly designed four-year curriculum. As of this writing, in December 1999, three of the four predoctoral classes are now fully engaged in the new program, which emphasizes a systems approach in dental education. (Curriculum reform was introduced to the alumni in a 24-page article appearing in the *Alumni Bulletin* in the winter of 1998.)

The pace remains hectic, the energy level high, and the challenges daunting as the faculty prepare to set in motion the fourth and final year of the program, now just one semester away.

In the two previous annual reports, we included the framework of the curriculum for the first- and second-year dental classes. As the dental school awaits approval from university officials on its new course listing for the fourth year, we are pleased to share with the alumni an outline of the newest course listing available, that belonging to the third-year class.

As with the first two years of study, the third year has been divided into a few very large umbrella courses that are overseen by course directors. They coordinate their goals with several module directors who are responsible for administering smaller portions of specific courses.

Below is a list of the courses in which the pioneering students in curriculum reform—the Class of 2001—are currently enrolled.

THIRD-YEAR CURRICULUM

1999-2000 Academic Year

Dental Sciences III, Part I

Continuation of the Dental Sciences course series that began in the second year of studies. Clinically oriented lecture, seminar, and group learning modules; application and integration of dental practice principles from previous courses into basic periodontal surgery, pediatric public health, and restorative dentistry topics.

Course Director:

David Brown

Module Directors:

Fidel Barbosa

(Applied Prosthodontic Principles)

David Brown

(Prosthodontic Seminar)

Bruce Matis

(Advanced Restorative Dentistry)

David Vandersall

(Basic Periodontal Surgery)

Dennis Zimmerman

(Pediatric Dentistry)

Mark Mallatt

(Public Health Dentistry)

Steven Haug

(Group Learning Activities)

Dental Sciences III, Part II

Clinically oriented lecture, seminar, and group learning modules; application and integration of dental practice principles from previous courses into advanced dental specialty and discipline topics.

Course Director:

David Brown

Module Directors:

Bruce Matis

(Advanced Restorative Dentistry)

Mark Saxen

(Pharmacology and Therapeutics)

Donald Newell

(Advanced Periodontal Surgery)

George Willis, Steven Dixon

(The New Dentist: Practice Administration)

Steven Haug

(Group Learning Activities)

David Brown

(Advanced Occlusion Studies)

Fidel Barbosa, Eugene Margiotti

(Implants)

Clinical Sciences III, Part I

Clinical treatment of patients in a comprehensive care setting applying the knowledge and skills developed in Dental Sciences I and II.

Course Director:

George Willis

Module Directors:

George Willis

(Patient Management and Student Rounds)

Timothy Carlson

(Operative Dentistry Clinic)

Vanchit John

(Periodontic Clinic)

Clinical Sciences III, Part II

Students are provided clinical instruction in the practice of comprehensive dental care. Clinical application and integration of the principles of basic and dental sciences through clinical patient management are emphasized.

Course Directors:

David Brown, Vanchit

John, Jack Schaaf

Module Directors:

George Willis

(Patient Management)

Rose Marie Jones

(Fixed Prosthodontics)

Timothy Carlson

(Operative Dentistry)

David Brown

(Removable Partial Prosthodontics)

Steven Haug

(Complete Denture Prosthodontics)

Vanchit John

(Periodontics)

Joseph Legan

(Endodontics)

Jack Schaaf

(Diagnosis/Treatment Planning)

Edwin Parks

(Radiology)

John Chaves

(Behavioral Medicine)

John Campbell

(Oral Surgery)

Heidi Crow

(Hospital Dentistry)

William Hohlt

(Orthodontics)

Comprehensive Care Clinic 3rd Year

Management of the dental patient's clinical comprehensive treatment from diagnosis and treatment planning through maintenance. Student participation in rounds and a variety of clinical experiences.

1910

The College establishes a football team. (Interest is short-lived.)

1911

New legislation requires applicants for dental licensure to have a diploma from an accredited dental college.

1912

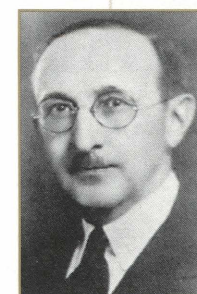
Notice to students in the College's academic bulletin: "We always need disassociated teeth. Send in all of the teeth you can, by express, collect. Students are requested to bring as many extracted teeth with them as they can."

1913

Same plea for teeth as in the 1912 bulletin, only now appearing more urgently in very bold-faced type.

1914

Frederic Henshaw (DDS 1895) is appointed dean after death of Dr. Hunt, who had served since 1899. Dean Hunt's widow, Maria, retains ownership of the school.



1914 *continued*

The College moves to a building at North and Meridian streets. For the 1st time one room of the school is devoted entirely to a library. The facility had been constructed by an automobile tire company.

**1915**

The College forms a basketball team, the Dents. (Proving to be a more exciting diversion than football, the team lasts for at least a decade.)

**1916**

Gertrude Katzenberger is hired as the College's cashier.



Yearly dues for the P.G.C. and G.E. Hunt Society: 35¢.

GRADUATING CLASSES

Certificates in Dental Assisting

Fort Wayne

Joey Adam
Gina Becraft
Erin Boggs
Jordon Capps
Amy Crabill
Mindy Diemer
Teresa Haag
Danielle Hoch
Emily Luttman
Lori Manor
Denise Marr
Nicole Miller
Mandy Renner
Michelle Spieth

Indianapolis

Sonya J. Abrams
Julie S. Cullen
Jennifer L. Dillow
Cindy M. Dodd
Mandy L. Furnish
Courtney G. Goodnight
Allyson E. Griffith
Amanda L. Jenkins
Abbie G. Jones
Christina D. Klepinger
K. Courtney Klingerman
Rachel S. Krupka
Indu Lal
Jennifer L. Loudermilk
Melissa G. McCormick
Christina M. Mourning
Charlotte D. Provost
Brook M. Rohlman
Andrea N. Ronan
Krista M. Sanders
Mika L. Shepherd
Amea J. Stearley
Jerome E. Williams Jr.
Amanda A. Witt

South Bend

Deonna Akers
Stephanie Dolezal
Linda Duensing
Alicia Gensinger
Kristy Kaser
Betsy Marek
Cara Marsh
Stacie Mayea
Teri Meuninck

Renee Nespo
Laticia Pfeifer
Liz Smith
Cynthia Sturgell
Kirsten Weaver
Debra Young

Associate of Science Degrees in Dental Laboratory Technology

Fort Wayne

Stephanie K. Bercot
Cameron B. Catey
Abby M. Graft
Melissa L. Klapp
Andrew A. Liechty
Brady Miller
Nanci S. Longbrake
LaTisa L. Schmidt
Tonya L. Wiley
Audra S. Zanziger

Associate of Science Degrees in Dental Hygiene

Fort Wayne

Viki Anderson
Chrissy Ayala
Jennifer Azbell
Christy Bieberich
Staci Bollenbacher
Diane Bricker
Jamie Bridges
Michelle Cavendar
Lori Clausen
Michelle Gerbers
Kristin Hire
Emily Litchfield
Kerrie Lyons
Sue McCarthy
Angela McCullough
Stephani Pence
Lisa Pulfer
Nicole Richardville
Derinda Smith
Christine Williamson
Jeanie Yadon
Krista Yeager

Indianapolis

Cheryle R. Allee
Alla Bandoim
Kimberly D. Boger
Angela M. Boggs
Michelle L. Burris
Ann E. Burroughs

Nicole Y. Campfield
Heather E. Carney
Melissa A. Carrico
Wendy L. Cherry
Laura L. Coakes
Gretchen E. Cofer
Amber R. Coon
Karen R. Dale
Toni S. Doyle
Jennifer C. Emmert
Jennifer L. Grubbs
Trisha J. Hanawalt
Rachel D. Harvey
Stephanie R. Hein
Melinda R. Jansen
Kristina M. LaFleur
Ashlee L. LaPaugh
Heather M. Marion
Jamey L. Marksberry
Lori L. McAdams
Mary Anne McElravy
Marita J. Meyer
Jennifer S. Mobley
Laura L. O'Brian
Sun Hui Pauley
Anita M. Peachey
Holly J. Ponsler
Amberly D. Randol
Amy J. Reynolds
Courtney M. Rogers
Elizabeth A. Roti
Camile E. Schaeffer
L. Celeste Seifert
Stormy L. Smith
Gina M. Staab
Patty A. Thurman
Ann M. White
Susan K. Whitlow

Northwest

Linda Alvarez
Amanda Brogan
Shawna Burcham
Marsha Carlson
Amanda Cory
Annmarie DiTola
Laura Eich
Sherry Evans
Tammy Evans
Stephanie Fedorchak
Sandra Funk
Jamie Bright-Gorecki
Madge Harsha
Marsha Kuss
Beth Minninger

Danielle Armstrong-Moore
LeeAnn Pierce
Shana Pollock
Nicole St. Germain
Samantha Stalbaum
Angela Studer
Laura Tasky
Michelle Tiano
Kelly Uhls

South Bend

Cindy Baines
Rachel Bonewitz
Roxanne Bowers
Tracy Burkart
Jessica Donahue
Jennifer Doolen
Jayne Eash
Ashvin Forouzandeh
Elizabeth Gardner
Leah Garner
Kelli Gumm
Christine Hill
Sarah Levy
Heidi Lowry
Tom Loy
Danielle Maydak
Bridget McCarthy
Earlene Nelson
Doreen Pienkowski
Cathy Ponsier
Lila Rombold
Tabatha Rudolech
Christie Sims
Tamera Smith
Amanda Sonnenberg
Stephanie Stebbins
April Swingendorf
Masami Takahashi
Denise Wesolowski
M. Suzanne White
Jennifer Wynn

Bachelor of Science Degrees in Public Health Dental Hygiene

Indianapolis

Rebecca S. Arnold
Lori L. Perkins

Doctor of Dental Surgery Degrees

Jill A. Adams
Shahnaz B. Ahmed
Sonia J. Alex
Susan M. Augustine
Chad L. Bailey
Brett M. Barney
Ryan T. Barney
Robert S. Barry
Douglas D. Baum
Terry D. Belden
Michael D. Bettner
Sadia I. Bhatti
James W. Blackburn
Angele M. Boghossian
David A. Boone
Krieger W. Brasseale
Randall J. Brucken
Arlie J. Burnham
Kirk K. Cohil
Barron M. Compton
Steven E. Coryell
David M. Diehl
Jesse W. Duquette
Kathy L. Eaton
Michelle T. Ebeyer
Karen E. Ellis
Jon E. Erickson
Brandon K. Farrell
Shane A. Fisher
John S. Frazee
Jennifer N. Goff
Jennifer L. Green-Springer
Angela L. Greenaway
Zaid W. Hakki
Chad O. Hazelrigg
Brett A. Henrikson
Brian T. Henry
David J. Hernly
Jeffrey A. Hiester
Clayton R. Hilton
Troy N. Holder
Anthony J. Hornaday
John M. Iasella
Stacy C. Johnson
Phillip W. Jones
Daniel W. Krueger
Burton V. Largura
Heather W. Largura
Vinh M. Le
Chun-Nan Lin
Jerrod D. Long
Robert W. Long
Chad A. Matchett

Melissa A. McHenry
Sulbha V. Midha
Jennifer A. Miller
Michael D. Miskuf
Brian C. Modrowski
Nathan S. Moore
David S. Morgan
Russel Mulamba
Don M. Newman
Audrey E. Nuffer-Johnson
Kinnari N. Patel
Lynn M. Pavlovich
Tam T. Pham
Trinh T. Pham
Tyler J. Potter
Kurt N. Richeson
Nolen W. Richmond
Hirbod Rowshan
Jack A. Rusch III
Cory B. Sellers
Sonya A. Shively
Christopher W. Shorey
Michael J. Silverman
James A. Sisson
Sherri M. Skiles
Raymond A. Spinelli
Joseph D. Spires
LaMont C. Stevens
Jeffrey A. Stolarz
Brian S. Stratman
Lawrence W. Stubbs
Scott E. Tate
Kyle W. Taylor
Nell M. Thompson
Cuong P. Tran
Nathaniel D. Tricker
Aaron Tropmann
Bradley A. Weiss
Eric R. Wiitala
Stephanie A. Wright

1917

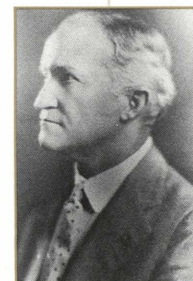
Patient fees for amalgam restorations: 50¢; for gold shell crowns (molars): \$4.50.

Glenn Pell (DDS'12), superintendent of the IDC clinic, suggests that school children's work be done only by senior students because these patients deserve the best care.



1918

Dean Henshaw takes a leave of absence to serve in the military. David House (DDS 1894) assumes role of acting dean for 2 years.



1919

Dental curriculum finally expands to 4 years.



1919 *continued*

Dr. Pell, now assistant dean, begins to develop an interest in oral surgery. (This intellectual curiosity leads to a notable career for Dr. Pell. He distinguishes himself as an outstanding authority in oral surgery and is credited with developing an improved technique for removing impacted 3rd molars.)

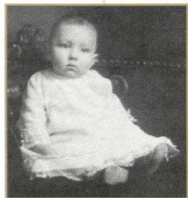
1920

College moves to Walnut and Pennsylvania streets.



A popular student pastime—crapshooting—is prohibited during school hours.

Future Dean Ralph McDonald (DDS'44) is born in Indianapolis on May 12.



timeline continued
on page 28

GRADUATING CLASSES CONTINUED...**GRADUATE PROGRAMS**

(Graduates July 1998 through June 1999 and Titles of Theses and Dissertations)

DENTAL DIAGNOSTIC SCIENCES**MSD degree**

Milagros J. Toro

Effects of exogenous epidermal growth factor on oral mucosa wound healing

DENTAL SCIENCES**PhD degree**

Sarandeep Singh Huja

Microhardness, strains and microdamage in bone surrounding endosseous implants subjected to bending fatigue loads

GENERAL PRACTICE RESIDENCY**One-year certificates**

Tiffany L. Buller-Schussler

Kimberly Kaboos

Christopher G. Lefebvre

Angela R. Ojeda

Miranda J. Schoof

Michael M. Spees

OPERATIVE DENTISTRY**MSD degrees**

Ubiracy Gaiao

Clinical study of 10-percent carbamide peroxide degradation in bleaching trays

Hakam N. Mousa

Clinical evaluation of bleaching agents of different concentrations

Evridiki Papakosta

Quantitative evaluation of the color of extracted human teeth and three shade guides with the use of a non-contacting technique

Pranee (Leann) Wattanapayungkul

Clinical study of the degradation of 10-percent carbamide peroxide within the first hour with and without pellicle

ORAL AND MAXILLOFACIAL SURGERY**Four-year certificates**

Byron T. Henry

Timothy J. Koob

ORTHODONTICS**MSD degrees**

M. Jayme Adelsperger

Comparison of the incidence of Bolton tooth mass discrepancy in African-American and Caucasian populations

A. Denis Britto

Variable expressivity with apparent reduced/non-penetrance in Crouzon Syndrome

Karen L. Cottingham

Effect of etidronate on bone remodeling in dog mandibular condyle

Aurora Fernández

Effect of aging on bone remodeling in canine mandibular condyle

Oliver Harper

Relative orthodontic bracket bond strength measured in three testing modalities

Todd Andrew Hickman

Association of specific *EPHX1* and *GSTM1* gene polymorphisms with phenytoin- or smoking-associated birth defects

PEDIATRIC DENTISTRY**Two-year certificate**

Roland M. Buyama

MSD degrees

Julie M. Collins

Effects of kinetic cavity preparation vs. conventional handpiece preparation on the human dental pulp

Gary R. Toppi

Use of cell demodulated electronic targeted anesthesia to control dental operative pain in pediatric patients

PERIODONTICS**MSD degrees**

Piyanuj Permpanich

Strain differentiation of oral lactobacilli by ribotyping

Robert J. Selders

Evaluation of three strains of *Streptococcus mutans* for root caries activity in dentin

Aldo E. Sordelli

In vitro study to determine the oxidative response of bisphosphonate and estrogen-treated human neutrophils to titanium disks

Carlos A. Zapata

Influence of nicotine upon IL-6 and IL-1 β production by human periodontal ligament fibroblasts

PREVENTIVE AND COMMUNITY DENTISTRY**One-year training program**

Cheryl L. Carlton

PROSTHODONTICS**One-year maxillofacial prosthetics certificate**

Harding Winslow Rogers III

MSD degrees

Philip Duke

Study of the physical properties of gypsum, resin-containing and epoxy die materials

Carmen Yamilly Paez

Temperature rise in the pulp chamber during the fabrication of provisional restorations

Michael Patrick Pedlar

Evaluation of two single tooth implant/abutment interfaces and two different abutment screws tested in dynamic and static loading conditions

INCOMING CLASS PROFILES 1999–2000 ACADEMIC YEAR

	Dentistry DDS 2003	Dental Hygiene ASDH 2001	Dental Assisting Certificate 2000	Graduate/Postdoctoral Education (master's degrees, PhD degrees, and certificates)
APPLICANTS	1,527	214	39	468
Indiana Residents	132	208	39	not tallied in central office
Non-residents	1,395	6	0	not tallied in central office
Men	1,039	2	0	not tallied in central office
Women	488	212	39	not tallied in central office
Minority Applicants	79	16	6	not tallied in central office
Matriculating Students	100	50	16²	38

STUDENTS

Indiana Residents	63	48	16 ²	13
U.S. Residents (Excluding Indiana)	36	2	0	13
Students from Other Countries	1 ¹	0	0	12 ⁴
Men	74	1	0	28
Women	26	49	16 ²	10
Minority Students	1	3	2 ³	6
Average Overall GPA (4.0 scale)	3.40	3.35	2.68	not tallied
Tuition (Excluding Ancillary Fees)				
In-state	\$12,190	\$3,317.60	\$3,660.80	\$12,190
Out-of-state	\$26,107.80	\$10,324	N/A	\$26,107.80
Percent of In-state Tuition Increase from Previous Year	6%	~3.5%	~3.5%	6%

¹Canada

²Two have since left the program.

³One has since left the program.

⁴Australia, Brazil, Colombia, Ireland, Japan, Mexico, People's Republic of China, The Philippine Islands, Saudi Arabia, Syria, United Arab Emirates

Total Dental School Enrollment

388	(4 dentistry classes)
99	(2 dental hygiene classes)
14	(1 dental assisting class)
7	(public health dental hygiene bachelor's degree candidates)
90	(students in graduate/postdoctoral programs)

598

IUSD students

INDIANA UNIVERSITY SCHOOL OF DENTISTRY

School of Dentistry Budget
July 1, 1998-June 30, 1999

GENERAL FUND**Operating Income: \$26,933,711****By Percent**

State Appropriations	51.27
Student Tuition	28.03
Clinic Income	18.16
Contract and Government for Administrative Services	2.17
Other (reimbursement agreements and miscellaneous)	.37

Operating Expenditures:

Salaries, Full-time Faculty	28.19
Salaries, Full-time Staff	16.91
Fringe Benefits and Retirement	15.43
University-Assigned Costs for Central Services	15.07
Supplies and Related Expenses	14.66
Salaries, Part-time Instructors	6.23
Equipment	1.89
Wages, Hourly Employees	1.11
Travel	.51

Miscellaneous Income: \$4,343,703**By Percent**

(excluding research and gifts to the IU Foundation)

Service (sterilization monitoring service, etc.)	48.41
Other (fellowships, etc.)	34.71
Auxiliary (student instrument issue, etc.)	8.46
Continuing Education	8.42

Miscellaneous Expenditures:

Service	46.33
Other	35.56
Auxiliary	9.23
Continuing Education	8.88

CLINIC FACTS

Current Patient Population:	16,681
Patient Appointments:	
Predoctoral Students:	70,403
Graduate Students:	21,678
Dental Hygiene Students:	7,586
Total Number of Appointments:	99,667
Total Clinic Income	\$3,946,537

RESEARCH

Extramural Research Funding	5,370,007
Intramural (IUSD) Research Support	187,067
Total	\$5,557,074

Extramural Funding Sources:	\$ Amount	Percent
Federal Government Sponsored Research	712,026	13.26
Federal Government Sponsored Training Grants	148,544	2.77
Non-Government Sponsored Research and Training	4,404,367	82.02
University Support of Research and Training (other than dental school funds)	105,070	1.95
Total	\$5,370,007	100.00

Extramural Funding by Departments and Divisions:	\$ Amount	Percent
Dentistry Services	2,250	0.04
Oral Biology	631,242	11.76
Oral Facial Development	205,810	3.83
Oral Health Research Institute	4,019,919	74.87
Oral Surgery, Medicine, and Pathology	137,685	2.56
Periodontics and Allied Dental Programs	102,599	1.91
Research and Administrative Support	174,733	3.25
Restorative Dentistry	95,769	1.78
Total	\$5,370,007	100.00

Indirect Costs Recovered from Funded Research	\$585,125
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RESEARCH AWARDS

Principal Investigators	Project Topics	Budget
University Support of Research and Training		
<i>Oral Health Research Institute</i>		
Carlos González-Cabezas	Grant-in-Aid for Research: Development of a New In Vitro Methodology to Measure Early Mineral Changes in Dentin	\$2,650
<i>Oral Surgery, Medicine, and Pathology</i>		
Mostafa Analoui	Biomechanical Engineering Imaging	\$20,000
Ginat Mirowski	Computer-Aided Learning in the Dental Curriculum: Dermatology Module	\$4,800
<i>Research Administration</i>		
Chris Miller	Research Incentive Fund Awards	\$23,175
Chris Miller	IUPUI Awards to Support IUSD Graduate Student Research	\$49,645
<i>Restorative Dentistry</i>		
Donald Schmitt	A Self-Study Course in Occlusion	\$4,800
Non-Government Sponsored Research and Training		
<i>Dentistry Services</i>		
Sara Hook	History of the Oral Health Research Institute (monograph)	\$2,250
<i>Oral Biology</i>		
Chris Miller	Oral Microbiology Testing (for multiple companies)	\$22,482
Chris Miller	Use of Stainless Steel Tubes to Mimic Rigid Endoscopes in Sterilization Studies	\$10,331
Chris Miller	Ability of Effervescent Denture-Cleaning Tablets to Kill Odor-Causing Bacteria	\$22,980
Chris Miller	Sterilization of Selected Periodontal Instruments—Part 2	\$3,113
<i>Oral Facial Development</i>		
Lawrence Garetto	Biomechanics Laboratory Testing	\$13,315
Ronald Hathaway	Repair of Experimental Alveolar and Calvarial Defects in a Bioresearch Model	\$3,478
James Hartsfield	Orthodontic Graduate Program	\$4,000
James Hartsfield	Children Oral Health Services	\$8,076
W. Eugene Roberts	Loads Generated by Orthodontic Appliances	\$29,704
<i>Oral Health Research Institute</i>		
Bradley Beiswanger	Clinical Study to Assess the Effects of Triclosan-Containing Dentifrices Versus Controls on Gingivitis, Gingival Bleeding and Plaque	\$112,922
Bradley Beiswanger	Screening and Selection of Suitable Subjects for Future Clinical Trials	\$19,257
Arden Christen	Evaluation of the Efficacy and Safety of a Transdermal Delivery System of Nicotine in Cigarette Smokers	\$33,708

Principal Investigators	Project Topics	Budget
Ann Dunipace	Enamel Fluoride Uptake and Mineral Content Changes Following Use of a Non-Fluoridated Dentifrice and Three Fluoridated Dentifrices	\$51,305
Ann Dunipace	Comparison of Mineral Content Changes in Incipient Enamel Lesions Following Use of Two Experimental Anticaries Dentifrices	\$77,069
Ann Dunipace	In Situ Evaluation of the Ability of Three Different Toothbrushes to Promote Fluoride Uptake into and Remineralization of Incipient Enamel Lesions	\$39,272
Ann Dunipace	An Intraoral Study of the Ability of Different Toothbrushes to Remove Interproximal Plaque	\$9,311
Ann Dunipace	Mineral Content Changes in Incipient Enamel Lesions Following Use of an Experimental, a Non-fluoridated, and a Fluoridated Dentifrice	\$38,197
Margherita Fontana	Cariology Laboratory	\$91,615
Carlos González-Cabezas	Electron Microscopy—Dental	\$4,432
Roger Isaacs	Clinical Trial to Determine the Incidence, Prevalence, and a One-Year Increment of Caries in Puerto Rican Children	\$29,412
Roger Isaacs	Subject Recruitment and Screening for Participation in Denture Adhesive Studies	\$22,493
Roger Isaacs	Study to Compare the Efficacy of Three Denture Adhesives, Over 13 Hours, Using Gnathodynamometry	\$63,600
Roger Isaacs	Denture Research Facility	\$459,691
Roger Isaacs	Study to Collect Tooth Stain, Saliva, and Plaque Samples for Analysis and to Measure the Rate of Stain Formation in Subjects	\$29,249
Roger Isaacs	Study to Evaluate the Gingivitis and Plaque Efficacy and the Staining Potential of Three Experimental Dentifrices Versus a Negative and a Positive Control	\$167,434
Roger Isaacs	Gingivitis Examiner Qualification Study	\$46,065
Roger Isaacs	Efficacy of an Experimental Two-Phase Tartar-Control Dentifrice Relative to "Marketed" Controls: A Limited Brushing, Controlled Clinical Trial (Calculus Study)	\$150,000
Roger Isaacs	Study to Evaluate the Reduced Staining Potential and the Oral Soft Tissue Effects of Two Experimental Dentifrices Versus Controls (Stain)	\$124,479
Roger Isaacs	Movetrak System Training/Validation Project	\$14,234
Bruce Schemehorn	Fluoride Bioavailability, Hard Tissue Abrasion, Stain Removal, and Other Studies (multiple projects)	\$1,124,455
George Stookey	Fluoride Rinse Program (multiple projects)	\$56,830
George Stookey	IU School of Dentistry Indiana Conference 1999 Corporate Sponsorships	\$60,240
George Stookey	Amendment—Institutional Research Agreement—Rat Caries Model	\$179,729
George Stookey	Eight Examiners to Detect Longitudinal Caries Progression	\$119,886
George Stookey	Methodology Studies Using Rat Caries Model	\$142,801
George Stookey	Bioresearch Facility (multiple projects)	\$700,554
Andréa Zandoná	Multi-Site In Vitro Validation Study for Quantitative Light Fluorescence	\$49,029

Principal Investigators	Project Topics	Budget
<i>Oral Surgery, Medicine, and Pathology</i>		
Mostafa Analoui	Technical Evaluation of Direct Digital Radiology	\$5,444
Steven Schimmele	A Pivotal, Randomized Parallel Evaluation of an Absorbable Sponge	\$13,000
<i>Periodontics and Allied Dental Programs</i>		
Joseph Bidwell	Identification of Parathyroid Hormone (PTH)—Regulated Anabolic Genes	\$67,500
<i>Research Administration</i>		
Bruce Matis	IUSD Research Day	\$15,550
Lawrence Goldblatt/Chris Miller	Memorandum of Understanding Between IU and Matsumoto Dental University	\$74,906
<i>Restorative Dentistry</i>		
Michael Cochran	Graduate Operative Dentistry Testing (multiple projects)	\$2,500
Steven Duke	Flavored Impression Material Study	\$4,824
Steven Duke	Materials Study	\$5,000
Steven Duke	Bonding Agent Study	\$16,000
Bruce Matis	Clinical Research Testing (multiple projects)	\$1,000
Bruce Matis	Clinical Evaluation of Bleaching Agents of Different Concentrations	\$6,000
Bruce Matis	Degradation of Whitening Gels in Saliva	\$2,457
Bruce Matis	Clinical Study of the Degradation of 10% Carbamide Peroxide within the First Hour with and without Pellicle	\$12,000
Bruce Matis	In Vivo Evaluation of Whitening Agents during Daytime Use	\$24,441
Bruce Matis	Degradation of Gels	\$11,352
B. Keith Moore	IUSD Faculty Research	\$5,395

Federal Government Sponsored Research

<i>Oral Biology</i>		
Richard Gregory	Saliva: IgA	\$1,712
Richard Gregory	Pulmonary Humoral Immune Responses in HIV Infection	\$6,771
Marilyn Lantz	Fibrinogen Binding and Virulence of <i>Porphyromonas gingivalis</i>	\$41,919
Marilyn Lantz	Fibrinogen Binding and Virulence of <i>Porphyromonas gingivalis</i>	\$56,421
Donald LeBlanc	Plasmid Biology of <i>Actinobacillus actinomycetemcomitans</i>	\$196,990
Donald LeBlanc	Oral Streptococci Virulence: New Molecular Approaches	\$135,943
Jack Windsor	Activation of Collagenase in Rheumatoid Arthritis	\$52,137

Principal Investigators	Project Topics	Budget
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Oral Facial Development

Eric Everett	Low Set Ears: A Dominant Branchial Arch Disorder in Mice	\$54,754
James Hartsfield Jr.	Epoxide Hydrolase Studies and Phenytoin-Induced Clefting	\$91,510
Thomas Katona	Class V Composite Placement Methods and Cavity Designs	\$973

Oral Surgery, Medicine, and Pathology

Meg Vickerman	Additional Support, Regulation of <i>Streptococcus gordonii</i> glucosyltransferase	\$37,797
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Periodontics and Allied Dental Programs

Joseph Bidwell	Purification of Bone Nuclear Matrix Protein	\$35,099
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Federal Government Sponsored Training Grants*Oral Biology*

Ned Warner	Secretory IgA and Serum IgA Immunity in HIV-1 Infection	\$80,443
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Oral Surgery, Medicine, and Pathology

Heidi Crow	Residency Training in the General Practice of Dentistry	\$56,644
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Research Administration

Richard Gregory	Short-Term Research Training for Students in Health Professional Schools	\$11,457
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Research with a View

*P'amajixik k'iin winaq utz ráanmo**



Children of San Juan La Laguna, and a view from the shore of Lake Atitlán

To control the environmental variables in their investigations into familial clustering of periodontal disease, IU periodontics professor Michael Kowolik and PhD candidate Sherie Dowsett went in search of a study site where the population lives in large family units within a more uniform environment. They found what they were looking for in remotely situated San Juan La Laguna, an isolated village in the Central Highlands of Guatemala. With help from the villagers and Central American colleagues, Drs. Kowolik and Dowsett have established the prevalence of periodontal disease and commenced familial studies. In parallel with this familial theme, the researchers have developed their interest in *Helicobacter pylori*, a bacterium that causes gastritis and a host of other serious health problems. Their recently published article sheds new light on possible modes of transmission of *H. pylori*, drawing the attention of the international scientific community in the process. They begin their tale with Dr. Kowolik's first visit to

Guatemala:

*"working with friends" (loosely translated from Tz'utuhil, the language spoken in San Juan La Laguna)

As I savored another mouthful of hot, rich coffee, I was in awe of the spectacular scene before me, with the rising sun glistening across Lake Atitlán to the distant villages and their enchanting backdrop of volcanoes. I was not to know on that sunny morning that this would be the first of many such momentous trips to what has been described as one of earth's most beautiful lakes...

I first visited Guatemala in 1994 to review a clinical trial in Guatemala City being conducted by local investigator, Dr. Luis Archila, a maxillofacial radiologist. Luis was also my guide to Lake Atitlán in the Central Highlands on that memorable first visit, and it was whilst there, eating a breakfast of *heuvos revueltos*

(scrambled eggs) and absorbing the surroundings, that I realized this paradise might also provide the opportunity I had been seeking for some time, namely to find isolated populations in which to determine whether there is indeed clustering of periodontal disease within families. Furthermore, this could also create the opportunity to provide valuable data—currently non-existent—on oral health profiles in Central America.

The political and financial climates have not been conducive to the development of research of any kind to date, and this is perhaps an appropriate point at which to provide some historical background. The history of the Mayan people in Guatemala, as well as in Belize and the Yucatán, Mexico, stretches back some 4,000 years. Ancient ruins are still in existence, testifying to the wealth and technological knowledge of these empires which were at that

time far in advance of equivalent societies in Europe.

Like the indigenous people of North America, however, the Mayan Indians of later centuries were not free from invasion and suppression by empire-building Europeans, and in 1530 they were conquered by the Spaniards, who instigated some

300 years of harsh colonial rule. Guatemalan independence from Spain was finally achieved in 1821 but, since then, the country has had a continuously tragic saga with, more recently, a succession of supposedly well-intentioned but draconian dictatorships. In the 1960s and 1970s political violence pervaded society

with tens of thousands killed. And, as if to mirror this unrest, nature provided a devastating earthquake contributing a further 22,000 deaths in 1976. In the early 1980s military suppression of antigovernment elements in the countryside reached a peak and, again, thousands of civilians, mainly indigenous Indians living in rural villages, were massacred for suspicion of sheltering antigovernment rebels. Despite the aggressive government tactics to prevent it, guerilla support burgeoned and civil war dragged on.

Finally, in 1996, a peace accord was signed, signaling the end of 36 years of civil war that had resulted in the killing of 200,000 Guatemalans and the “disappearance” of thousands of others, with a million more made homeless. No surprise that the country has been preoccupied with more fundamental social and basic educational problems than the luxuries of clinical research.

Despite or perhaps due to the carnage, the indigenous culture has to date maintained its identity to a greater extent than neighboring countries. Twenty-three Mayan languages are still widely spoken in rural populations, where many locals are unable to speak Spanish. Although the indigenous people are rich in culture and heritage they remain poor in material terms, with more than 90% living in poverty. This reflects the highly polarized facets of life in Guatemala, where 3% of the population (primarily Hispanic) owns 70% of the cultivable land and 80% of the wealth. Life expectancy in Guatemala is now 67 years, but with mass killings in the 1980s and current high birthrates, the traditional age pyramid of a pristine society still pertains in rural communities, with 45% of the population being under 15 years (compared with 22% in the U.S.) and only 3% older than 60. With regard to current mortality, infectious

Photos by Sherie Dowsett



“Miguel” Kowolik (right) with Miguel Hernandez Mendoza, Dr. Kowolik’s “*tocayo*” (colloquial word for a person having the same name)

disease, nutritional deficiency, and conditions arising in the perinatal period account for about 45% of the deaths. In young men, violence-related death is most common.

Against this social and political backdrop, the authors commenced initial surveys of distinct Indian populations (principally Kekchi, Cakchiquel, and Tz'utuhil) in several remote locations, attempting to identify a suitable community in which to carry out subsequent investigations. Our preliminary studies comprised a detailed medical history and oral examinations to identify mucosal disease, caries, plaque and calculus, gingivitis, and periodontal disease. Central to our efforts has been Guatemalan physician Dr. Antonio Silva, who is not only a talented community physician and orthopedic surgeon but also a film star and international sportsman!

One of the earliest findings of interest—and reflective of other rural populations of developing nations with limited access to dental care—was the high tooth retention despite neglected oral health. In the context of general health, gastric symptoms predominated, which proved important in our decision to undertake studies of *Helicobacter pylori*, upon which we will elaborate.

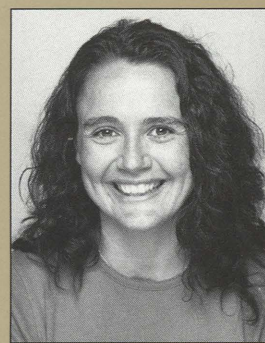
Logistics as well as clinical findings played a major role in our decision to focus our current studies in the village of San Juan La Laguna on the southwest shore of Lake Atitlán. San Juan is one of the larger of 12 villages around the lake and, at an altitude of 1,500 meters, is surrounded on three sides by steeply rising volcanic cliffs, cultivated as far as possible by the local community. Access to the village is provided predominantly by passenger ferry with a regular service between the shoreline villages and the small town of Panajachel on the north side of the lake. This town has provided us with a base from which to commute daily

to San Juan by private boat. In general, the early morning trip to work across the placid water, which in fact fills an ancient volcanic caldera, takes some 45 minutes. The late afternoon return trip can be long and rough, however, particularly in the temperamental squalls typical of the rainy season.

We have now visited San Juan on several occasions and have not only established excellent working relationships with the villagers but also formed affectionate ties with many of the families. The Tz'utuhil people are indeed amongst the most hospitable one could ever hope to meet, with their intelligence, warmth, and trust. Critical to our liaison with the village as a whole has been the involvement of local helpers in translating the Tz'utuhil language to Spanish, running our studies, and recruiting the subjects. This local team is led by Miguel Hernandez Mendoza, who occupies a prominent position as “president” of the village Catholic church. He is ably assisted in his work with us by a cadre of ladies.

The pattern of village life in San Juan was established centuries ago but in present time represents more a synthesis of traditional Mayan culture and Christian belief. Traditional values are best exemplified by the role of the “Curandera,” an elderly lady who cures the sick with traditional herbal medicines and dispenses wisdom and advice to those who seek it. In this hierarchical society, she and the comadronas (midwives) occupy a highly respected position, although men retain ultimate authority within the village and individual families.

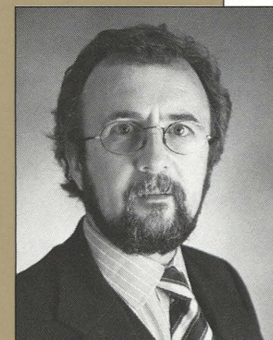
A typical household in San Juan will comprise parents and the six or seven children that have survived infancy, although extended family units are also common with three generations living in close proximity. Houses are basic, constructed of



Dr. Dowsett

Sherie Dowsett is a graduate of Leeds Dental School in England and is currently completing her PhD in IU's Department of Oral Biology on the work described. She previously worked with the Iban tribes of Borneo, Malaysia.

Michael Kowolik is an IU professor of periodontics and head of the dental school's Host Defense Laboratory. He is also a visiting professor in the Department of Periodontics at Universidad Autonoma de Nuevo Leon, in Monterrey, Mexico. Dr. Kowolik holds dental and PhD degrees from the University of Edinburgh, Scotland.



Dr. Kowolik

About the Authors

The research community knows that *H. pylori* causes such health problems as gastritis, ulcers, and gastric adenocarcinoma. But scientists are much less certain of how this bacterium is transmitted. This issue will have to be resolved if effective prevention is to be instigated. In their study of *H. pylori*, Drs. Dowsett and Kowolik found a significant positive relationship between infection of the tongue and fingernail, suggesting that hands could be one way by which the bacterium is spread. After their results were published in the *Journal of Clinical Microbiology* (37:2456-2460, 1999), *The Lancet*, a distinguished international medical sciences journal, published an interview with Dr. Kowolik in its August 21, 1999 issue. The December 1999 issue of *Men's Health* magazine also touched on the IU researchers' work.

mud-brick or stone and often consisting of only a single room. Hot running water is not available in the village, and electricity is sparse and unreliable. Subsistence is largely agricultural and is predominantly based on coffee, corn, beans, and avocados. The vegetarian diet is meagerly supplemented by chicken and, occasionally, fish from the lake.

Overall, this uniform environment within the village, the large family units, and the virtual absence of tobacco use potentially provide the ideal community in which to explore a familial, and possibly genetic, basis for periodontal disease. Furthermore, with our interest in *Helicobacter pylori* and its association with poor sanitation and crowded living conditions, San Juan provided an ideal site in which to conduct a cross-sectional study focusing on the transmission of this bacterium.

To date, the initial investment in time, personnel, and resources to establish these excellent relationships with the community has started to produce scientific dividends.

Researchers first isolated *Helicobacter pylori* from the acidic

environment of the stomach almost 20 years ago, and since then *H. pylori* has rocketed to fame in clinical medicine. Today, its role in the etiology of gastric and duodenal ulcers and gastritis is undisputed and, furthermore, it is now designated a type I carcinogen by the World Health Organization (WHO) through its association with gastric adenocarcinoma. Despite its considerable impact on health worldwide, there is still little understanding of the mode of transmission of *H. pylori* (either oral-oral or oral-fecal), which hinders successful implementation of preventive measures.

Previous studies have suggested a role of the oral cavity as a reservoir for gastric infection, although this remains controversial. Our study conducted in San Juan in 1997 showed that, of 242 randomly selected subjects, 58% were seropositive for antibodies to *H. pylori*, with a positive relationship between mother and child serostatus ($p = 0.02$) and a positive correlation between sibling serostatus. Moreover, 87% of subjects had at least one oral site positive for *H. pylori* (detected by polymerase chain reaction, or PCR) with the majority of subjects having multiple sites positive. Since *H. pylori* is also associated with poor sanitation, we hypothesized that the fingernails may also harbor this bacterium. In fact, 58% of subjects had a positive fingernail result (detection again based on PCR) with a significant relationship between fingernail and tongue positivity. The results of this study suggest that oral carriage of *H. pylori* may play a role in the transmission of infection and that the hand may be instrumental in spread of *H. pylori* from the feces, or to and from the mouth (Dowsett et al., *J Clin Microbiol* 1999). Encouraged by the results of this study and its reception in the scientific community, we are currently planning the next stage of our investigations in this area.

Michael Kowolik



Dr. Dowsett surrounded by friends, including Domingo (on her lap) and, in foreground from left: Heidi, Sonia, and Erica

Study volunteers wearing traditional dress. The intricately woven threads prominently displayed in the villagers' clothing often tell a story about their lives.

As stated previously, the main purpose in establishing a clinical research base in the community of San Juan has been to pursue the elusive goal of identifying a possible familial basis for susceptibility or resistance to adult periodontitis. Over the past 40 years, the focus of periodontal research in terms of etiology has shifted dramatically. The initial emphasis on microbial factors has predominated since the 1960s but is now being increasingly overshadowed by the realization that host factors are probably the ultimate arbiters of disease expression. The current paradigm is that specific bacteria trigger host responses leading to periodontal tissue destruction, both directly and indirectly, by host-mediated mechanisms. Probably the two most important risk factors identified so far are cigarette smoking and insulin-dependent diabetes mellitus.

Thus, like other chronic infectious diseases (e.g., malaria, tuberculosis), periodontitis is now recognized as a complex disease whereby both host (genetic) and environmental factors play a role in expression. In the etiology of periodontal diseases, it is almost certain that more than one gene plays a role in conferring susceptibility. It will be no small task to solve the puzzle.

Important progress has been made recently with the discovery of an association between severe adult periodontitis and the genes encoding interleukin-1 (IL-1), an inflammatory cytokine (mediator) thought to play a role in host-mediated periodontal destruction. Enthusiasm has been sufficient to generate commercial interest in this area and, although this approach will undoubtedly flourish in clinical diagnostics, celebration is perhaps rather premature.

Selection of candidate genes, such as those for IL-1, is based on the likely involvement of the gene

product in the disease process. A more systematic approach of elucidating a genetic basis for periodontal disease, however, rests on the assumption that it will then also be concentrated in specific families, and this can be tested using statistical models. Such studies have proved problematic in populations of industrialized countries due to family units of insufficient size and limited availability, and the existence of confounding environmental differences between families. These difficulties can be avoided to a great extent by studying large immobile families living as far as possible in a uniform environment, as is evident in the villages of Guatemala and, in our case, in San Juan La Laguna. We are also extremely fortunate at IU to have one of the world's foremost departments of Medical and Molecular Genetics with considerable experience in population genetic studies.

To date, we have concentrated on collecting medical and oral health data, particularly relating to periodontal status, both cross-sectionally and within family units. As might be imagined, this is slow and expensive work. There will be no quick answers, but the long-term benefits, particularly for healthcare planning, could be significant. To succeed, all this work requires a skilled and coordinated team. We have been fortunate in enlisting the expert cooperation of Dr. Luis Archila and his team in Guatemala; Dr. Vincent Segreto in San Antonio, Texas, who has had many years' experience working in Guatemala; and Dr. Manuel De La Rosa in Monterrey,



Mexico. We have also had great support from our statisticians, Drs. George Eckert and Barry Katz, and data management at IU. The initial work was generously supported by the Procter & Gamble Company, with special thanks to Dr. Bob Boggs, Dr. Bob Bartizek, and Kathy Vastola.

During the course of our work over the past four years we have been privileged to see beyond the front doors of San Juan La Laguna. We have acquired the basics of conversational Spanish, and even a few words of Tz'utuhil, facilitating communication at a personal level and thereby providing us with a deeper and wider perspective of life in this and other indigenous villages. However, this has also opened our eyes to the potential negative effects of Western intrusion into these communities. According to Heisenberg's Uncertainty Principle, even our presence in the village has the potential to influence attitudes but, perhaps more disturbing, is the questionable



Josefina, one of the villagers who assist the researchers with their studies, transports Dr. Dowsett's laptop and files from the jetty to the clinic site, gracefully negotiating a very steep hill along the way!

benefit of well-intentioned groups of foreign healthcare professionals who spend a few days in these villages attending to perceived acute conditions, but with little consideration for the long-term effect of their actions.

With respect to foreign aid, there is no doubt that it provides tremendous financial and physical support for developing countries worldwide, but our experiences in San Juan have again given rise to increasing skepticism. During a recent visit to San Juan, we were introduced to a visiting member of the U.S. Peace Corps who, we were surprised to learn, was attempting to teach the village ladies how to more effectively prepare their food. One questions the rationale

of this approach, considering the survival of these communities on meager subsistence for many centuries, during which they have clearly learnt to maximize the potential of all their resources. Moreover, it was clear that communication between the Peace Corp worker and the villagers was polite but rather formal, so limiting her potential influence.

On a more personal level of village life, the close ties we have established with these communities have most certainly changed our perspective on the issue of "quality of life"—one wonders if potential gains will be outweighed by the inevitable losses in family and village life if outside influences increase in these previously protected environments.

So what is the future of the indigenous communities in Guatemala? Ending of the civil war has enabled the current government to direct its resources away from military objectives to domestic issues of welfare, with resultant increasing rural development. If poorly managed, however, this could be catastrophic for the indigenous cultures. In San Juan, after centuries of little change and only a gentle exposure to our twentieth century, life is set to be transformed as the new millennium arrives. It represents one of several towns and villages designated by the President of Guatemala as a model for development. In the last year we have witnessed the building of a small inn, primarily with commercial interest in mind and, in the last few months, after several years of construction, a perimeter road around the lake has finally reached the village. Tourists are also increasingly finding San Juan an attractive Indian village to explore, which will no doubt increase commercial development and, in the long-term, curtail cultural identity within the village.

Consequences of Western influence on indigenous societies worldwide can be brutally evident, and this is addressed poignantly in a *National Geographic* article by Wade Davis,* who states: "The issue is whether ancient cultures will be free to change on their own terms."

Government and foreign aid can, however, make a positive impact on Guatemala's public health issues, which are many. The prevalence of infectious disease, household crowding, contaminated water supplies, and poor sanitation will need to be addressed. Also critical to public health issues in Guatemala and all developing countries is the instigation of effective birth control regimes and public education to reduce crowding, poverty, and perinatal mortality.

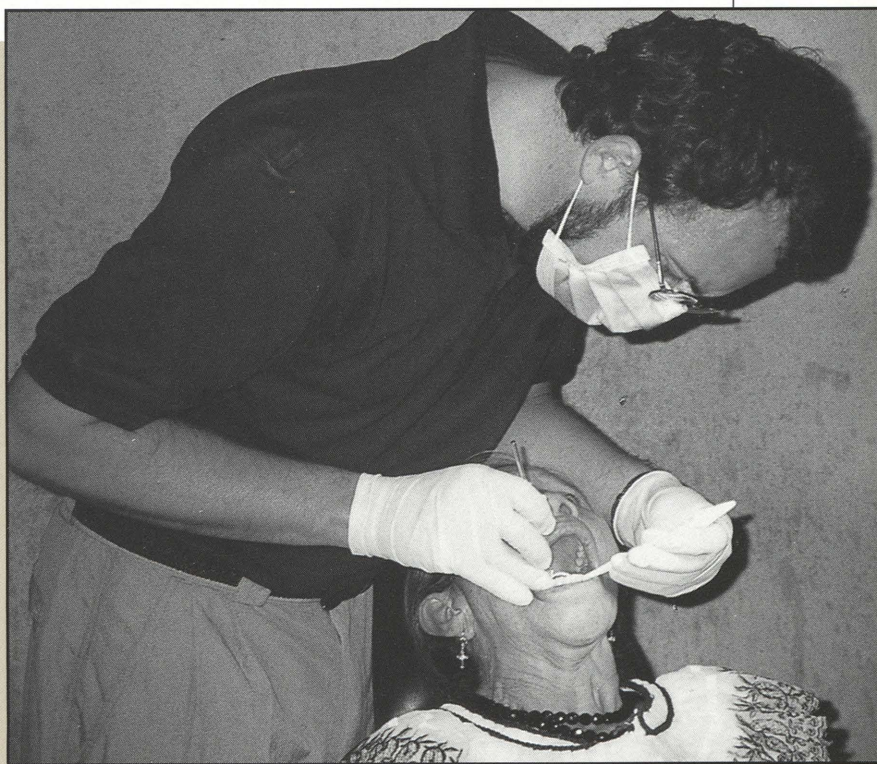
In describing the establishment of our research regimes in Central America, perhaps we have risked becoming overly political. However, political turmoil has been the norm in this part of the world, and it is impossible not to be touched by its effects, particularly when our own perspective has been altered by experience.

In the long-term, our hope would be to work with these rural communities and the government (with whom we have had several meetings) to conduct well-designed clinical studies and provide the groundwork for healthcare planning in Guatemala, Central America, and possibly beyond. Specifically, the *H. pylori* studies could lead to outcomes that may be applied worldwide in preventive regimes, and dividends of our periodontal research could have implications for prevention and treatment nearer home.

*For those who wish to read more on the plight of indigenous people worldwide, we strongly recommend Wade Davis' article, "Vanishing Cultures," appearing in the August 1999 issue of *National Geographic* (196:62-89).

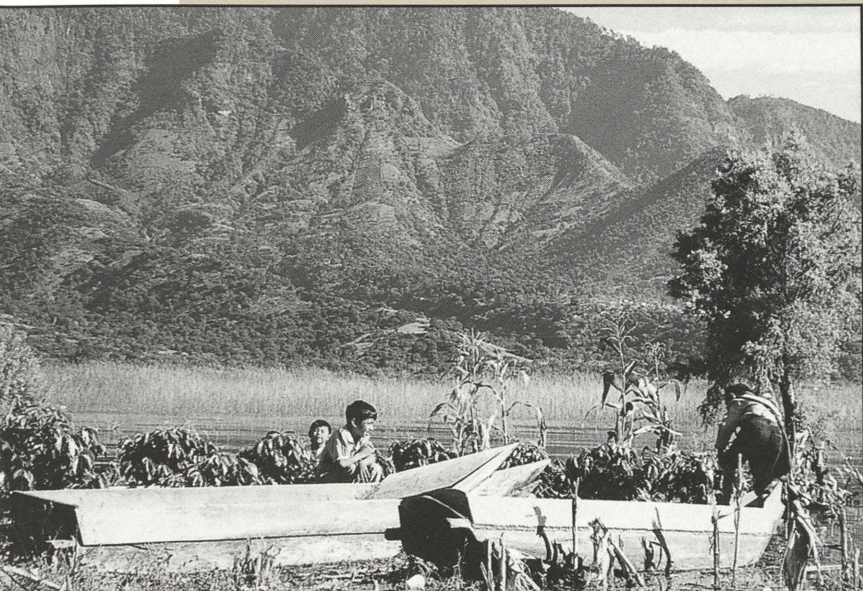
Chairside in San Juan La Laguna

- The population of San Juan La Laguna is composed of about 2,500 people, most of them Tz'utuhil Indians. Nearly a fourth of the villagers have participated in one or more of the studies, and Drs. Kowolik and Dowsett have taken pleasure in working and becoming acquainted with the residents of San Juan. "The Tz'utuhil people are gentle, intelligent, and inquisitive," says Dr. Dowsett.
- Study participants range in age from 12 to 80.
- The village has no dentist. A very small number of villagers have received restorative care from a dentist in distant Solola, which is a boat and bus ride away.
- The researchers set up portable dental chairs and lights in a rented one-room house near the center of town to run their studies. A large generator serves as a back-up for the village's unpredictable electrical supply.
- Several research "helpers" living in the village use word-of-mouth to recruit study participants. The villagers are eager to volunteer, and usually many more show up than the studies can accommodate. Participants often arrive in groups and



enjoy socializing with one another while they await their turn in the dental chair. They are faithful in keeping their recall appointments for studies that require subsequent visits. The researchers' biggest challenge is to collect accurate dental histories from the villagers, who are so keen to please that they sometimes say what they think the researchers want to hear.

- Screening studies present a different type of challenge: to examine a representative sample of males. It's a problem because the men and older boys work from dawn to dusk in fields that are often a long distance from the village center.
- Participants are compensated for their time with black beans, rice, or household utensils. The children are given balls. But the researchers do not believe compensation is the villagers' primary motivation for helping with the studies. "These are trusting people," says Dr. Dowsett, "and we always treat them with consideration, so encouraging their return."



Fishing boats on Lake Atitlán. While it is beautiful to behold, the lake does not offer the village a bountiful supply of fish. A catch only occasionally supplements the vegetarian diet.

FACULTY, STAFF HONORED IDA SALUTES LORINDA COAN AND ARDEN CHRISTEN

Tom Meador



Award recipients Dr. Arden Christen and Ms. Lorinda Coan (seated) are joined by well-wishers, standing from left: IDA President Lloyd Hagedorn, Fort Wayne; IDA Executive Director Douglas Bush, Indianapolis; Dr. Lloyd Phillips, Indianapolis, a former IDA president who worked with Dr. W. Kelley Carr and others two decades ago to establish an IDA endowment fund for the IU dental school; and Dr. Lawrence Goldblatt, dean of dentistry, Indianapolis.



The IU School of Dentistry's top faculty awards in 1999 were once again bestowed by the Indiana Dental Association, and they were once again given to two highly qualified and deserving teachers: **Lorinda Coan**, lecturer in dental hygiene; and **Arden Christen**, professor of preventive and community dentistry.

The awards were presented at the school's annual teaching conference, held at McCormick's Creek in September.

Ms. Coan was named Outstanding Teacher of the Year. The IDA bases this

\$5,000 award on evidence of a candidate's excellence in teaching during the past year.

In her relatively short time on the faculty, Ms. Coan has established a solid reputation among her peers for her special commitment to excellence in dental hygiene education. She joined IU's faculty in 1993, originally on a part-time basis. She was appointed full time in 1996, shortly after she received a BS degree in health sciences education from the IU School of Allied Health. She currently is working on an IU master's degree in adult education. She is a certified instructor in cardiopulmonary resuscitation.

Educated as a dental hygienist (IU'81) and a dental assistant (Professional Careers Institute '74), Ms. Coan brings to her teaching position a great reservoir of enthusiasm for her students, an innovative teaching style, dedication to community service and continuing education, and a wealth of clinical skills developed through her many years in private practice as an allied dental professional.

Dr. Arden Christen was named Outstanding Faculty of the Year. The IDA gives this award, also in the amount of \$5,000, to a faculty member who has maintained a continuous record of quality teaching, scholarly activity, and service to the school.

Dr. Christen, a retired colonel in the U.S. Air Force, easily fulfills such criteria. A member of the faculty for 19 years, he has pursued a multifaceted teaching and research career and has garnered respect internationally for his work in smoking cessation.

A 1956 University of Minnesota dental grad with two master's degrees (IU'65, Ball State University '73), Dr. Christen is a prolific writer who has produced numerous books, articles, and monographs on the perils of tobacco and other topics. His endless fascination with dental history has spurred him to write several books on colorful characters from dentistry's past. He worked tirelessly a few years ago to bring a nicotine dependence program to the IU medical center. Now a co-director (with IU physician Stephen Jay) of the Indiana University Nicotine Dependence Program, housed at the Cancer Pavilion of the IU Cancer Center, Dr. Christen has treated hundreds of smokers and tobacco users. He has participated in several key research studies, such as those that led to market approval by the Food and Drug Administration of Nicorette gum and Nicoderm, a nicotine patch.

Dr. Christen shares his love of dental history with students, and each fall he arranges a compelling roster of speakers for the fourth-year dental students' year-long Current Concepts program. A perennial bundle of energy, he is always looking ahead to new projects that keep his career—and his perspective on dentistry—fresh and vital.

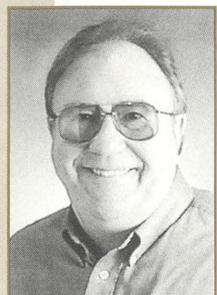
IUSD STAFF COUNCIL'S STAFF 1999 RECIPIENTS EXCELLENCE AWARD



Gayle Massa

Gayle Massa, *orthodontic clinic coordinator in the Department of Oral Facial Development*. Students of orthodontics, both pre- and postdoctoral, and the orthodontic faculty have been the fortunate beneficiaries of Gayle's outstanding contributions since she first joined the

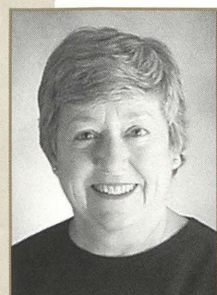
school in 1972. She says she stayed on in orthodontics all these years because she couldn't think of a better place to be. Her many colleagues would agree that Gayle's employment in orthodontics has given her the perfect forum in which to demonstrate her exceptional talent.



John Morgan

John Morgan, *manager of the dental school's Service and Supply Center*. He transferred to IUSD in 1979, after working in the IU Hospital Pharmacy for six years. To others on campus he is perhaps best known for his long-time contributions to the IUPUI Staff Council and

for his role as coordinator of a column titled "People at IUPUI" for *Campuscape*, IUPUI's main publication. At 1121 West Michigan Street, however, he is known for his unwavering dedication in assisting the departments with the processing and tracking of orders for the many hundreds of products and services of importance to the school's daily routine.



Shirley Shazer

Shirley Shazer, *histotechnologist in the Department of Oral Surgery, Medicine, and Pathology*. Shirley's expertise in the precision-driven work of histologic preparation has played an invaluable role in the research of hundreds of faculty members and

graduate students during a dental school career that began in 1956.

The daughter of the late Delton Shazer (DDS'25), Shirley has exhibited a commitment to this school that is difficult to match.

Barbara Rhodes, *senior technologist in the dental materials laboratory, Department of Restorative Dentistry*. When Barbara started working part time at IUSD in 1961, she walked to work from her westside home because she was still too young to drive. After graduating from high school she came on board full time, and has been an important contributor to the school's



Barbara Rhodes

research efforts ever since. She holds an IU bachelor's degree and is the co-author of several research articles written with IU faculty.

1999 TERA'S (Teaching Excellence Recognition Awards sponsored by IUPUI)

Oral Biology

John Chaves
professor of oral biology

Richard Gregory
associate professor of oral biology (School of Dentistry) and of pathology and laboratory medicine (School of Medicine)

Marilyn Lantz
professor of oral biology

Chris Miller
professor of oral microbiology (School of Dentistry) and of microbiology and immunology (School of Medicine)

Byron Olson
professor of preventive and community dentistry (School of Dentistry) and of biochemistry and molecular biology (School of Medicine)

Oral Facial Development

Jeffrey Dean
associate professor of pediatric dentistry and orthodontics

Ronald Hathaway
associate professor of orthodontics

Dennis Zimmerman
clinical assistant professor of pediatric dentistry

Periodontics and Allied Dental Programs

Elizabeth Hughes
instructor in dental hygiene

Evelyn Oldsen
associate professor of dental hygiene

Hunter Rackley Jr.
assistant professor of dental hygiene

Mary Leesa Rehmel
clinical lecturer in dental hygiene

Restorative Dentistry

Carl Andres
professor of prosthodontics

Timothy Carlson
associate professor of operative dentistry

Edward DeSchepper
associate professor of operative dentistry

Steven Dixon
assistant professor of operative dentistry

Lisa Hall
assistant professor of operative dentistry

Steven Haug
associate professor of prosthodontics

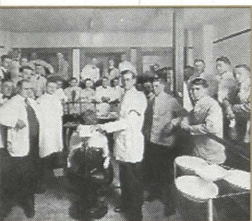
Rose Marie Jones
associate professor of prosthodontics

Joseph Legan
clinical associate professor of endodontics

Paul Reifeis
assistant professor of operative dentistry

1921

Senior students are allowed to insert a silicate filling during the final 8 weeks of school.



1922

New ruling provides that if a student uses more than 2 x-ray films in doing a root canal filling, he will be charged 25¢ for each extra film.

1923

Dean Henshaw warns faculty that dental school guidelines delineated by a newly established organization, the American Association of Dental Schools, and standards set forth in an effort to make dental education in the U.S. more uniform, will increase the cost of the dental program so dramatically that the College will be unable to survive as a privately owned institution.

HONOR SOCIETIES

Theta Chapter Sigma Phi Alpha Honor Dental Hygiene Society

Faculty Inducted in 1999

Lorinda Coan
lecturer in dental hygiene

Theta Theta Chapter Omicron Kappa Upsilon Honor Dental Society

Faculty Inducted in 1999

M. Thomas Barco
*associate professor
of prosthodontics*

James Hartsfield Jr.
*professor of oral facial genetics,
orthodontics, and medical and
molecular genetics*

Roger Isaacs
*associate scientist, Oral
Health Research Institute*

Jennifer Kugar
instructor in operative dentistry

OKU Honorary Member

Richard Gregory
*associate professor of oral
biology and of pathology
and laboratory medicine*

OKU Life Members

Malcolm Boone
*professor emeritus
of prosthodontics*

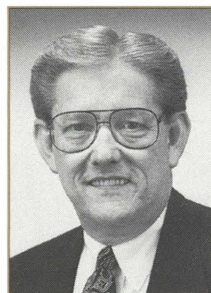
Drew Oldham
*associate professor
of prosthodontics*

William S. Kramer Award
(to outstanding third-year students)

Brian Harris
Jason McDaniels

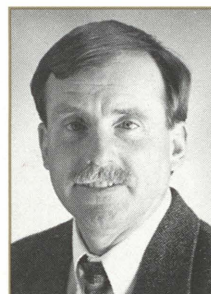
NAMES IN THE NEWS

Acting Chair. Dr. Chris Miller, associate dean for research and graduate education, assumed an additional administrative role during the 1998-99 academic year when he was named acting chair of the Department of Oral Biology, a position formerly held by Dr. Marilyn Lantz. Dr. Miller is a former longtime chair of the Department of Microbiology, which became a division of the new Department of Oral Biology when it was created in 1993.



Dr. Miller

Department of Health Names New Dental Director. Dr. Mark Mallatt, part-time clinical professor of preventive and community dentistry and of dental hygiene, has been appointed new director of the Indiana State Department of Health's Division of Oral Health. He steps into the role held for many years by part-time IU faculty member Dr. Charles Smith, who retired from the Department of Health in 1996. Dr. Mallatt was previously a full-time IU faculty member for 15 years. He joined the Department of Health full time in 1990 as its director of preventive dentistry. He is the author or co-author of numerous papers and abstracts in peer-reviewed publications, and has established an international reputation for his work as a consultant and clinical examiner for studies of importance to a variety of preventive dentistry issues. Dr. Mallatt has been the principal investigator, co-investigator, or clinical examiner in

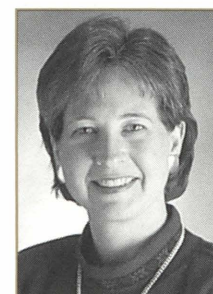


Dr. Mallatt

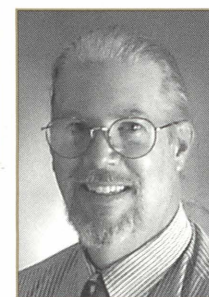
research projects supported by more than \$5.7 million in extramural funding. He currently chairs the Indiana Dental Association's Council on Dental Public Health.

Newly Recognized Specialists.

It's been more than a generation since the American Dental Association last identified a new dental specialty (endodontics in 1963), but another was added in October 1999, when the ADA voted to recognize the field of Oral and Maxillofacial Radiology as dentistry's ninth specialty. Of the 112 board-certified oral and maxillofacial radiologists in the nation, IU has two on its faculty: Dr. Edwin Parks, associate professor of dental diagnostic sciences; and Dr. Margot Van Dis, associate dean for student affairs and professor of dental diagnostic sciences.



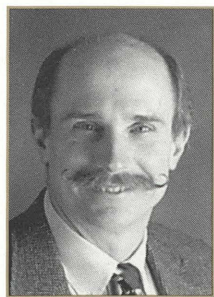
Dr. Van Dis



Dr. Parks

Expert Advice in Consumer Reports.

IU faculty member Bruce Schemehorn's name cropped up recently in the pages of *Consumer Reports*. Mr. Schemehorn, a research associate and assistant director of preclinical research at the Oral Health Research Institute, was among the scientists approached by one of the magazine's reporters for tips on dental health during a research conference in San Francisco, Calif. He explained the oral health benefits of chewing sugarless gum, referring to research studies conducted by the Institute and others that found significant reductions in dental decay in children who chewed sugarless gum daily for a period of two years. Gum stimulates saliva, which lowers acidity in the mouth, which in turn makes tooth surfaces less susceptible to dental decay. While the chewing of sugarless gum is an effective weapon in the fight



Mr. Schemehorn

against dental decay, Mr. Schemehorn told the reporter that it shouldn't be considered a substitute for that time-honored twosome: brushing and flossing.

National Appointment.

Gail Williamson, professor of dental diagnostic sciences, has been appointed by the Joint Commission on National



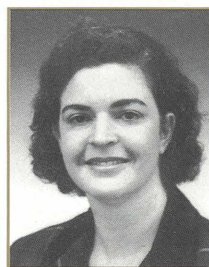
Professor Williamson

Dental Examinations to represent Radiology on the National Board Dental Hygiene II Test Construction Committee. Her one-year term began in January 2000.

Another Award for Dermatology Video.

The video "Examination of the Skin: Indiana University Skin Exam Series," has caught the attention of yet another panel of judges—this time winning an Award of Distinction in the Communicator Awards, 1998 Video Competition. Earlier in 1999 we reported that this video project, created by Dr. Ginat Mirowski, assistant professor of dermatology and oral medicine, won an international Bronze Telly Award. Now the video is being heralded by a panel of industry professionals who look for companies and individuals whose talent exceeds a high standard of excellence and whose work serves as a benchmark for the industry. The Award of Distinction is given to projects that exceed industry standards in production and communication skills. Dr. Mirowski's efforts were supported by Dr. Antoinette Hood, IU Department of Dermatology. The video, which is composed of a series of four programs, was produced by the Creative Services facility of the Medical Educational Resources Program/Continuing Medical Education, IU School of Medicine.

It is used as a teaching aid for IU physicians and medical and dental students. Dr. Mirowski joined the IU faculty in 1996. Educated as both a dermatologist and a dentist, she is jointly appointed at the IU schools of medicine and dentistry.



Dr. Mirowski

New Citizen. Maria Elvia Reyes-Martinez, a dental assistant in the pediatric dentistry clinic, Department of Oral Facial Development, was sworn in as a United States citizen during ceremonies held Downtown Indianapolis on June 24.

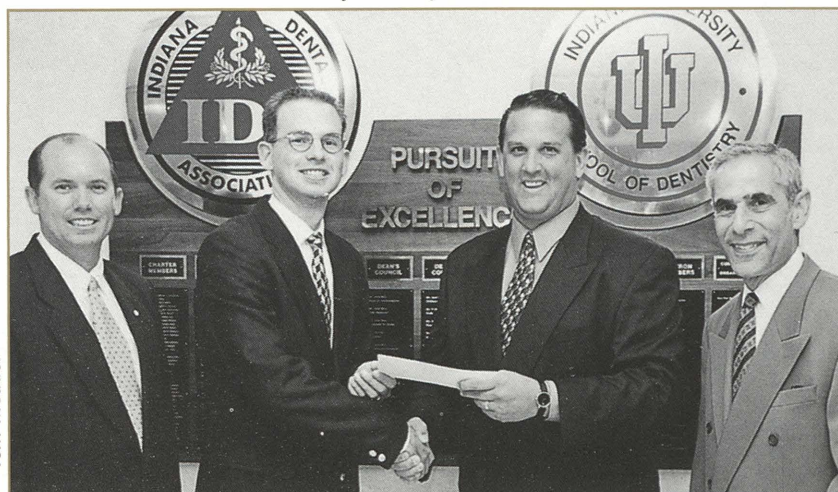
Elvia, who has been employed by IU since 1994, is originally from Mexico City, Mexico. "I'm very grateful to God and to the people of this great nation, which is indeed the melting pot and the land of opportunity," Elvia stated.



Ms. Reyes-Martinez

Pioneering Fellow. Pediatric dentistry resident Brett Quackenbush is one of three national recipients of the first Omnii Pediatric Dentistry Postdoctoral Research Fellowship. The new fellowship includes a \$5,000 stipend to be paid out over the 1999-2000 academic year. Dr. Quackenbush is conducting a study that compares a 2.26% fluoride releasing varnish to a topical 1.23% APF fluoride foam used to reduce secondary caries. He will report results of his project at the American Academy of Pediatric Dentistry annual session in Nashville, Tenn., in 2000.

Dr. Brett Quackenbush (center left) accepts his research fellowship from Mr. Kevin Thomas, co-chief executive officer of Omnii Products. Joining them are IU faculty member Dr. Jeffrey Dean (left), who oversees Dr. Quackenbush's research; and Dr. Lawrence Goldblatt, dean of dentistry.



Tom Meador

1923 continued

"There were 100 in my freshman class, about all military men. Eighty percent of the class had served in World War I. We made a rough time for our teachers since we were all mature, rugged veterans. ... My summer jobs during dental school included working out at the Prestolite Battery Factory, selling Hanover shoes, driving a team of horses, pulling a grader down to a building site on Keystone Avenue, and cultivating corn back in Illinois."—a dental school reminiscence by 1923 graduate William Fulton, Indianapolis, who is in his mid-90s when he tells his oral history to his nephew, Dr. Anton Sohn, a 1961 graduate of the IU School of Medicine.

1924

Temporary dental student Alfred Moss, of London, England, finagles a ride in the Indianapolis 500. He starts in 20th position and finishes 16th. (73 years later, Jack Miller [DDS'92]—known in racing circles as the “racing dentist”—makes his debut in the 1997 Indy 500, starting in 17th position and finishing in 20th. His key sponsor is Crest toothpaste.)



New graduate John White begins practice in Fort Wayne with his wife, Ruth, who proves to be a dynamo as a dental assistant and business manager. In their combination home/dental office above the Hoosier Grocery Store, the reception room of their dental office doubles as a living room in the evenings and on weekends.

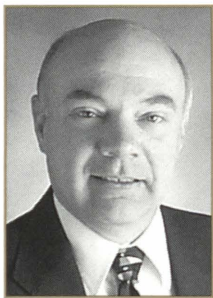
1925

To assure the College's future, the administration arranges for its purchase on June 1 by Indiana University. Now remarried, Maria Hunt Beeler and her husband sell the school to IU for \$35,000.

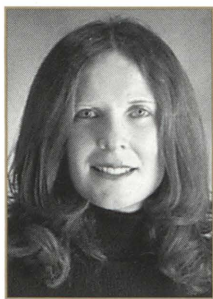
Class of 1925 is the 1st to receive IU diplomas. (Eventually all IDC grads are invited to have IU diplomas issued to them as well.)

Bulletin Takes a Prize.

The IUSD *Alumni Bulletin* received an award in the annual Journalism Competition sponsored by the International College of Dentists. It was accepted by Susan Crum, the school's director of publications and the *Bulletin's* managing editor, at the American Association of Dental Editors meeting in Waikiki, Hawaii, in the fall of 1999. The *Bulletin* was cited for using color and graphic design “to its best advantage.” The *Alumni Bulletin* holds two other journalism awards from the ICD. Other members of the editorial team include Jack Schaaf, associate professor of dental diagnostic sciences, editor; and Mark Dirlam, illustrator, and Tom Meador, photographer, both of the school's division of Dental Illustrations. In recent years the publication has been designed by HeldDiedrich Advertising Communications, Indianapolis.



Dr. Schaaf



Ms. Crum

Tom Meador



Main Lobby Refurbished. For a large part of summer session 1999, much of the dental school's first floor was the subject of a complete overhaul: new flooring, new ceiling—the works. During the gutted-out period of construction, employees, students, and patients navigated around the construction sites, waiting patiently for the place to take shape. Eventually it did, and thanks to two IUSD staff members, the newly refurbished lobby and patient waiting area sport some especially nice touches. Lovely wall hangings, dreamy and bucolic, abound, as do cascades of white flowers that are artificial but certainly don't look it. Discreet mini-blinds now shut out the sun whenever its rays grow too warm or too bright in the east bank of windows. Patients can sit and relax at a comfortable, oversized table while they complete paperwork. And a sleek new reception desk, with its handsome sea-green trim and multilayered countertop, seems to stretch on forever as it beckons and welcomes patients to the IU School of Dentistry. The “extra polish” on this strikingly attractive remodeling job has been applied primarily by Pamela Elliott, administrative assistant of clinical affairs, who arranged for the new furnishings; and Barbara Iwema, administrative assistant of the comprehensive care clinics, who employed her own exquisite taste in choosing the decorations. Together

Main lobby secretary and receptionist LaVerne Henderson (standing left) enjoys her spacious new desk and says that many patients have found the newly decorated lobby a pleasant surprise. Joining her, from left, are staff members Pamela Elliott and Barbara Iwema, whose creative touches helped bring style and comfort to the main lobby; and co-worker Karen Miles, a secretary/receptionist who periodically manages activities at the front desk.

they have created a contemporary environment for IUSD's patients and visitors that warmly invites them into the facility.

IU Textbook with Staying Power.

With the recent publication of its 7th edition, one of the best known textbooks in the country now surpasses all other pediatric dentistry texts in the nation in number of editions. *Dentistry for the Child and Adolescent*, co-edited by Dr. Ralph McDonald, IUSD dean emeritus and professor emeritus of pediatric dentistry, and Dr. David Avery, professor of pediatric dentistry, was first launched in 1969. (Its predecessor, *Pedodontics*, was published in 1963.) Dr. McDonald was sole editor for the first two editions, teaming up with Dr. Avery for the 3rd edition in

1978. Editions previous to the 7th have been translated into Spanish, Portuguese, Japanese, Italian, and Hindi. The book is once again published by Mosby, Inc. It draws on the expertise of 35 contributors, the majority of whom have ties to IU as dental alumni or as current or former faculty members.

Tom Meador



30-Year Success Story. Editors Ralph McDonald (left) and David Avery with the newest copies of their long-running textbook, *Dentistry for the Child and Adolescent*, and a row of previous editions.

Historical Merit and a National Prize.

Dental student Anthony Petrilli (DDS 2000) has been twice honored by the Indiana Section of the American College of Dentists for prize-winning essays, and now this talented writer has shown that he can fare just as well when competing at the national level. For his latest effort, an article titled "Transformation of the Middle Ages to the Modern Era: A Century of Triumvirate Italians Influencing the Dental Profession," Mr. Petrilli won the prestigious 1999 Bremner Award from the American Academy of the History of Dentistry. The award was announced at an Academy meeting held in Waikiki on October 7, 1999. After graduation Mr. Petrilli plans to return to his hometown of Buffalo, New York, to set up a general practice (and, we hope, to continue pursuing creative writing projects in his spare time).

HONORS AND COMMENCEMENT PROGRAMS ON OTHER CAMPUSES

(Commencement for students of dentistry on the Indianapolis campus was reported in a previous issue of the *Alumni Bulletin*.)

Indiana University South Bend

Dental Assisting Ceremony
May 13, 1999

Renee Nespo

- Instructors' Award for Scholastic and Clinical Achievement

Kristy Kaser

- Ralph G. Schimmele Award for Academic Excellence

Cynthia Sturgell

- Student Award
- Clinical Award for Excellence in Chairside Assisting

Alicia Gensinger

- Clinical Award for Excellence in Chairside Assisting

Dental Hygiene Ceremony
May 11, 1999

(awards given at the 24th Annual Dental Hygiene Alumni Reception, March 20, 1999)

Cindy Baines

- Excellence in Dental Hygiene Award

Denise Wesolowski

Tracy Burkart

- Dorthy Fromm Preventive Dentistry Awards

Roxanne Bowers

- A. Rebekah Fisk Award

Doreen Pienkowski

- Procter & Gamble Preventive Oral Health Award

Kelli Gumm

- Charles Hassel Community Service Award

Indiana University Northwest

Dental Hygiene Ceremony
May 5, 1999

Jamie Bright-Gorecki

- Highest Academic Achievement; presented by Juanita Robinson, director, Dental Education
- Hu-Friedy Golden Scaler Award; presented by Donna Krause, clinical assistant professor, Dental Education
- Lana Jo Podsadecki-Wild Award; presented by Nancy Anglis, past president, Northwest Indiana Dental Hygienists' Association
- Northwest Indiana Dental Society Scholarship Award; presented by Dr. Steven Holm, instructor, Dental Education

continued next page

1926

Indiana University School of Dentistry requires 1 year of pre dental education for admittance.

1927

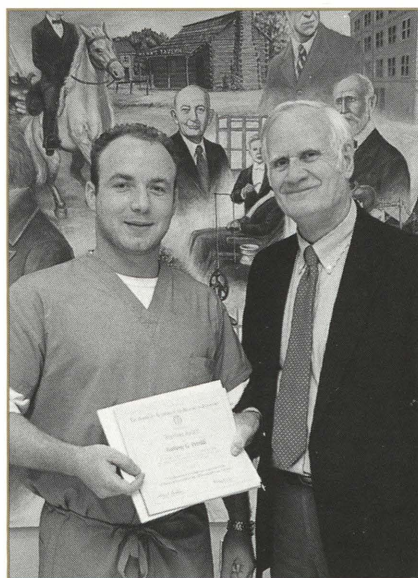
"The Pennsylvania car line passes the building, Illinois car line 2 blocks west, Central and Alabama car lines 2 blocks east."—entry in the academic bulletin praising school's convenient location at Pennsylvania and Walnut.

1928

"Much of the work in dentistry, and especially the care of children's teeth and specializing in oral prophylaxis, is peculiarly and particularly adapted to women."—entry in the academic bulletin touting the school's commitment to educating women as well as men.

1929

"Breakage, damage, and loss of School property must be made good by the student or students at fault. In case they are not known, it will be charged against the entire class or student body."—admonishment in academic bulletin to all potential bulls in the china shop.



Dr. Arden Christen (right), an IU faculty member representing the American Academy of the History of Dentistry, presents Mr. Anthony Petrilli with the Academy's Bremner Award.

Tom Meador

1930

"The cost of a year at college is thus shown to vary greatly with the student's manner of living. It may be said that with the present student body economy is the rule, not the exception. Probably most students spend (exclusive of railroad fare and clothing) from \$400 to \$550 a year."—entry in academic bulletin. (Estimated school and living expenses for incoming 1st year students for the 1999-2000 academic year: \$37,670 [residents], \$52,180 [non-residents].)

1931

Overseeing the education of a student body of 165 aspiring dentists are 1 dean, 4 Bloomington faculty members, 43 Indianapolis faculty members, and 8 staff.

Harry Healey graduates from the IU School of Dentistry. (A year later, he joins the faculty and over the next 4 decades establishes himself as an excellent teacher, researcher, clinician, and lecturer. He is a primary force behind efforts to gain American Dental Association recognition of endodontics as a specialty in 1963.)

**Danielle Armstrong-Moore**

- High Academic Achievement; presented by Professor Robinson
- A. Rebekah Fisk Award; presented by Ronda Henning, past president, Indiana Dental Hygienists' Association
- Procter & Gamble Award for Outstanding Periodontal Treatment; presented by Rita Jablon, visiting lecturer, Dental Education

Laura Tasky

- Academic Achievement; presented by Professor Robinson

Amanda Cory

- Edward W. Farrell Award; presented by Dr. David Guzek, instructor, Dental Education

Shana Pollock

- Outstanding Student in Dental Education Club; presented by Cinda Fife, instructor, Dental Education

LeeAnn Pierce

- Duneland Dental Hygienists' Association Scholarship; presented by Pauline Phillips, instructor, Dental Education

Amanda Brogan

- Clinical Faculty Professionalism Award; presented by Lynn Holm, instructor, Dental Hygiene

Laura Eich

- Oral Health Education Award; presented by Nancy Anglis

Carla Smiedzinski

(ASDH Class of 2000)

- Christine M. Newhard Memorial Scholarship; presented by Dr. Robert Moon, assistant dean and chairman, Allied Health Sciences

Indiana University—Purdue University Fort Wayne

Dental Laboratory Technology Ceremony May 7, 1999

Nanci S. Longbrake

- Highest Academic Achievement; presented by Fred Kilpatrick, representing award sponsor, Sullivan Dental Products
- Commercial Dental Laboratories of Indiana Scholarship

Andrew A. Liechty

- Best Individual Improvement in Dental Laboratory Performance; presented by Charles Champion, chair, Dental Laboratory Technology, for award sponsor, J.F. Jelenko Co.

LaTisa L. Schmidt

- Commercial Dental Laboratories of Indiana Scholarship

Dental Assisting Ceremony May 12, 1999

Gina Becraft

- Outstanding Overall Achievement Award; presented by Dr. James Jones, dean, School of Health Sciences
- Outstanding Dental Materials Award; presented by Deborah Stuart, instructor, Dental Assisting

Lori Manor

- Outstanding Overall Achievement Award; presented by Dr. Jones
- Practice Management Award; presented by Willie Leeuw, clinical supervisor and instructor, Dental Assisting

Joey Adam**Denise Marr**

- Clinical Excellence Awards; presented by Willie Leeuw

Mandy Renner

- Outstanding Radiology Award; presented by Connie Myers Kracher, chair, Dental Assisting

Nicole Miller

- Professional Attitude Award; presented by Professor Kracher

Jennifer Baer

- Most Improved Student Award; presented by Deborah Stuart

Dental Hygiene Pinning Ceremony May 2, 1999

Sue McCarthy

- Floyd R. Neff Scholarship Award; presented by Elaine Foley, chair, Dental Hygiene

Viki Anderson**Michelle Cavendar****Michelle Gerbers****Sue McCarthy****Derinda Smith**

- Outstanding Academic Achievement Awards; presented by Nancy Mann, assistant professor, Dental Education

Michelle Cavendar

- Oral Pathology Award; presented by Dr. Timothy Shambaugh, associate faculty member

Chrissy Ayala

- Gloria H. Huxoll Award; presented by Jacqueline Brian, professor, Dental Education

Derinda Smith

- Hu-Friedy Golden Scaler Award; presented by Mary Cooper, professor, Dental Education

Staci Bollenbacher

- A. Rebekah Fisk Award; presented by Lisa Driver, trustee, Indiana Dental Hygienists' Association (IDHA)

Viki Anderson

- Ruth White Award; presented by Judy Frey, former president, Alliance of the Isaac Knapp District Dental Society

Diane Bricker

- Colgate S.T.A.R. Award; presented by Ingrid Churchill, professional representative, Colgate Oral Pharmaceuticals

Christy Bieberich

- Isaac Knapp Dental Hygiene Education Award; presented by Jan Thomas, president, Isaac Knapp Dental Hygienists' Association (IKDHA)

Lisa O'Connor**Sara Johnson**

(ASDH Class of 2000)

- Isaac Knapp Dental Hygienists' Association Scholarships; presented by Janell Smith, scholarship chair, IDHA and IKDHA



SCHOLARSHIP AWARDS 1998-99 ACADEMIC YEAR

Dental Hygiene Students

A. Rebekah Fisk Memorial Scholarships

Kimberly Boger, 2nd yr
Jennifer Emmert, 2nd yr
Mindy Harmon, 1st yr
Jill Raag, 1st yr
Jacinda Sternaman, 1st yr
Misty York, 1st yr

Awarded for academic achievement. Named for IU's first director of dental hygiene. Ms. Fisk established IU's program on the Indianapolis campus in 1950 and served as director until her retirement in 1970. She died in 1982.

Sigma Phi Alpha Scholarships

Mindy Harmon, 1st yr
Gina Staab, 2nd yr

Awarded by Theta Chapter of the national honor society for dental hygienists. Recognizes leadership skills as well as academic and clinical performance.

Dental Students

Walter Ching Memorial Scholarship

Sean Hart, 3rd yr

New scholarship created to perpetuate the memory of a dental and pediatric dentistry program graduate Walter Wah Yai Ching (DDS'63), a prominent dentist in Honolulu, Hawaii, who died in 1996. Given annually, by vote of the third-year dental class, to a classmate who exhibits outstanding leadership skills. Established by Dr. Ching's wife, Dr. Gwyneth Yim Ching, and the couple's four children: Brad, Cherene, Kwan, and Brent. Drs. Brad and Brent Ching are IU dental graduates, and Brent is currently an IU graduate resident in pediatric dentistry.

Garner Minority Student Scholarship

Samantha Jones, 3rd yr

New scholarship established for minority dental students by retired IU faculty member LaForrest Garner and his wife, Alfreida Garner, Indianapolis. Given in part for academic achievement to students who are in their second, third, or fourth year of study. Dr. Garner served IUSD as an administrator and orthodontic faculty member for nearly four decades. He retired as associate dean for minority student services in 1998. Samantha Jones is first recipient of the scholarship.

Robert J. Alber Memorial Scholarships

Eric Evans, 3rd yr
Christian Mazur, 3rd yr
Chad Shaw, 1st yr
Sherri Skiles, 4th yr

Named for a graduate of the IU School of Dentistry Class of 1947 who was a dentist in Ligonier. Dr. Alber died in 1970. Recipients must be residents or former residents of Noble, Elkhart, LaGrange, or Kosciusko counties.

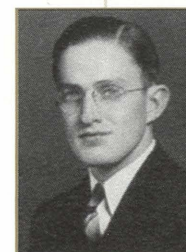
Guthrie Pullman Carr Academic Achievement Scholarships

Fartash Farkhondehkish, 3rd yr
Charles Hine, 2nd yr
Michael Wince, 2nd yr

Honors the memory of a 1915 graduate of the Indiana Dental College who practiced in Lafayette. Dr. Carr died in 1960. He was the father of IUSD dental graduates Drs. W. Kelley Carr, West Lafayette, and Guthrie E. Carr, Lafayette; and the grandfather of Dr. Guthrie P. Carr, West Lafayette.

1932

"It was the 9th dental school to be organized in America... Its graduates are to be found practicing in practically all civilized countries and in every part of the United States." (This entry runs in the academic bulletin for several years, but Indiana Dental College historian Jack Carr [DDS'39] records the IDC as the 19th school to be established in the U.S. and the 13th in existence when it began in 1879 [6 of the schools had already closed].)



"How to Prevent Toothache," one of Howard Raper's most influential articles, is published. (This article is later reprinted as a booklet by the Eastman Kodak Company, and millions of copies are distributed.)

1933

School moves to a new location on the IU medical center campus. The facility is the 1st one custom built for the school. Price tag: \$319,000.



1933 *continued*

The new facility houses a dental library on the 2nd floor. (The school's 1st librarian, Mabel Walker, serves from 1927 to 1942 and again from 1951 to 1966.)



Harvey G. Levinson Memorial Scholarship

James Blackburn, 4th yr

Given in part for academic achievement, and named in memory of a 1960 IUSD graduate and dental practitioner in Sherman Oaks, Calif. Dr. Levinson, who died in 1986, had practiced with his uncle, Irving Newmark (DDS'45). Award established in 1987 by Dr. Newmark, Woodland Hills, Calif., and Dr. Levinson's brother, Steven Levinson, Studio City, Calif.

Michael T. Wilson Memorial Scholarship

Uyen Tran, 2nd yr

Named in memory of a dental student from Columbia City who was in his third year of studies at the time of his death in 1983. Established by Mr. Wilson's family and friends, including his parents, Carolyn Wilson, Columbia City, and Dr. John Wilson, Deland, Fla.; and his sisters, Cathy Hunter, Columbia City, and Kimberly Egolf, Ligonier.

Omicron Kappa Upsilon Scholarships

Tyler Potter, 4th yr
Bryan Williams, 2nd yr

Given by Theta Theta Chapter of OKU, the national honor society for dentists. Mr. Williams received his award for maintaining the highest grade point average in the Class of 2001 during his first year of study, and Mr. Potter received his for earning the highest GPA in the Class of 1999 during the first three years of dental school.

Johnson Public Health Scholarship

Alpha Omega Dental Fraternity

Created in 1975 by Dr. Donald Johnson, a 1956 IU dental graduate residing in Carmel, Ind. Named for Dr. Johnson's parents, Frank R. and Jessie B. Johnson, and awarded to students or student organizations that demonstrate a commitment to public health dentistry.

George A. Welch Memorial Scholarship

Scott Tate, 4th yr

In memory of a longtime Rockville dentist and an IUSD Distinguished Alumnus (DDS'51) who died in 1992. Presented to a fourth-year dental student who has outstanding personal qualities and an interest in general dentistry. Established by Dr. Welch's friends and family, including his wife, Frances Welch, Rockville; son, Dr. David Welch, Edmond, Okla.; daughter Nancy Witty, Rockville; and daughters Christine Lindsey, Washburn, Wis., and Dr. Mary Ruth Staadt, Rockville, who are graduates of IU's programs in dental hygiene and dentistry, respectively.

IUSD Alumni Association Scholarships

Justin Ahoyt, 3rd yr
Yazdan Alami, 2nd yr
Spencer Bailey, 3rd yr
Robert Barrick, 1st yr
Malek Fansa, 3rd yr
Erin Jo Fuson, 1st yr
Andrew Garabedian, 3rd yr
Sara Graham, 1st yr
Donald Liberty, 3rd yr
Cuong Luong, 2nd yr
Tam Thu Pham, 4th yr
Matthew Sprowls, 3rd yr
D. Scott Stucki, 1st yr

Awarded for academic achievement.

Elkhart County Dental Society Memorial Scholarship

Chad Stutsman, 2nd yr

Assists students of dentistry who reside in Elkhart County. Honors the memory of dentists who were members of the Elkhart County Dental Society.

Isaac Knapp Dental Education Foundation Scholarships

Heidi Goble, 3rd yr
Brad Weiss, 4th yr

Established in 1991 by the Isaac Knapp District Dental Society to aid students in their pursuit of a dental education. Funds one third- and one fourth-year student annually. Candidates must be affiliated with one of 10 counties (Adams, Allen, DeKalb, Huntington, Jay, LaGrange, Noble, Steuben, Wells, or Whitley).

Educational Opportunity Awards

Paul Chang, 2nd yr
Michael Dageenakis, 2nd yr
Cuong Luong, 2nd yr
Susan Oh, 2nd yr
Uyen Tran, 2nd yr

Sponsored by the IUPUI Graduate Office

Howard K. and Shizuko Maesaka Award

Brian Harris, 3rd yr

Awarded for excellence in preclinical technique in prosthodontics. Honors a 1926 IU dental graduate, who died in 1975, and his wife, who resides in Oahu, Hawaii. Their sons, Ray, Indianapolis, and Clifford, Venice, Fla., and grandson, Clifford Maesaka Jr., Sarasota, Fla., are all dental graduates of IUSD. Dr. Ray Maesaka is an IU professor emeritus of prosthodontics.

Milo V. Smith Memorial Scholarships

Jason Snapp, 3rd yr
Scott Tate, 4th yr
Ramin Tour, 3rd yr
Michael Wolf, 3rd yr
Kara Wulff, 3rd yr

Named for an 1896 graduate of the Indiana Dental College who practiced in Winchester. Dr. Smith died in 1943.

1934

Theta Theta Chapter of Omicron Kappa Upsilon national honorary dental society is formed at the school.

1935

U.S. Public Health Service designates IU as a research center for the study of dental diseases of children. Federal government equips a children's clinic with 15 modern dental units.

1936

Children's clinic is established as a separate clinical unit, under the direction of Drexell Boyd (DDS'34).



Martha Louise Kutka Memorial Scholarship

Lisa Foerster, 1st yr

Established in 1981 by family and friends of the mother of Portage, Ind., dentist Laura Kutka Hannon, a 1980 graduate of IUSD. Presented to women in dental and medical school and given in part for academic achievement.

Graduate Students

Indiana University Fellowship

Scott Norton, endodontics

Given by the Fellowship Subcommittee of the IUPUI Graduate Affairs Committee to recruit outstanding students in research programs based at IUPUI.

Scholarships for Second-Year Orthodontic Students

(provided by the Carl W. Edds, Prentice Foundation, and Gordon R. Arbuckle Scholarship funds)

**Marcela de la Rosa
Christopher Jordan
Marc Olsen
Mattheos Sanoudos
Greg Werner**

The Edds scholarship is given in memory of a 1957 dental graduate of IU who was an Indianapolis orthodontist and a part-time IU School of Dentistry faculty member. He died in 1985. Established in that year by Dr. Edds' wife, Jeannie Edds Hart, and children.

The Prentice scholarship was established in 1971 by Wilson Prentice (DDS'39) and his wife, Rosemary Husted Prentice, Jeffersonville.

The Arbuckle scholarship honors the memory of a graduate of IU's dental and orthodontic graduate programs, an Indianapolis practitioner, and an IU educator who served on the orthodontic faculty from 1970 to 1989 as a part-time teacher and as a full-time assistant professor from 1989 until his death in 1996.

Henry M. Swenson Periodontic Scholarships

**Seok-jin Kim
Aldo Sordelli**

Named for and established in 1977 by an Indianapolis periodontist, part-time faculty member at the IU School of Dentistry, and past president of the American Academy of Periodontology. Awarded annually to two graduating periodontic students who have demonstrated clinical and academic excellence and are in the upper third of their class.

I. Lester Furnas Memorial Scholarships

**Walter Co Lim
Patrick Van Derhei**

In memory of an Indiana Dental College graduate and teacher, and leader in prosthetic dentistry. Originally of Lynn, Ind., Dr. Furnas served on the IDC faculty until 1920. He retired from his post as a teacher at Western Reserve University in 1938 to conduct a prosthodontic practice in LaJolla, Calif. He died in 1985. Award established by Dr. Furnas' family and presented to the most outstanding prosthodontic students in the first year of study.

John F. Johnston Scholarship Awards

**Patchanee Rungruanganunt
Gary Plymale**

Named for and established in 1965 by a dental alumnus of the Indiana Dental College, graduate of IUSD's dental materials program, and longtime chair of IU's Department of Crown and Bridge and Partial Denture Prosthodontics. Dr. Johnston died in 1977. Award perpetuated with contributions from alumni of IU's graduate prosthodontic program and other friends. Given after completion of the program in recognition of clinical and academic excellence during the entire three years of study.

Carl J. and Ida A. Andres Scholarship for Prosthodontics

H. Winslow Rogers III

Named for and established in 1999 by an IU faculty member and his wife. Dr. Andres is a professor of prosthodontics, director of the school's graduate program in prosthodontics and maxillofacial prosthetics, and a national leader in the specialty. Awarded to students in prosthodontics or maxillofacial prosthetics in part for being academically gifted and for establishing an outstanding rapport with faculty, staff, students, and patients.

G.R. Baker Fellowship Award

John Wells

Named in memory of a 1966 graduate of IU's pediatric dentistry residency program. Dr. Baker, of Lexington, Ky., died in 1971. Established by his classmates on behalf of the IU Pediatric Dentistry Alumni Association. Given at graduation to the pediatric dentistry resident voted by classmates and faculty as possessing the best attitude and ability.

Ralph E. McDonald Scholar Award

Adam Pollock

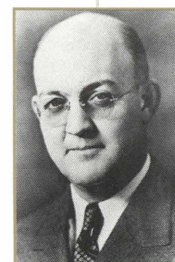
Named in honor of Dean Emeritus McDonald, Indianapolis, a national authority in the pediatric dentistry specialty who presided for many years as chair of IU's Department of Pediatric Dentistry. Dr. McDonald served as dean from 1968 to 1985. Award is given for academic achievement to a pediatric dentistry resident at graduation.

1937

"Indiana University School of Dentistry Hall at the YMCA offers School of Dentistry students a special rate of \$40 per semester for a room with hot and cold running water. This rate also includes full use of YMCA privileges including shower baths, swimming pool, and club features. Moderate-priced food service is an added attraction."—entry in academic bulletin.

1938

Dean Henshaw dies, and Gerald Timmons (DDS'25) becomes acting dean.

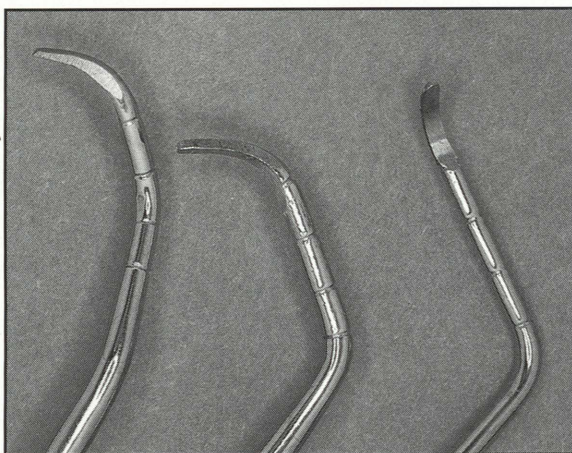


Timmons

1st issue of the *Alumni Bulletin* comes off the press, with John Wilson (DDS'12) serving as editor.

timeline continued on page 39

Photos by Tom Meador



Marcia A. Urban



Urban's Renewal

Calibrated and ready for double-duty, a newly designed dental scaler prepares to 'measure up' as it finds its way into the marketplace. The creative force behind this instrument is IU-Northwest dental hygiene graduate and inventor Marcia A. Urban.

by Susan Crum

The Internet, a master at broadening horizons, can just as handily shrink the world when you need it to.

To invent a new type of periodontal scaler, Marcia Urban (ASDH'88), a dental hygienist living in Palm Harbor, Fla., used her Internet access to skip over the hundreds of miles separating her and a patent attorney in Chicago; an instrument company in Chicago; experts in the U.S. Patent Office in Washington, D.C.; a market-

ing specialist at Indiana University School of Dentistry in Indianapolis; and a dental manufacturer in Columbus, Ind.

Marcia launched plans for her invention in the winter of 1995. By the summer of '99, her periodontal instrument had a form, a name, and a listing in the upcoming fall dental catalogs.

Called the Urban Scaler, the instrument combines the precision of a curette with the calibrations of a periodontal probe. In addition to including all of a scaler's usual features, this instrument has a series of indented, annular markings that measure the depth of space between a tooth and its surrounding tissue.

Intended to double-check previously probed areas instead of to replace the probe itself, the scaler can help to assess the periodontal condition of a patient, says the inventor, who cites an example from her own experience.

"In our office, the dentists examine patients first, completing the periodontal measurements, before the dental hygienists perform cleanings," Marcia explains during a visit to the dental school in August 1999. "While I was cleaning the teeth of a new patient in 1995, after scaling an area it felt deeper than what the dentist had noted in the chart. When I removed the curette and measured the depth with a probe,

I discovered that the pocket was in fact much deeper. The dentist's probe might have hit on a piece of tartar, or maybe the angulation of the instrument wasn't right. Picking up my scaler once again, I wondered to myself: For the sake of convenience, why don't scalers have millimeter marks on them too?"

Thinking that such an instrument must surely exist already, Marcia pored over catalogs and called dental manufacturers. Finding nothing, she entertained the thought of inventing her own.

Reluctant to spend the thousands of dollars it would take to go through the patenting process, Marcia talked matters over with her husband.

"He doesn't have a dental background, although he's getting one through osmosis," Marcia says of husband, Charles Urban, who manages a car dealership. "With degrees in accounting and computer technology, Charles is very business-minded. He asked me how mad I would be if—five years after I conceived this idea—someone else came out with the scaler. 'Would you be ten-thousand dollars worth of mad?' he asked. 'Twenty-

thousand dollars worth of mad? Can you put a price on how you would feel?" His questions really made me think."

Deciding that the most expensive mistake of all would be to let a unique opportunity slip through her fingertips, Marcia lined up some extra dental hygiene jobs to help defray costs and then contacted a patent attorney in Chicago through a friend.

"I faxed him a lot of 'imagine this' drawings," Marcia says of her attempts to illustrate the calibrated scaler. "It was complicated, but we worked our way through it."

In fact, the patent procedure wasn't nearly as long and drawn-out as Marcia expected. After a likeness of the scaler was rendered on paper by a professional artist and the application was submitted to the U.S. Patent Office, Marcia was asked to make only a few minor amendments to the description of the instrument. She received her patent just 18 months from the date of application.

Her attorney's change of jobs probably aided in the speed with which she obtained the patent, Marcia concedes.

"My attorney moved from a medium-sized law firm specializing in patents to one of the largest firms in the country for corporate law," she says. "His new firm didn't normally work with individuals, so I was a test case. It was amazing—I had a team of 12 people working on my patent."

Marcia found a dental instrument retipping company in Chicago to make a scaler prototype, which she quietly put to use in her dental hygiene practice.

Realizing that she might have to take some time off her job to attend dental conventions if she was going to get the word out about her scaler with any degree of success, Marcia finally told Dr. Marsha Mullett, one of her employers, about her patent.

"Dr. Mullett had a strange look on her face while she listened to me describe the scaler," Marcia recalls. "She finally said to me: 'But that

instrument is already out!' With those words, my heart stopped."

Picturing two years of work and thousands of dollars sliding toward the drain, Marcia fearfully queried Dr. Mullett: "Where have you seen the scaler?"

"Well, on *your* trays, right here in the office!" was the baffled dentist's reply.

Marcia recovered her composure and explained that the instrument was none other than her own prototype she had been experimenting with. Her employers were delighted to learn that Marcia had invented a dental instrument. "Both of the dentists I work with are happy for me, and are very supportive of my efforts," she says.

But Marcia's biggest challenge still lay ahead: Finding a company willing to turn the prototype into a real instrument.

She began with a letter-writing campaign to numerous manufacturers. Mixed in with a lot of flat-out rejections to those letters were several replies from companies who said they liked the concept but weren't financing new projects at the time.

While fielding these "thanks, but no thanks" missives, Marcia worked off her frustrations by jogging. "Running clears my head and helps me re-focus on problems," she says. "Returning home from a run, I'd once again be resolved that the scaler was going to work—one way or another."

A random hit on the IU Web site linked Marcia to Jude Wilkinson, the dental school's technology transfer specialist. "I decided to try sending an e-mail to the IU Alumni Association," she explains. "It was forwarded a few times through the University system. People at IU who received my e-mail were nice enough to tell me that, although they couldn't help me personally, they would forward my request to someone who might be able to. Helpfulness like that is a Hoosier trait."

continued next page

About the Inventor

A Floridian since 1990, Marcia (Millington) Urban was born and raised in Portage, Ind. After receiving her associate of science degree in dental hygiene from the IU Northwest program in Gary in 1988, she practiced for a year and a half in a dental office in Merrillville.

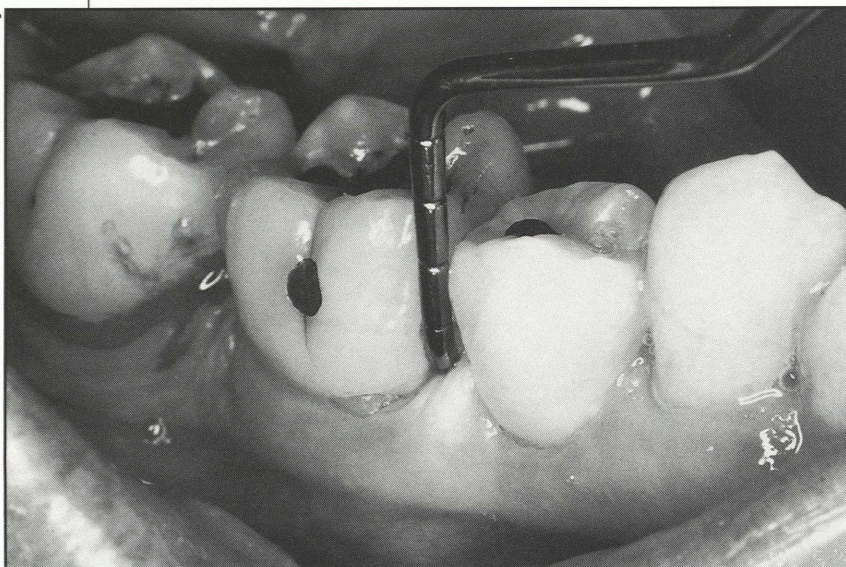
Marcia relocated to Florida when she married Charles Urban, also formerly of Portage. She accepted a dental hygiene position in the office of Drs. Daniel and Marsha Mullett in Clearwater in 1990 and has been with them ever since. "I couldn't be happier with my job," she says. "The Mulletts are excellent dentists."

Nothing in Marcia's background suggested she had an inventor lurking within. "As a child I liked to read and play with Barbie dolls—very typical stuff," she says.

One particular characteristic of Marcia's did blossom over the years, though: her ability to pinpoint a worthy goal and pursue it with unwavering energy. "I knew the calibrated scaler was a good idea," she says firmly. "When some of the people I asked assistance of told me 'no,' I began to realize that 'no' doesn't automatically mean 'you don't have a good idea.' Often it means 'I just don't have time to help you right now.'"

Marcia loves all the outside activities that life in Florida affords her, Charles, and their 85-pound Labrador retriever, Buck. The couple frequently return to Indiana to see family and friends, and Marcia still keeps in touch with five of her 11 dental hygiene classmates.

Alumni who would like to talk to Marcia about her invention are welcome to e-mail her at Urban5676@aol.com. She also has a Web site: URBANSCLER.COM.



'Notches' Above the Rest. *The calibrated Urban Scaler is designed not only to remove calculus and plaque from patients' teeth but also to catch periodontal trouble that the probe might miss.*

priced at about \$20, the same as other scalers. "I'm hoping dental and dental hygiene practitioners will understand that, for the same money, this scaler equips them with more information while they treat

The e-mail message finally arrived at Jude Wilkinson's address. Having been with the dental school only a few weeks at that time, Jude instantly set about the task of communicating with potential manufacturers on Marcia's behalf.

The contract Marcia signed with IU allows the inventor to recoup the money she invested in the patent and prototype before IU takes a small percentage of profits from future sales. It's an agreement that pleases Marcia: "How could you turn down the opportunity to have your school backing you?"

Phone calls, faxes, and e-mail messages zipped back and forth between Marcia's home in Florida and Jude's desk in Indianapolis until a manufacturer was identified. Marcia signed with Midwest Orthodontics, Columbus, Ind., in July 1999. A couple of weeks later, she was in Indianapolis to meet Jude face-to-face for the first time in their two-year relationship. "The miracle of technology," Marcia says with a laugh.

Now on the market and protected by the patent till 2015, the Urban Scaler is

their patients," says Marcia.

As she anticipates the fate of her scaler in the marketplace, Marcia advises would-be inventors to be patient—and to steel themselves for an emotional roller-coaster ride. "Frustration keeps you from sleeping when nothing's happening—and excitement keeps you from sleeping when something is!" she warns. "I went for long periods when nothing was going on, and then everything seemed to happen at once. Suddenly I'd realize I was worlds away from where I had been just one day earlier in terms of progress. Then, again, it was wait, wait, wait. It's hard to think about anything else."

But, looking back, she doesn't regret a minute of the years she devoted to making the scaler project fly. "I've been fortunate throughout this whole process," she says. "One of the best surprises was discovering how nice and helpful total strangers can be. People were very willing to share information—including those I pitched questions to at Web sites—and to lead me to other good contacts."

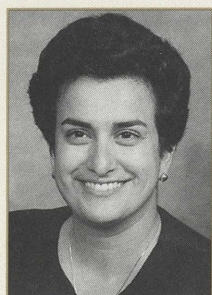
"Just when you think that society is going awry, you meet many people who are willing to bend over backwards to help you reach your goal," Marcia continues. "It touched me that everyone was so giving. Inventing the calibrated scaler has been a very rewarding experience for me."

Marketing Help from Your Alma Mater

IUSD graduates who are trying to find a market for a patented intellectual property are welcome to contact Jude Wilkinson (JD'89), technology transfer specialist at the IU dental school, for more information about the marketing services the school offers its alumni. Ms. Wilkinson can be reached by phone (317/278-3290) or e-mail (jawilkin@iusd.iupui.edu).

IUSD GRADUATES HEAD NATIONAL ORGANIZATIONS

Two IU School of Dentistry graduates stepped into national leadership positions of highly regarded dental organizations in the summer of 1999:



Dr. De La Rosa

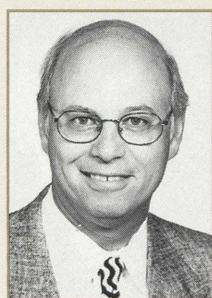
Rebecca J. De La Rosa (DDS'90), Avon, was elected president of the American Association of Women Dentists (AAWD). She is the first Hispanic woman to serve in this office.

Dr. De La Rosa launched her solo general practice in Avon soon after graduating from dental school. She has been active in organized dentistry throughout her career. She became affiliated with the AAWD as a trustee of District VII in 1992. In addition to her duties with this group, Dr. De La Rosa is an alternate delegate from Indiana to the American Dental Association annual session and a seven-year member of the Indianapolis District Dental Society's board of directors (1996-2003). In 1999 she was appointed by Governor Frank O'Bannon to a three-year term on the Indiana State Board of Dental Examiners.

In her fourth year of dental school, Rebecca received the Johnson Public Health Dentistry scholarship because of her participation in a number of community outreach activities. Over the past decade her commitment to volunteerism has not waned. She gives of her time and expertise for many causes. In 1998, she coordinated and designed clinic schematic and job descriptions for a 14-member dental/medical team undertaking a mission to Port Margo, Haiti. She presents dental educational programs for children in local schools and teaches CPR to students and faculty of the IU dental school. She also is a volunteer musician and vocalist at St. Malachy Church.

She has been a longtime judge at the annual Indiana Science Fair Finals, representing both the IDDS and Iota Sigma Pi National Chemistry Honor Society. She helped coordinate the IDDS's activities for Children's Dental Health Month from 1991 to 1997.

In her travels as AAWD president, Dr. De La Rosa has found much to be proud of in claiming IU as her alma mater. "When I was in dental school, I thought we were assigned textbooks written by IU faculty because we were IU students," she said with a smile during a recent visit to the school. "Now that I'm meeting dentists from all over the country, I know that we were reading IU textbooks because everyone else was too. Wherever I travel, it seems that someone asks me about one IU professor or another. IU's impact on dental education in this country is truly amazing."



Dr. Wright

John M. Wright (MS'77/Oral Pathology), professor and director of pathology in the Department of Diagnostic Sciences, Baylor

College of Dentistry, Dallas, was named president of the American Academy of Oral and Maxillofacial Pathology. In this role, he serves as the academy's chief executive officer, heads the group's executive council, and represents the interests of the academy and its members with various national constituencies.

"There is nothing more rewarding professionally than to be elected by my colleagues to the highest office within our profession," Dr. Wright said. "I am deeply honored by the confidence and respect my peers have shown me.

"I am excited about the prospect of leading our academy as we deal with the myriad of issues that face our profession," he continued.

After earning his dental degree from West Virginia University, Dr. Wright obtained his specialty training at IU in 1977. He then taught here for three years (and car-pooled with another young faculty member at that time: Dr. Lawrence Goldblatt, now dean of dentistry).

"I have wonderful memories of IU and Indy, and I have always felt that much of my success has come from my superb training there," Dr. Wright said. "I am deeply grateful to IU for my oral pathology education, and I am pleased to be a part of the IU family."

Dr. Wright accepted a full-time faculty appointment at Baylor in 1980, and has been teaching there ever since. He also maintains a part-time private practice in clinical oral pathology in Dallas.

He has contributed more than 70 publications to the scientific literature and has co-written textbooks on oral cancer and tumors of the head and neck. He lectures nationally and abroad, and is a fellow of the American College of Dentists.

"I am deeply grateful to IU for my oral pathology education, and I am pleased to be a part of the IU family."

1939

William Crawford, a 1923 University of Minnesota graduate, is appointed dean. After completing his obligations as professor of dentistry at Columbia University, he assumes his duties at IU on January 1, 1940.



"When I was in dental school, I thought we were assigned textbooks written by IU faculty because we were IU students. Now that I'm meeting dentists from all over the country, I know that we were reading IU textbooks because everyone else was too."

1940

22-year-old Ralph Phillips (BS'40) is brought onto the faculty by Dean Crawford to assist him with the teaching of a dental materials course and with his research on the development of plastics for use in denture bases and cementing materials. The 2 men turn a classroom across from the dean's office into a materials research laboratory and furnish it mostly with equipment designed and built by Ralph himself. (It won't be long before the Dean finds that this bright young college graduate can handle the new department on his own. Ralph Phillips develops an impressive body of research—and a philosophy that underscores the importance of identifying the clinical applications of laboratory findings. He receives an MS degree from IU and an honorary doctorate from the University of Alabama. Early on, he earns the respect of a global community of dentists and dental educators who recognize him as a dental materials authority without peer.)



EDUCATION LEADERS STEP DOWN IN 1999

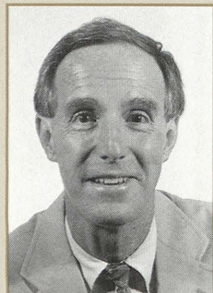
After 26 years as associate dean of clinical affairs at the University of Maryland Dental School, **John F. Hasler** (DDS'62, MSD'69), Baltimore, relinquished the role in September.

He joined the faculty of the University of Maryland after earning his IU degree in oral diagnosis/oral medicine. He is a former chair of Maryland's Department of Oral Diagnosis.

Dr. Hasler stepped down, but not away. He remains with the Dental School on special assignments for the dean, and he continues to serve as a consultant to dental schools.

Dr. Hasler has served the ADA on the Joint Commission on National Dental Examinations, the American Fund for Dental Health, the Council on Dental Education and Licensure, and the Commission on Dental Accreditation. He has served as clinical consultant to the Commission since 1974, and was a participant in drafting and revising the Predoctoral Standards for Dental Accreditation.

He has also served on special committees and task forces of the American Association of Dental Schools and is a former chair of the AADS Section on Clinic Administration.



Dr. Hasler

He and his wife, Judy, will continue to reside in Sparks, Md.

Former IU faculty member **James E. Vaught** (DDS'61), Johnson City, Tenn., retired in September from his long and diverse career at East Tennessee State University.

Dr. Vaught was appointed dean of the School of Public and Allied Health in 1983. He then began to develop new off-campus sites for the university as associate vice president of academic affairs. After that, as associate vice president for information services, he worked to create cost-effective management of all the university's information systems.

Turning next to medicine, Dr. Vaught served as interim chair of the Department of Psychiatry and Behavioral Sciences, as associate vice president for health affairs, and later as interim chair of the Department of Obstetrics and Gynecology at East Tennessee's James H. Quillen College of Medicine. He was named an honorary M.D.

He was also the university's founding chair of dental hygiene.

University President Dr. Paul E. Stanton Jr. called Dr. Vaught "one of the most multi-talented administrators in existence" when he retired. "The university greatly benefited from his presence on campus."

Dr. Ronald Franks, dean of the College of Medicine, added: "He taught me a tremendous amount about how to successfully take an idea from conception to completion, and in the process, develop consensus among those who would be responsible for implementing the new program or project."

During his tenure with IU, Dr. Vaught was assistant dean for dental auxiliary education. His innovations as a teacher of expanded functions received considerable national attention.

New Fellows

(inducted October 1999 in Honolulu)

AMERICAN COLLEGE OF DENTISTS

Regency 4, Indiana Section

Fellows

George Adams (DDS'74)
Nashville, Tenn.

Thomas Lapp (DDS'68)
Indianapolis

David Matthews (DDS'79)
Fort Wayne

Marc Smith (DDS'69)
Bloomington

Roland Ditto (DDS'69)
Lafayette

Bruce Raibley (DDS'73)
Evansville

We also heard of several others with IU ties who were inducted as fellows in other regencies:

Carlos Munoz-Viveros (DDS'82)
Loma Linda, Calif.

David Vandersall
Indianapolis, IU clinical associate professor of periodontics

Gayle Nelson (MSD'84/Pediatric Dentistry), Sioux Falls, S.D.

INTERNATIONAL COLLEGE OF DENTISTS

District 7 (Indiana and Ohio)

Regent: Charles Simons (DDS'68)
Kokomo

Deputy Regent:
Michael Koufos (DDS'86)
Munster

Fellows

Rebecca De La Rosa (DDS'90)
Avon

Ronald Duch (DDS'68)
Fort Wayne

We also heard that Daura Christopher Hamlin (DDS'76), Norfolk, Va., was inducted as a fellow in District 16.

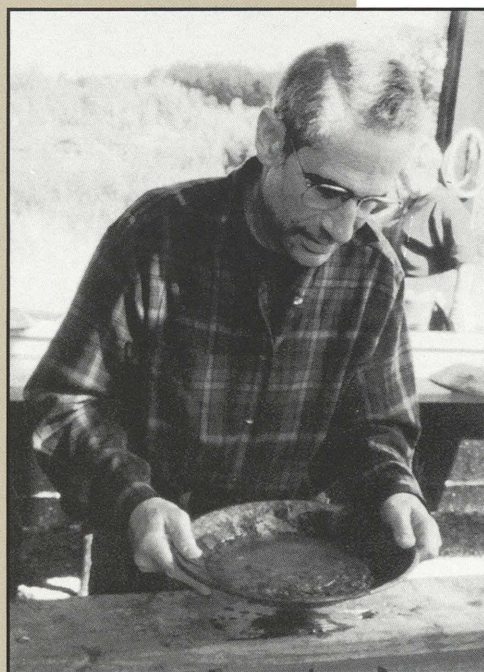
ALL ABOARD FOR ALASKA

Because of a unique opportunity arranged by leaders of the IU School of Dentistry Alumni Association, dental grads and their families spent a few days in the summer of '99 steeped in the grandeur and magnificent beauty of the 49th state.

The Alaska Cruise and Seminar, held June 23-July 4 exclusively for graduates of the IU dental school, was the brainchild of the IUSD Alumni Association's board of directors, headed at that time by President George Vail (DDS'69), of Indianapolis. The trip was split into two separate excursions so that alums could choose to participate in one or both parts of the adventure, depending on their own interests or schedules.

The first leg of the journey began on land in Fairbanks, moved on through the interior to Denali National Park, then on by private rail cars to Anchorage and finally Seward. For the second part of the tour, grads boarded the five-star m.s. Ryndam for a seven-day cruise through glacier-embraced fjords, with stop-offs at the coastal towns of Sitka, Juneau, and Ketchikan. Grads also were given the option of extending their cruise by another day if they wished to take in the sights of Vancouver and Victoria, British Columbia.

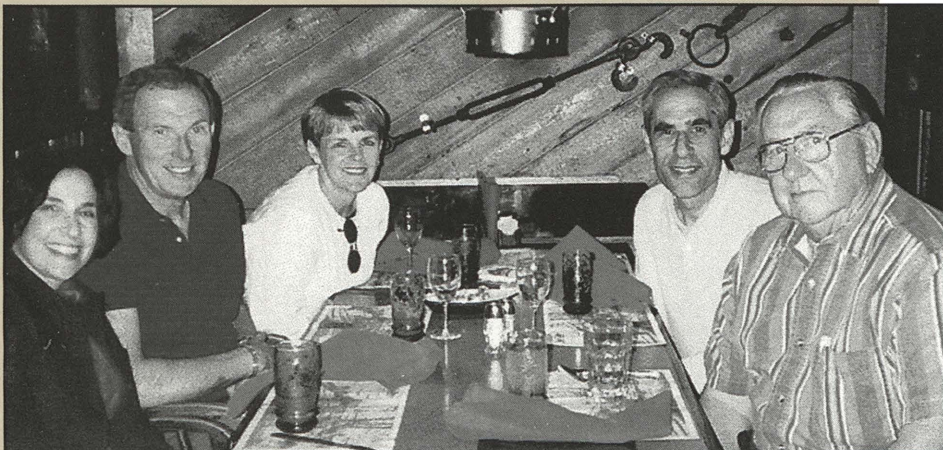
Eye-popping sight-seeing was just one of many diversions offered on this tour. Along the way there were gold mines to visit, nature trails to hike, rivers to raft, villages to explore, and seminars to soak up. The truly adventuresome could even fly to North America's tallest mountain, Mt. McKinley.



Lawrence Goldblatt (MSD'74), IU dean of dentistry, pans for gold for the fun of it (and not because he's trying to discover an alternative source of funding for the dental school, as Brady Hancock [MSD'74], the IU faculty member and resident leg-puller who shot this photo, would have us believe).

Alaska

Alumni Association President George Vail (second from left) and Dean Goldblatt are joined by their wives, Judy Goldblatt (left) and Bev Vail, along with former Alumni Association President Richard "Buck" Buchanan (DDS'51), of Salem.



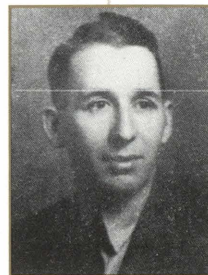
1941

IU's College of Arts and Sciences joins with the dental school in offering a course of study which leads to an AB or BS degree and the DDS degree in 7 years.

1942

Dental school accelerates its program to aid in the war effort. Military training exercises for students commence. Summer vacations are cancelled and a 3-semester academic year begins. 2 classes graduate, in May and December. (There are also 2 classes in 1944.)

IUSD Alumni Association President James Huckelberry (DDS'24) inaugurates the 1st annual Fall Dental Alumni Conference (not yet known by that name) and participates in all but 1 until his death in 1991.



Dental clinic in Riley Hospital is officially established. (There was a dental treatment facility at Riley in 1925, established with Indiana Dental Association funds attracted by faculty member J.B. Carr [DDS'05], Jack Carr's father. The clinic was staffed by volunteer dentists from the community.)

timeline continued on page 44

FRIEND OF THE SCHOOL (AND FORMER NEXT-DOOR NEIGHBOR)



The food was nothing to write home about, but the lady behind the counter at the College Inn was a big-hearted friend and mother figure to thousands of dental students for 43 years. **Bella Kennedy Gordon**, better known as “**Bea**” to her customers, died Nov 16, 1999, in Indianapolis. She was 84.

Today’s dental students have no idea that a restaurant used to be situated just a few feet from the eastside door in the original portion of the dental school. Bea managed the College Inn for L.Y. Mazzini from 1931 (two years before the dental school was built) until 1974, when the Inn was torn down.

Bea was beloved by dental students, in part for her adept storytelling and endless supply of corny jokes. [Example: A lot of people ate at the Inn and we had a lot of carry-outs (food, not customers).]

When asked to reminisce about the dental deans she met in her career, she said: “Dr. Timmons was very nice. When I went to Temple University, he and Dr. Buhler showed me through it. I tell

everyone I went through Temple University, never saying that I went in the front and out the back.”

Bea stayed in touch with her many dental school friends and even wrote an article for the *Alumni Bulletin* about a decade after the Inn was closed. In it, she recalled some of the more unusual orders her customers requested: “One medic (medical student—ed.)

had a burned hot dog (my specialty) and a lemon Coke for breakfast. ...a nurse had a peanut butter and jelly and mustard sandwich. One medic had 15 cups of black coffee during the day—no more, no less. One customer ordered a bacon, lettuce, and tomato sandwich on a bun, and we had to fold the bacon and the rest of the contents so none of it showed on the outside of the bun.”

The College Inn was frequented primarily by dental students, faculty, and staff after the school was relocated to the medical center campus. No matter what they ordered from Bea’s short-order kitchen, customers almost always found an extra helping of Bea’s affection heaped on their plates.

“When I look back over the years I wouldn’t trade all the memories and all the wonderful people I have met,” Bea told IU faculty member Paul Barton, editor of the IUSD newsletter, in 1971. “I can go on vacation in a lot of states and can always call or visit a dentist I’ve met in 40 years.”

Bea Gordon was preceded in death by her husband, Ross Gordon. She is survived by a daughter, Sally Ann Morton; two grandchildren; and three great-grandchildren.

FORMER STAFF MEMBER

Wanda Nevins Gregory died Sept 13, 1999. She was employed for five years in the 1990s in the dental school’s Central Sterilization division and Service and Supply Center. Her survivors include her children, David Gregory, Melodie Voils, Stacy Larrimore, and current IUSD staff member Kelly Green, who is employed in the Service and Supply Center; mother, Della Grubbs Leinback; and eight grandchildren.

FACULTY MEMBERS

Allan Katzberg, Carmel, died Sept 12, 1999. As a professor of anatomy, he taught medical and dental students until his retirement in 1984.

Dr. Katzberg taught previously at the University of Oklahoma, University of Saskatchewan, and Western Illinois University. He also was a research scientist for the Southwest Foundation for Biomedical Research in San Antonio, Texas. In 1960, while working with the U.S. Air Force Aerospace Medical Center, he studied the effects of space environment on human cells on the Discoverer XVII satellite, the first space flight to carry human tissue into orbit.

Dr. Katzberg was a founder of the Pan American Association of Anatomists. He held three degrees, including a doctorate from the University of Oklahoma.

He is survived by his wife, Betty; children, Lt. Col. Allan Katzberg, Susan Foster, Mary Jo Stinnette, and Lynne O’Neal; and 12 grandchildren.

William Keller (DDS’43), Indianapolis, died Sept 24, 1999. He taught periodontics part time at the dental school for several decades, resigning with the rank of assistant professor. He also maintained a private periodontal practice for 50 years, retiring in 1997.

Dr. Keller is survived by his wife, Josephine; children, Victoria Fraser, **Paul Keller** (DDS’78), and Eve Keller; and five grandchildren.

Willard Stamper (DDS'37), Bradenton, Fla., formerly of Indianapolis, died Oct 17, 1999. He had served as director of clinics for the dental school in the late 1950s and early '60s. During that time, he also practiced in Indianapolis. Before retiring, he owned a practice in Rising Sun.

He was an Army veteran of World War II.

Dr. Stamper's survivors include his wife, Vera; sons, Sam, Scott, and **Steve Stamper** (DDS'62); and nine grandchildren.

ALUMNI

- **1927 Bernard Kerkhove** (DDS), Camden, died Feb 26, 1999, at the age of 96. He had retired in 1979 after living in Camden for 72 years and practicing there for 52.

Dr. Kerkhove was preceded in death by his first wife, Laura, who died in 1951, and his second wife, Lurene, who died in 1992. He is survived by his sons, **Charles** (DDS'62) and **Peter** (DDS'70) **Kerkhove**, of Greenwood, Ind., and Laguna Beach, Calif., respectively; daughters, Mary Jo Barnard and Colleen Franek, both of Camden; 11 grandchildren; 16 great-grandchildren; and two stepgreat-grandchildren.

- **1928 Evelyn Kroot Berger** (DDS), Indianapolis, died Nov 11, 1999. She retired in 1976 after practicing in Beech Grove for 47 years.

She was the widow of **Leon Berger**, who was also her classmate in dental school. Her survivors include children, **Richard Berger** (DDS'57) and Jane Delman; brother, **Ralph Kroot** (DDS'32); eight grandchildren; and six great-grandchildren.

- **1939 Harold Mintz** (DDS), Munster, died Aug 10, 1999. He had practiced in East Chicago from 1939 to 1992.

Dr. Mintz was a dental surgeon in the U.S. Army during World War II. He served in the European Campaign, attaining the rank of captain, and was among the troops landing at Normandy Beach on D-Day. He was wounded in combat, and was later awarded the Purple Heart. He also earned the European Campaign Medal, Good Conduct Medal, and the WWII Victory Medal. He was among the first to liberate the concentration camps.

Dr. Mintz was a life member of the IU Alumni Association. In the early 1990s, he and his wife, Eva, bestowed the IU dental school with a major gift, which was used in part to acquire new equipment for the dental library's audiovisual room, including eight computers.

In 1991 IUPUI gave Dr. Mintz a Spirit of Philanthropy Award.

In addition to his wife, Dr. Mintz is survived by children, Mindy Mordecai, Baltimore, Md.; **Michael Mintz** (DDS'86), Flossmoor, Ill.; Judy Chesen, Centerville, Ohio; Carol Eikenberry, Westmont, Ill.; Ken Button, MD, Akron, Ohio; and Karen Kroczeck, Munster. He also was a grandfather to 15 children and a great-grandfather to two.

- **1944 Edward Bromm** (DDS), Evansville, died Sept 21, 1999. He was a dentist in Evansville for 45 years, and a past president of the Evansville dental society. He also served as an Indiana Dental Association delegate.

Dr. Bromm was a captain in the Dental Corps of the U.S. Army during World War II.

He was a life member of the IU Alumni Association and a recipient of the dental alumni's Distinguished Alumnus award.

His survivors include his wife, Ruth; children, Mary Ellen and Robert Bromm; and two grandchildren.

- **1947 J. Robert McKay** (DDS), Vevay, died Aug 17, 1999. He had retired in 1980 from his 27-year practice in Vevay. He also practiced for several years in Indianapolis.

Dr. McKay was a Navy veteran of the Korean War. He was a past president of the Switzerland County Board of Health and the Southeastern dental society.

He is survived by his wife, Helen; sons, John and Jeff McKay; and two granddaughters.

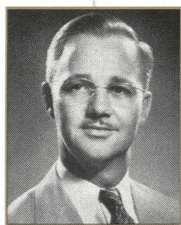
- **1952 William Shoemaker** (DDS), Osprey, Fla., died Aug 29, 1999.
 - **1955 Jackson Todd** (DDS), Marion, formerly of Indianapolis, died Dec 5, 1999. He retired in 1994 after practicing oral surgery in Grant County for 35 years.
- He was a 1957 graduate of IU's oral surgery program. He was a life fellow of the American Association of Oral and Maxillofacial Surgeons and a past president of the Indiana society of oral surgeons, Wabash Valley dental society, and the Great Lakes Society of Oral and Maxillofacial Surgeons.

Dr. Todd is survived by his wife, Sally; children, Kim Shelford and Jeffrey Todd; and two grandchildren.

- **1959 Wayne Abbott** (DDS), Martinsville, died Dec 18, 1999. He retired in 1998 after practicing 39 years. He was a member of the IU Varsity Club.
- Survivors include his wife, Sharon; sons, Steve, Glenn, and Craig Abbott; and four grandchildren.
- **1960 Donald Robinson Sr.** (DDS), Indianapolis, died Sept 8, 1999.
 - **1962 James Ford** (DDS), Whiting, formerly of North Salem, died Nov 29, 1999. He had practiced in Indiana and Florida.
- His survivors include his children, Kelly, Kathy, Tom, and Jordan Ford.

1943

Henry Swenson is appointed as an instructor in the departments of Oral Diagnosis and Histopathology. (Now in the Department of Periodontics and Allied Dental Programs, Dr. Swenson, professor emeritus of periodontics, continues to come out to the school every Wednesday. He is the longest serving member of the faculty in the history of IUSD. He helps Dean Hine create the school's Department of Periodontics and several of IU's allied dental programs. With 2 other gentlemen, he founds the Midwest Society of Periodontology. The license on his car identifies him as TOP GUM.)



1944

"I'm having a hard time writing this, keeping one eye on the airplanes and one on the paper..."—excerpt from a letter to the *Alumni Bulletin* written from "Somewhere in France" by James Zimmerman (DDS'43).

Dean Crawford hires Cleona Harvey as his new secretary.



RECORD GIVING TO IUSD PROPELS GROWTH IN ENDOWMENT AND OPERATIONAL FUNDS

by Paul St. Angelo,
IUSD Director of Development

Spurred on by record giving to Indiana University School of Dentistry, both endowed funds and operating funds grew substantially in fiscal year 1998-99. Gifts to the endowment jumped to more than \$1.2 million in 1998-99 as compared to \$394,000 in the previous year.

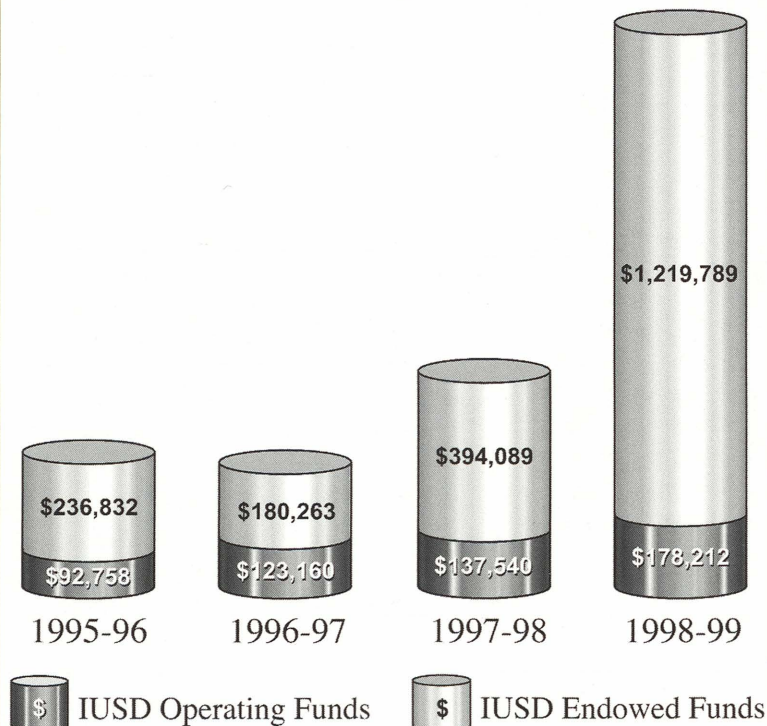
Also impressive was giving to the operation of IUSD's programs and departments. In the same period, these gifts rose to more than \$178,000 from the previous year's record of \$137,500. The graph at right shows the growth both types of funds have enjoyed over the last three-year period.

Endowed funds are established to support scholarships, professorships, and chairs at IUSD. As of July 1, 1998, there were 61 endowment funds set up for these purposes; by June 30, 1999, that number had grown to 72 funds. Giving to endowments rose by more than 309% last year and that was after the previous year's 218% endowment growth. In fact, most of the contributions went to faculty development efforts such as the professorships named for Dr. Ralph McDonald, dean emeritus of IUSD, and the late Dr. Joseph R. Jarabak, a benefactor of the orthodontic program in IU's Department of Oral Facial Development.

Operational funds are set up to support specific programs, projects, departments, and special initiatives at IUSD. Last year, giving to operations climbed by almost 30%.

IUSD Endowed and Operating Funds: Gift Comparisons

Mark Driam



That record was after an increase of nearly 12% the previous year.

Although almost all of the existing endowed and operational funds received some contributions, there were a number of funds that received record support. The endowed funds receiving the most contributions in 1998-99 were the Jarabak Professorship in Orthodontics, the Ralph E. McDonald Professorship in Pediatric Dentistry, the Dean's Council/Pursuit of Excellence Fund, the Gordon R. Arbuckle Endowed Fund, and the Graduate Endodontics Support Fund.

Similarly, the operational funds receiving the most support last year were the Dental School Priorities Fund, the Dental School Telefund, the Oral Biology Priorities Fund, the Carla Totten Dental Hygiene Fund, and the Preventive Dentistry General Fund.

WHERE THERE'S A WILL, THERE'S A WAY

by Darcey Weaver, Assistant Director
of Planned Giving Services, Indiana
University Foundation

While a will helps organize your assets, it also provides an occasion for generosity. A gift through your will gives you an opportunity to provide future support to the Indiana University School of Dentistry in a way that might seem impossible today because of current expenses, like house payments or hospital bills. In addition, often times your gift to IUSD will not diminish the amount you are able to leave your loved ones, but will only diminish the amount you give the government in taxes.

A will is a document through which you direct the distribution of your estate. A bequest is a provision through which you direct a specific part of your estate to be distributed to a specific person or institution. There are several ways to leave a bequest to the School of Dentistry. Here are some examples.

General: You direct a specific dollar amount, a lump sum of money. This type of bequest is very popular, largely because it's straightforward and simple.

Specific: You designate property, such as specific stock, real estate, or even your dental practice, to IUSD. This differs from the general bequest only in that you are giving specific property rather than money.

Residuary: This type of bequest allows you to give all or part of your "residuary assets" to the School of Dentistry. Your "residuary assets" are those assets remaining after your debts, taxes, expenses, and specific bequests have been paid. This allows you to satisfy all of your financial obligations, personal and otherwise, and still support the school.

Percentage: You bequeath a percentage of your whole estate or residuary estate. In other words, you would document that, say, 50 percent of your estate be given to the Indiana University School of Dentistry. In this case, if the value of the assets of your estate changes, your bequest will change in the same proportion. This method assures that all the people and institutions you wish to help are proportionately provided for, despite any fluctuations in your estate's value from the time you write your will until your death.

Contingent: With this form of bequest, you assign a "back-up beneficiary." This ensures that your assets go to IUSD in the event that the original beneficiary dies before you. This may prevent the government from distributing your property upon your death.

In Trust: After your death, if income is needed for a surviving spouse or others, you can direct that the bequest establish a charitable remainder trust. Here is an example:

Bill would like to make a substantial gift to the Indiana University School of Dentistry through his will but is concerned that his wife, Mary, will need the income from his estate. The solution? Bill directs in his will the creation of a trust that will make annual payments to Mary for her life, and at Mary's death, pay the principal to the dental school. The trust qualifies for the marital deduction in Bill's estate and for the charitable deduction when the school receives the trust's assets at Mary's death.

Despite the benefits of preparing a will, more than 70 percent of adults die without one, leaving the distribution of their assets to their state government.

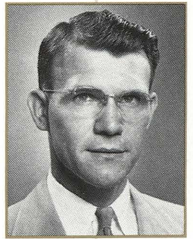
A will clearly expresses how you wish to distribute your estate. It can: benefit your loved ones; keep government from taking control of your assets; and offer you an opportunity to make a gift to the Indiana University School of Dentistry, helping IUSD provide the best dental education available.

1945

Dean Crawford accepts deanship at University of Minnesota.

After 1 year on the faculty, Maynard Hine, a 1930 dental graduate of the University of Illinois, is promoted to dean. With a salary of \$5,000, he is the highest paid man on the faculty.

Dr. Hine hires his 1st staff member as dean of the school: Richard "Scotty" Scott, who will direct the photography department. (Beginner's luck? Mr. Scott provides dedicated service for 40 years, until his retirement on June 30, 1985.)



1946

Ralph McDonald is discharged from his position as a dental officer in the U.S. Navy Dental Corps on April 1, the same day he accepts an appointment on the IU faculty as an instructor in the children's clinic.

Dental school returns to its normal 2-semester program in the summer.

1947

School awards its 1st graduate degree to Morris Stoner (DDS'42), in the subject of orthodontics.

...often times your gift to IUSD will not diminish the amount you are able to leave your loved ones, but will only diminish the amount you give the government in taxes.

1948

ruhamah hannah, staff member and author of the *alumni bulletin* column "odd-entities," writes the last of the columns in which she employs a stream-of-consciousness style without benefit of paragraphs or uppercase letters. in her 1st column in '49, she admits to making the change only after succumbing to her critics.

1st major remodeling of dental school begins: basement is excavated for locker rooms and library stacks; main portion of library is moved to the 1st floor; a 3rd floor postgraduate clinic is constructed; and an elevator is installed.

1949

Tissue diagnostic service is established by the Department of Oral Histopathology and is offered to all Hoosier dentists.

1950

IU's 1st dental hygiene certificate program is established under direction of A. Rebekah Fisk. (The program's 1st 7 students graduate 2 years later.)



DONOR ROLL CALL

RECOGNIZING GIFTS GIVEN TO THE IU FOUNDATION FOR THE INDIANA UNIVERSITY SCHOOL OF DENTISTRY FROM JULY 1, 1998 TO JUNE 30, 1999

(Gifts over \$200,000)

Anonymous

Dr. Joseph Jarabak Estate

(Gifts between \$10,000 and \$199,999)

Dr. George A. Adams

Dr. Steven C. Beering

Dr. Donald J. LeBlanc

Dean's Associates
Platinum Society

(Gifts between \$5,000 and \$9,999)

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Dr. Richard H. Burns Jr.

Dr. Alvin H. Chung

Dr. Genrikh Gandelsman

Dr. Burton A. Horwitz

IU Orthodontic Alumni

Association

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Dr. and Mrs. Brian D. Lee

Dr. and Mrs. John C. Pfefferle

Mrs. Maryam Z. Ritchie

Dr. K. Douglas Schmidt

Dean's Associates
Gold Society

(Gifts between \$2,500 and \$4,999)

Drs. David Avery and Susan Zunt

Drs. Kenneth and Carol Braun

Dr. Toshio Deguchi

Dr. and Mrs. E. Brady Hancock

Dr. Gregory A. Hardin

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Oral & Maxillofacial Surgeons

South Central Dental Society

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Dr. Donald R. Walker

Dr. James A. Weddell

Dean's Associates
Silver Society

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Adolescent & Pediatric Dentistry

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Dr. Wes Allai

American College of Dentists

Dr. and Mrs. Donald E. Arens

Dr. Bernard J. Asdell

Dr. Robert S. Austgen

Dr. John R. Barbour

Dr. Robert T. Bergman

Dr. Richard W. Blake

Dr. Harry E. Bopp

Dr. and Mrs. Stephen R. Branam

Brandywine Dental Group

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Dr. John E. Buhler Jr.

Drs. John H. Campbell and Heidi Crow

Dr. Guthrie P. Carr

Dr. Thomas P. Cavanaugh Jr.

Dr. Hwai-Nan Chang

Dr. Arden G. Christen

Dr. G. Thomas Cloyd

Dr. and Mrs. Jeffrey A. Dean

Dr. and Mrs. David A. Dickey

Drs. Gary and Diane Dilley

Dr. Roland R. Ditto

Dr. Eugene S. Eggers

Dr. James L. Fletcher

Dr. Joe E. Forgey

Dr. James D. Frey

Dr. Donald E. Gardner

Dr. Lawrence P. Garetto

Dr. and Mrs. LaForrest D. Garner

Dr. and Mrs. Lawrence I. Goldblatt

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Dr. and Mrs. Vincent M. Guido

Dr. Daura C. Hamlin

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Dr. Ronald R. Hathaway

Dr. H. Ray Hazen

Dr. Eric A. Hein

Dr. Hala Z. Henderson

Dr. Lori Henderson

Dr. and Mrs. Richard R. Hori

Dr. Kenneth R. Hyde

Indiana Academy of General Dentistry

Indiana Endodontics

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Dr. James E. Jones

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Dr. David James Kenworthy

Dr. B. Charles Kerkhove Jr.

Dr. Michael L. Leavitt

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Dr. Henry M. Swenson

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Dr. James H. Wells

Dr. John L. Wells

Dr. and Mrs. Thomas J. Wickliffe

Mr. Howard S. Wilcox Sr.

Dr. Mark E. Wohlford

Dr. Eric T. Yokota

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(Gifts between \$500 and \$999)

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Avon Oral & Maxillofacial Surgery
Dr. John P. Backmeyer
Dr. Douglas H. Barton
Dr. Fabio Beltran
Dr. Richard Benveniste
Dr. and Mrs. Robert L. Bogan
Dr. and Mrs. Howard P. Bonnett
Dr. Wilber C. Boren III
Dr. Cecil E. Brown Jr.
Dr. Rick Burns Jr.
Dr. Jeffrey D. Buttrum
Dr. Joe H. Camp
Dr. Yung N. Cheng
Dr. Kevin R. Christiansen
Creve Coeur Periodontics, Inc.
Dr. Virginia L. Crose
Dr. James R. Davis II
Dr. Steven L. Davis
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Dr. Gael M. Delany
Dr. Richard M. Demko
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Dr. Roland W. Dykema
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Dr. Robert L. Fisher
Dr. Junhei Fujimoto
Dr. Eiji Funakoshi
Dr. Brent T. Garrison
Dr. Laura B. Graham
Dr. Anthony M. Grasso
Dr. Jonathan L. Gray
Dr. Alvin J. Grayson
Dr. Roy V. Green
Dr. William R. Hart
Dr. Joseph F. Heidelberg
Dr. and Mrs. Russell L. Heyde
Dr. Gary J. Hinz
Mrs. Marian H. Humphrey
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Indiana Society of Periodontists
Dr. Jon D. Ingleman
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Dr. Darin K. Kajioka
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Dr. Frederick L. Katz
Ms. Suzy B. Killen
Dr. Arthur I. Klein
Kokomo Endodontics
Dr. James T. Krol
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Dr. and Mrs. Joseph J. Legan
Dr. John B. Lehman Jr.
Dr. and Mrs. Jaime O. Lemna
Dr. Ming-Tsuen Lin
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Dr. and Mrs. Mark E. Mallatt
Dr. David N. Matthews
Dr. Randall L. McClary
Dr. Kathleen Mc Combs
Dr. and Mrs. Chris H. Miller
Dr. David M. Miller
Dr. and Mrs. James R. Miller
Dr. and Mrs. Mark F. Miller
Ms. Shonne Miller
Dr. M. Charles Moll
Dr. Matthew B. Monesmith
Dr. Assad F. Mora
Dr. Tod R. Moretton
Dr. Scott W. Morrison
Dr. Thomas P. Mullaney
Dr. Anita M. Murray-Clary
Dr. Bruce Nagel
Dr. Thomas K. Nasser
Dr. Donald H. Newell
Dr. Carl W. Newton
Dr. and Mrs. Gary A. Nondorf
North Central Dental Society
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Dr. Daniel E. Percy
Dr. and Mrs. Lloyd J. Phillips
Dr. Marcel A. Polz
Dr. Anthony M. Puntillo
Dr. Edmund L. Rapp
Dr. Robert L. Reames Jr.
Dr. Byford L. Reed
Dr. Douglas F. Reed
Dr. Thomas K. Ringenberg
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Dr. and Mrs. Charles E. Tomich
Mr. and Mrs. Timothy Townsend
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Dr. C. Richard Walker
Dr. William J. Walsh
Dr. Kevin D. Ward
Chancellor Herman B. Wells
Dr. George P. Willis
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Prof. Gail F. Williamson
Dr. James F. Woods
Dr. Randall D. J. Yee
Dr. Dennis J. Zent
Dr. George R. Zundo

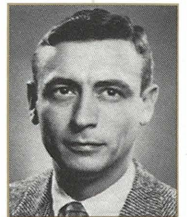
Century Club I

(Gifts between \$100 and \$499)

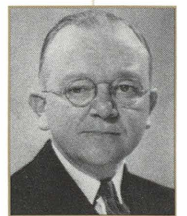
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Dr. Rafik A. Abdelsayed
Dr. Robert J. Achterberg
Dr. Elliott R. Adams
Dr. Thomas W. Adams
Dr. William R. Adams
Dr. William Aitken Jr.
Dr. Carl M. Allen
Dr. Robert R. Allen
Dr. William E. Alexander
Dr. Jack L. Altekruse
Dr. C. Richard Altenhof
Dr. Mostafa Analoui
Ms. Mary F. Andre
Dr. William G. Andrews
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Dr. Daniel M. Bade
Drs. Michael and Diane Bagnoli
Dr. Grant S. Bailey
Dr. Harry Bailie
Dr. Stephen K. Bailie
Dr. Mary A. Bain
Dr. Joseph V. Baldassano
Dr. James T. Barenie
Dr. Larry L. Barlow
Dr. Ervine B. Barr
Dr. Jeffrey L. Bassett
Dr. Joe A. Baumgartner

1950 *continued*

Seeking to double the size of the Department of Oral Histopathology, Dean Hine hires just 1 man, William Shafer, a recent grad of the general pathology program at the University of Rochester, to work with Grant Van Huysen. (Dr. Shafer feels lucky to find a job at IU, he recalls years later. Teachers wishing to enter the field of oral pathology back then first had to *develop* one. "... in 1950 oral pathology had only been a specialty for 2 years, and most dental schools didn't know much about it yet," Dr. Shafer says. "We were learning oral pathology by the seat of our pants!")



Shafer



Van Huysen

1951

Joseph Muhler (DDS'48) joins the dental school faculty, 1 year after he and chemistry professor Harry Day report results of their research on the use of stannous fluoride as a tooth decay preventive. (Already a well-established researcher, Dr. Muhler has been conducting experiments with Dr. Day on the Bloomington campus since Joe's sophomore year. They, along with IU chemistry professor William Nebergall, are eventually awarded a patent for their discovery of the 1st successful stannous fluoride formula for use in toothpaste. Their discovery brings world-wide fame to the men and to the university and leads consumers to expect more than just a good cleaning from their brushing sessions at the bathroom sink.)



Muhler

1952

In a ceremony in the Dean's Office, Dr. Hine grants an IUSD diploma to his father, Clyde Hine, an IDC graduate of the Class of '04.



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 Dr. Michael C. Beaty
 Dr. Thomas H. Beavers
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 Dr. Norman Becker
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 Dr. Robert B. Beckett Jr.
 Dr. Russell P. Beckett
 Dr. and Mrs. Robert F. Becknell
 Dr. Diane and Mr. Steven Beecher
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 Dr. Robert H. Berghoff
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 Dr. Christine Bishop
 Ms. Karen E. Black
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 Dr. David A. Bleeke
 B'nai Jeshurun Congregation
 Dr. Harold W. Bohnke
 Dr. Dayn C. Boitet
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 Dr. Arnold H. Braun
 Dr. Ralph E. Brennan
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 Dr. Frederick A. Cantrell
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 Dr. Timothy J. Carlson
 Dr. and Mrs. W. Kelley Carr
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 Dr. Stephen J. Clark
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 Dr. Jerry R. Davis

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 Dr. Kevin A. Deardorf
 Dr. Edgar K. DeJean
 Dr. and Mrs. Eugene L. Dellinger
 Dr. Kenneth C. DeNardo
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 Dr. Robert L. Dickerson
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 Dr. Steven A. Douglas
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1953

Class of 1929 donates a glass museum case in memory of Captains Howard McCurdy and Edwin Connley, classmates who lost their lives in World War II. (Still in use, the case is the 1st one inside the door of the dental library.)

1954

Lehman Adams (DDS'49) is the 1st African American to be appointed to the faculty.

1955

The Procter & Gamble Company of Cincinnati, Ohio, introduces Crest toothpaste, with promotions getting under way in 1956. A revolution in the world's dentifrice market is launched.

1956

Future dental student Gregory Bell (DDS'61) wins a Gold Medal for the long jump during Olympic Games in Australia.



Bell (center)

1957

Jack Carr writes the *History of the Indiana Dental College, 1879-1925* for his master's degree in education from Butler University. His thesis provides invaluable details to anyone with an interest in the history of dental education in Indiana.

1958

The 1st edition of *A Textbook of Oral Pathology* is published. Senior author is faculty member William Shafer. (The "Shafer" text is used in dental schools in many parts of the world and is regarded for decades as the definitive work on the subject. The 4th and final edition is published in 1983.)

IU President Herman B Wells attends groundbreaking ceremonies for the dental school's 1st addition.

Theta Chapter of Sigma Phi Alpha honorary dental hygiene society is formed at IU.

The Indiana Dental Association celebrates its 100th birthday.

1959

Dr. Hine laments that progress on the addition to the dental school is "discouragingly slow," with completion and occupation still at least a year away. (Still more delays are to follow.)

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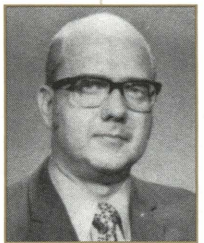
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1959 *continued*

IU is 1 of 6 dental schools that compete successfully for a federal grant to employ 15 chairside assistants, giving birth to the Dental Auxiliary Utilization Program.

David Bixler earns a DDS, which is in addition to his PhD in zoology. (Now a common practice for dentists to earn 2 doctoral degrees, Dr. Bixler is 1 of only a handful of people holding 2 such degrees in the '50s. He spends the last part of the 1960s translating his experiences in medical genetics into information that will be pertinent in dental classrooms. His efforts lead to the creation of the school's Department of Oral Facial Genetics in 1971. During his teaching and research career he becomes widely known for his studies of cleft lips and palates.



1960

Of 97 boarded pedodontists in the U.S., 5 are on the IU faculty: Ralph McDonald (DDS'44), Paul Starkey (DDS'43), Richard Jennings (DDS'45), James Roche (DDS'47), and Arthur Klein (MSD'58).

1961

"Frank C. Hughes (DDS'18) retired as professor of prosthetic dentistry July 1. In his long and illustrious career in dental teaching probably Dr. Hughes has influenced personally more practicing dentists in Indiana than any other single individual."—from Dean Hine's *Alumni Bulletin* column.



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1962

1st addition to the dental school is finally dedicated.

1963

Dental hygienists Audrey Gotsch, Judith Spivey Kight, Karen Masbaum, Kay Robertson, and Ann Spedding are the 1st to receive IU's new Bachelor of Science degree in Public Health Dental Hygiene.

1964

1st dental program on a regional campus gets under way, a dental hygiene program at Fort Wayne. It is directed by Gloria Huxoll, a member of the 1st dental hygiene class to graduate on the Indianapolis campus.



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1964 *continued*

Crest toothpaste receives full approval by the American Dental Association.

1965

Dean Hine serves as president of the American Dental Association.

IU's 1st dental assisting program is established; it opens on the Fort Wayne campus.

1966

The dirt-floor basement under the original portion of the dental school, which was used for storage, is converted into state-of-the-art basic and clinical research laboratories.

1967

20 years after the school awards its 1st graduate diploma, the program has become internationally acclaimed, drawing students from many parts of the world. 32 students complete requirements for the MS or MSD degree this year, the largest annual number to date.

1968

Gertrude Katzenberger, by now fondly known as "Miss Katz," retires after 52 years as the school's cashier.



1968 *continued*

Ralph McDonald becomes acting dean when Dr. Hine is appointed 1st chancellor of the IUPUI campus.

The Preventive Dentistry Research Institute, built with royalties from the sale of Crest toothpaste and thus nicknamed "The House that Crest Built," is dedicated. (The building is later renamed the Oral Health Research Institute.)

The dental hygiene certificate program becomes an Associate of Science degree program.

1969

Ralph McDonald is appointed dean.



Dental hygiene and dental assisting programs begin on the South Bend campus.

Alumna Petchara Sidhisunthorn Techakampuch (MSD'60), Bangkok, becomes dentist to King Bhumibhol Adulyadej, the longest reigning member of the Chakri dynasty, and other members of the royal family of Thailand. (The King eventually bestows upon "Petch," as she is fondly known by her many IU friends, the title of Tanphuying, an honor similar to knighthood.)

Gifts up to \$99 continued

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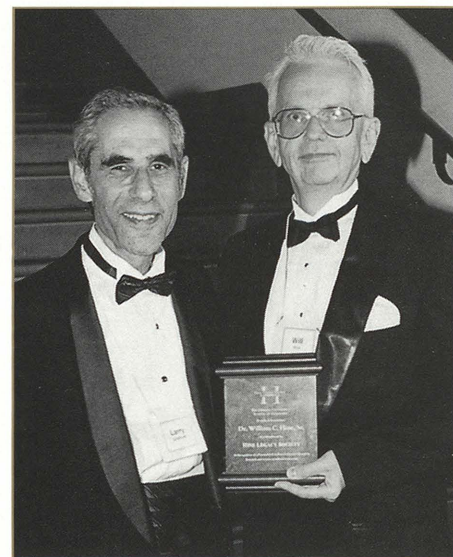
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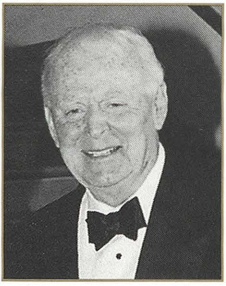
THE HINE LEGACY LIVES ON



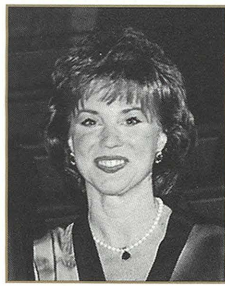
Dean Lawrence Goldblatt (left) welcomes Dr. William Hine Sr. into the Hine Legacy Society, which honors his father's memory. William is dean of the School of Adult Education at Eastern Illinois University, Charleston, Ill.

The IU School of Dentistry lost its beloved former dean Maynard K. Hine three years ago, but memories of this unique fellow remain abundant for every teacher, staff member, and alumnus who had the honor of knowing him.

On a beautiful Indianapolis evening in the fall of 1999, some of the people who hold memories of Dr. Hine most dear, including one of his sons, Dr. William Hine Sr., gathered at the Eiteljorg Museum of American Indians for a reception and banquet to pay tribute to a man who devoted 52 years of his extraordinary life to the IU School of Dentistry.



Honoree Donald Arens, an associate professor of endodontics and director of Continuing Education at IUSD, became a member along with his wife, Bobbi Arens.



Honoree Pamela Steed conducts an Indianapolis practice limited to the treatment of craniofacial pain and temporomandibular dysfunction.

Known as the Hine Legacy Society, the group was formed in 1998 to honor not only Dr. Hine, who served as dean of dentistry from 1945 to 1968, but also individuals who share the special vision Dean Hine had for maintaining the highest standards of excellence in dental education at IU. Members of the Society invest in the future of the IU School of Dentistry by making planned or deferred gift arrangements. The Hine Legacy Society enrolls donors who confirm the details of their future giving plans for IUSD with the school's Office of Development.

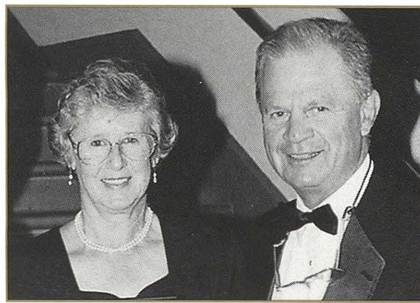
At the second annual banquet, held September 28, five new members were welcomed into the Hine Legacy Society, all recognized for the special philanthropic commitment they have made to the school. The Society now has a roster of 28 honorees, including individuals, couples, trusts, and estates.

New members participating in the banquet were:

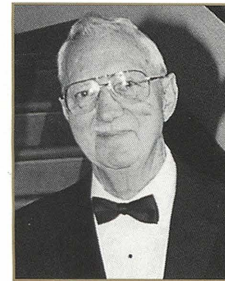
- Donald (DDS'59, MSD'72) and Bobbi Arens, Indianapolis, Ind.
- William C. Hine Sr., Terre Haute, Ind.
- Ralph (DDS'44, MS'51) and Sarah Jane McDonald, Indianapolis, Ind., and Sanibel, Fla.
- Robert (DDS'59) and Nancy (ASDH'58) Modlin, West Lafayette, Ind.
- Pamela Steed (DDS'83, MSD'90), Zionsville, Ind.

Also welcomed as new members, but unable to attend the banquet, were:

- Alvin Chung (DDS'87), Honolulu, Hawaii
- Gene (DDS'59) and Judy Hedrick, Salem, Ind.
- Larry (DDS'59) and Judith Hodge, Lafayette, Ind.
- Ron (DDS'59) and Barb Scheele, Leo, Ind.



Honorees Nancy and Robert Modlin. Dr. Modlin is retired from his practice in West Lafayette and has served for several years as a representative to the executive council of the IU Alumni Association.

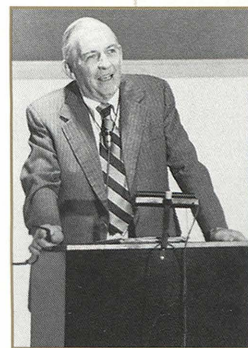


Honoree Ralph McDonald, dean emeritus of IUSD, was taken into the membership with his wife, Sarah Jane McDonald.

1970

"There is every reason to believe that the knowledge explosion will continue and further complicate the university's attempts to fulfill its obligations to prepare students to be health practitioners. It is no longer feasible to solve our dilemma by extending the curriculum. Rather, we must be more selective and effective in presenting information to our students. The intelligent use of all forms of audio-visual technology and computer aided instruction is mandatory."

(Distinguished scholar and IUSD alumnus Joseph Volker [DDS'36], serving at the time as president of the University of Alabama at Birmingham, looks 30 years into the future in his address titled "Dentistry—Year 2000: Health Sciences.")



1971

Cleona Harvey, who reigns as administrative assistant to 3 IUSD deans in her 27-year career at the dental school, retires, leaving an indelible impression on the students who passed through the school during her tenure (by her count, 1,860 dental students and 547 dental hygiene students).

1972

A 2nd addition to the school is dedicated.



Expansion of the building makes it possible to welcome for fall semester the school's 1st dental assisting class. The 1-year certificate program is directed by Marjory Carr.

IU's one and only dental laboratory technology program is established at Fort Wayne.

1973

Ralph Schimmele (DDS '52) is named assistant dean of Dental Auxiliary Education. As such he is responsible for program development on the regional campuses. He also manages the school's extramural program in which dental students spend time in private practice offices.



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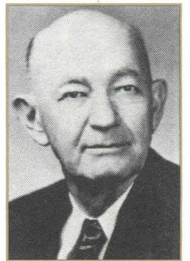
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1973 *continued*

The new M.M. House Museum on the 4th floor of the school is featured in the *Alumni Bulletin*. It honors ICD graduate Milus House (DDS'03), an inventor of articulators and casting machines. The Museum is built primarily by Ivan Welborn, CDT, and 1 of Dr. House's 4 sons, James House (DDS'71).



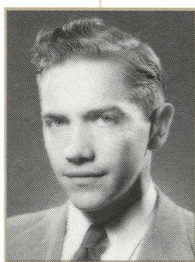
M.M. House

1974

Federally funded TEAM clinic debuts under the direction of Donald Tharp (DDS'64) and becomes one of the students' most looked-forward-to and rewarding dental school experiences. (Much to the students' disappointment, the clinic closes in the mid-'80s.)

1975

Miles Standish (DDS'45), a faculty member and direct descendent of Captain Myles Standish, performs landmark work with bitemark identifications in Indiana, helping to convict a murder suspect. (This and many other cases lead to Dr. Standish's national reputation as an expert in forensic dentistry.)



Dental hygiene and dental assisting programs begin on the Northwest (Gary) campus.

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1976

Joseph Volker, who has been serving as 1st president of the University of Alabama at Birmingham, is named 1st chancellor of the University of Alabama System, which is composed of campuses at Tuscaloosa, Birmingham, and Huntsville.

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Indianapolis Dentistry Telefund

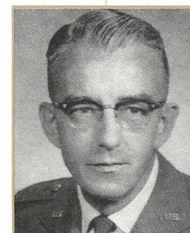
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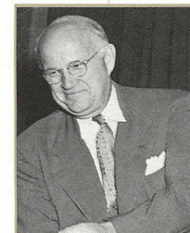
1976 continued

At the annual meeting of the American Academy of Periodontology, Timothy O'Leary, chair of the Department of Periodontics, delivers the president's address as outgoing head of the organization. (He is the only person ever to serve concurrently as AAP president, chair of the American Board of Periodontology, and editor of the *Journal of Periodontology*.)



1977

"The end of an era."—Quote from Ralph Phillips on the death of John F. Johnston (DDS'21) on June 9. (The former graduate students of this highly esteemed prosthodontist and educator change the name of their alumni organization to the John F. Johnston Society in his honor. Meeting each year at the Chicago Midwinter and awarding a scholarship in Dr. Johnston's memory, these alumni—including many contemporary graduates who never met the legendary fellow—continue to hold firm to his professional ideals.)



1978

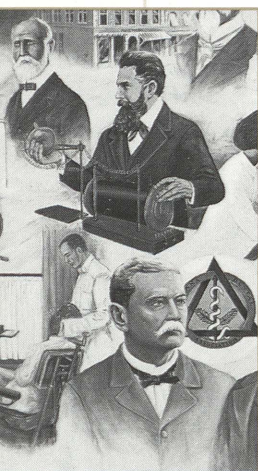
While forensic expert Miles Standish is out of town, new oral diagnosis-oral medicine faculty member Jack Schaaf (DDS'75) is called on to assist in the identification of 9 passengers killed in the Rush Country, Ind., crash of a small plane carrying the officers of the U.S. Auto Club among others.

1979

More than half of the anterior prosthetic teeth manufactured throughout the world are copies made from molds created by Milus House.

Dental education in the Hoosier state celebrates its 100th birthday.

Large colorful mural painted by faculty member Rolando DeCastro (MSD'73) is unveiled. Running the entire length of the north wall in the school's main lobby, the mural depicts the history of dentistry and includes many leading dental educators in the Hoosier state.



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1980

The Indiana Dental Association establishes an endowment committee and fund on behalf of the dental school.

Alumnus Norman Becker (DDS'46), Revere, Mass., accepts the editorship of the *Journal of the Massachusetts Dental Society*. (The editor and the *Journal* are a well-made match: By 1990, he is president of the American Association of Dental Editors. And in 1999, he's still the top name on the masthead in Massachusetts.)

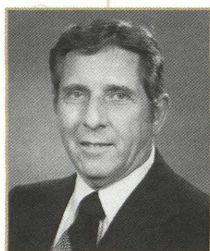


1981

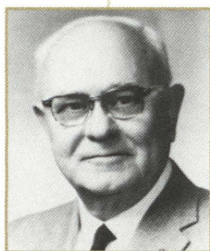
New research program sponsored by the National Institute of Dental Research targets predoctoral students. IU receives an \$80,400 grant, which is used beginning in 1982 to provide 3-month summer training sessions to 40 students over the next 5 years.

1981 *continued*

Charles Gish (DDS'49), IU faculty member and director of the dental division of the Indiana State Board of Health, addresses the 8th International Symposium on Dental Hygiene in London, England, on July 29, the day of the Prince of Wales' marriage to Lady Diana Spencer. The symposium breaks mid-morning so that all participants can watch the wedding on a large video screen.

**1982**

Internationally respected prosthodontist I. Lester Furnas (DDS'10), a former faculty member residing in LaJolla, Calif., receives a letter of thanks from a Pennsylvania dentist for a C.E. course Dr. Furnas gave to the Susquehanna Dental Society in Scranton, Pa., in 1922. "...it has helped me in 60 years of practice," the grateful, if belated, dentist writes.



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Dr. Robert B. Purdy
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Dr. Darwin M. Reed
Mrs. Maryam Z. Ritchie
Dr. and Mrs. Bryan S. Sigg
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Dr. Roger L. Isaacs
Dr. Barry P. Katz
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Dr. Paul A. Mosele
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Dr. Grant S. Bailey
Dr. Stephen K. Bailie
Pastor Franklin and
Trustee Cora Breckenridge
Dr. and Mrs. W. Kelley Carr
Dr. Steve L. Caudill
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Mrs. Julie H. Mintz
Dr. Tod R. Moreton
Dr. Scott W. Morrison
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Dr. Thomas K. Nasser
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Dr. Gregory J. Parsons
Dr. Edmund L. Rapp
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Dr. R. Gerard Cleary
Dr. Donald C. Fitz-Roy
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Dr. Patrick J. Henry
Drs. Aye and Mu Min
Dr. Assad F. Mora
Dr. Kathy M. Patmore
Dr. and Mrs. David M. Plank
Dr. Jeffrey A. Rouse
Dr. Silvia L. Valderrama

James W. Huckelberry, DDS Scholarship

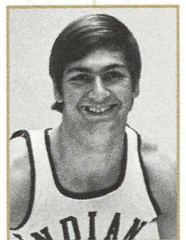
Mrs. Ama H. Huckelberry

1983

Timothy O'Leary and former faculty member Ned Van Roekel (DDS'65) make a distant "house call" to the ruler of Abu Dhabi in the United Arab Emirates. Dr. Van Roekel, head of fixed prosthodontics at the Mayo Clinic in Rochester, Minn., and Dr. O'Leary prepare a comprehensive treatment plan for the ruler.

1984

New grad Steve Green reminisces for an interview in the *Alumni Bulletin* about his days as a pro-ball basketball player and an IU Big Ten Champion.



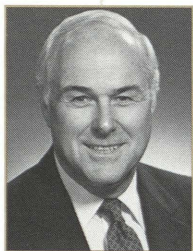
Results of an Oral Health Research Institute study published by the *Journal of the American Dental Association* lead to market approval by the Food and Drug Administration of Nicorette gum, an aid for smoking cessation.

1985

Dean McDonald signs the school's 1st Agreement of Friendship and Cooperation with another dental school, the Matsumoto Dental College of Shiojiri, Japan.

1985 *continued*

H. William Gilmore (DDS'58) becomes dean July 1, when Dean McDonald retires. (Dr. Gilmore greatly expands efforts to explore global friendships. During his tenure 16 more agreements are signed with schools in Australia, Brazil, England, France, Germany, Hungary, Japan, Mexico, People's Republic of China, Singapore, South Korea, and Thailand.)



Grappling with a way to pay for his dental education, incoming student Jeffrey Thalls (DDS'89) finds help from his grandma, who allows him to cut and sell some walnut trees on her land outside Hagerstown. Jeff sells the prized timber to a buyer from Cincinnati and uses the money to pay for his 1st year of dental school.

1986

Alumnus Michael Koufos (DDS'86), Munster, and 15 other dentists are selected as the pioneering members of the ADA's new Committee on Young Dentists. At 26, he is the youngest in the group.

James E. Humphrey, DDS Scholarship

Adolescent & Pediatric Dentistry
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Mr. Robert D. Humphrey

Gloria Huxoll Scholarship

Dr. Lloyd J. Hagedorn
Dr. Robert M. Stetzel

IDA/Dean's Council Pursuit of Excellence

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Dr. and Mrs. John L. Ancich
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Dr. Bernard J. Asdell
Dr. Charles F. Aton
Dr. Daniel M. Bade
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Dr. Thomas H. Beavers
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Brandywine Dental Group
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Dr. James R. Davis II
Dr. Robert J. Detamore
Dr. James H. Dirlam
Dr. Jasper P. Downie
Dr. Lee G. Dunker
Dr. M. Gilbert Eberhart Jr.
Dr. Robert B. Edesess
Dr. Gwendolyn and Mr. Jon Edmondson
Dr. Gerald S. Epstein
Dr. Robert Eversole
Dr. Bruce C. Fields
Dr. Michael L. Flannagan
Dr. James L. Fletcher
Dr. Joe E. Forgey
French & French Dental Associates
Dr. James D. Frey
Dr. and Mrs. Charles W. Gish
Dr. Alvin J. Grayson
Dr. Robert S. Griffin
Dr. John D. Harker
Dr. Nora K. Harmsen

Dr. William R. Hart
Dr. Charles E. Hassel
Dr. H. Ray Hazen
Dr. Gene F. Hedrick
Dr. and Mrs. Russell L. Heyde
Dr. James L. Holder
Dr. and Mrs. Leonard D. Hollingsworth
Dr. and Mrs. Robert L. Holloway
Dr. Steven J. Holm
Dr. Kenneth R. Hyde
Dr. and Mrs. Michael L. Iczkovitz
Dr. Gerry L. Kaufman
Dr. David James Kenworthy
Dr. B. Charles Kerkhove Jr.
Dr. Edmund E. Laskowski
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Dr. Stephen L. Lucas
Dr. James V. Macri
Dr. Donnell C. Marlin
Dr. Robert L. Mattern
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Dr. Robert E. Murer
Dr. August M. Natalie
Dr. Phillip R. Pate
Dr. Ben B. Pence
Dr. and Mrs. Lloyd J. Phillips
Dr. Jeffrey A. Platt
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Dr. John A. Rahe
Dr. Stephen W. Rasmussen
Dr. Robert E. Riddle
Dr. Robert F. Rimstidt
Dr. John R. Roberts
Dr. Jeffrey A. Rouse
Dr. Joel A. Sagalowsky
Dr. K. Douglas Schmidt
Dr. Lisa S. Shideler
Dr. Kenneth W. Siegesmund
Dr. Joe P. Sigg
Dr. Charles M. Simons
Dr. Glenn M. Smith
Dr. Raymond T. Snapp
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Southeastern Dental Society
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Dr. Pamela A. Steed
Dr. David C. Steele
Dr. John S. Szakaly
Dr. and Mrs. Robert E. Tarplee
Dr. Lynn R. Thomas
Dr. and Mrs. Charles E. Tomich
Dr. John L. Turchi
University Clinical Pathology Association
Vale Park Dental Care

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Dr. Donald R. Walker
Dr. William J. Walsh
Dr. Kevin D. Ward
Dr. Marion E. Warpenburg
Dr. Jean E. Williams
Dr. John R. Williams
Dr. George R. Zundo

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Dr. David A. Bleeke

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Dr. Alan B. Schafer
Dr. Lee Souweine Jr.

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Dr. Patrick A. Fleege
Dr. Pablo J. Fonseca
Dr. Benson Fung
IUSD Alumni Association
Dr. and Mrs. Joseph J. Legan
Dr. and Mrs. Jack E. Schaaf
Dr. and Mrs. Douglas Spaulding
Mr. and Mrs. Carlton A. Witt

IUSD Research Day

Indiana Section American
Academy of Dental Research

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Joseph & Louise Jarabak Orthodontic Fund

Dr. Fabio Beltran

Joseph Jarabak Professorship

Dr. Joseph Jarabak Trust

Johnson Public Health Dental Endowment

Dr. Donald W. Johnson

John F. Johnston Scholarship

(for graduate prosthodontic students)

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Dr. Sanford S. Asahina
Dr. Martin T. Barco II
Dr. and Mrs. Robert F. Becknell
Dr. M. John Borkowski
Dr. R. Gerard Cleary
Dr. Roland W. Dykema
Dr. Edward L. Fritz
Dr. Junhei Fujimoto
Dr. Eric M. Goldberg
Dr. Patrick J. Henry
Dr. Ronald H. Jarvis
Dr. Michael C. Kafalias
Dr. Su T. Kang
Dr. Ming-Tsuen Lin
Dr. Assad F. Mora
Dr. and Mrs. Larry M. Over
Dr. B. Larry Pedlar
Dr. Stephen F. Rosenstiel
Dr. George W. Simpson
Mrs. Marjorie C. Tarplee
Dr. George C. Whitaker
Dr. Stefan H. Wittner

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Mr. Steven N. Levinson
Dr. Robert H. Spedding Sr.

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Mr. F. Robert Kutka

Howard & Shizuko Maesaka Award

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Drs. Diane and Gary Dilley
Dr. Norman Glassman
Dr. Hala Z. Henderson
Dr. William A. Keaty
Dr. and Mrs. Jaime O. Lemna
Dr. John R. Mink
Oklahoma City Pedodontists, Inc.
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Dr. Brett M. Quackenbush
Dr. Robert F. Rimstidt
Dr. Robert D. Rust
Dr. Lionel Traubman II
Dr. Richard G. Weaver
Dr. James A. Weddell
Dr. Gregory J. Westman
Dr. and Mrs. Thomas J. Wickliffe

Ralph E. McDonald Professorship

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Dr. Robert S. Austgen
Drs. David Avery and Susan Zunt
Dr. Ervine B. Barr
Dr. Douglas H. Barton
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Dr. Richard W. Blake
Dr. and Mrs. Robert L. Bogan
Dr. Harry E. Bopp
Dr. and Mrs. Stephen R. Branam
Drs. Kenneth and Carol Braun
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Ms. Helen L. Campbell
Dr. James A. Carey
Ms. Marjory H. Carr
Dr. Virginia L. Crose
Dr. and Mrs. Ralph C. Day
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Dr. Charles Poland III
Dr. Richard M. Quinn
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Dr. Gregory A. Robbins
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Dr. Frederick H. Simmons Jr.
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Dr. James F. Steiner
Dr. and Mrs. Frank C. Sung
Prof. Marjorie L. Swartz
Dr. Henry M. Swenson
Dr. James A. Weddell
Mr. Howard S. Wilcox Sr.

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Dr. Nora K. Harmsen
Dr. Galen R. Miller
Dr. Duane L. Miller
Ms. Shonne Miller
Dr. Barry W. Ray
Dr. and Mrs. Steve E. Wilhite

1986 continued

Future dental student Steve Hollar (DDS'93) stars with Gene Hackman, Barbara Hershey, and Dennis Hopper in the highly praised film *Hoosiers*. He plays 1 of the members of the basketball team.

1987

A U.S. Air Force attack jet en route from Pittsburgh to Nellis AFB in Nevada loses altitude and slams into the lobby of the Indianapolis Airport Ramada Inn after the pilot is ejected; 10 persons in the hotel are killed. Having taken Dr. Standish's intramural course on forensic dentistry, dental student David All (DDS'88) is permitted to assist Dr. Standish and his colleagues Donnell Marlin (DDS'56) and Cecil Brown when they are called upon to help identify some of the victims at the Marion County Sheriff's Department morgue. Michael Beaty (DDS'90), a student working part-time at the morgue, also assists.

Drexell Boyd, one of the school's most admired and memorable teachers—a friend and confidant to generations of dental students—dies November 15. He had been retired since 1980.

1987 *continued*

Prosthodontic alumnus Ricardo Kriebel-Coronado (MSD'81), formerly a top-seeded tennis player in Costa Rica, returns to Indianapolis to coach his nation's tennis team in the Pan American Games, held in part on the IUPUI campus. His team wins a bronze, and the Costa Rican athletes make a fantastic show of their talents overall. Their history at the Pan Am games has been dismal, with just 1 silver medal won in the 1950s. This year, in addition to the tennis medal, they take home 11 more, including 3 gold medals won by swimmer Silvia Poll.

Alumni Bulletin wins a 1st Place Award in the annual journalism competition sponsored by the International College of Dentists.

2nd year students, under the leadership of Class of '89 President Mick Firth, honor their teachers from the 1986-1987 school year with a pitch-in luncheon, during which oral pathology teacher Charles Tomich (MSD'68) is surprised with the class's Instructor of the Year Award. (Still a member of the faculty today, Dr. Tomich has been one of the most frequently honored teachers by IUSD's students, especially for his skills as a lecturer.)

Timothy J. O'Leary **Periodontics**

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Dr. Willie L. Brown
Dr. and Mrs. Robert J. Detamore
Ms. Roxanne Atkinson Farley
Dr. John C. Greif
Dr. Carlos R. Holguin
Dr. and Mrs. Kenneth K. Kaneshiro
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Dr. Charles E. Hassel
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Dr. J. Todd Hunt
Dr. and Mrs. David L. Judy
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Dr. Luis E. Martines
Ms. Karla J. Newman
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Dr. and Mrs. Jeffrey D. Shepherd
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Dr. David J. Barts
Dr. John H. Nguyen
Dr. and Mrs. Richard J. Persiani
Dr. Ernest W. Scheerer Jr.
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 Dr. George K. Stookey
 Dr. Otto P. Sturzenberger
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 Dr. Raymond Wong

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 Ms. Joanna S. Bollinger
 Mr. James A. Foxworthy
 Dr. Jonathan L. Gray
 Dr. and Mrs. Michael J. Hayduk
 Indiana Society of Periodontists
 Dr. Vanchit John
 Dr. Donald H. Newell
 Dr. and Mrs. Henry M. Swenson

George A. Welch Memorial Scholarship

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 Ms. Christine Lindsey
 Dr. Hubert C. Pirkle
 Dr. and Mrs. John R. Risch
 Dr. David F. Welch
 Ms. Frances L. Welch
 Mr. Jon R. Witty

Zawawi Pediatric Dentistry Fund

Dr. Charles O. Hazelrigg Jr.
 Dr. Hala Z. Henderson
 Procter & Gamble Company
 Sigma Phi Alpha
 Dr. Robert A. Stoner

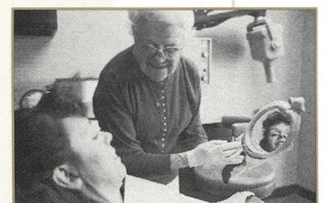


1988

Melvin Lund and his wife, Marg, are fooled into thinking the party they head off to on the evening of June 8 is a surprise for LaVerne Harris, wife of faculty member Ronald Harris (MSD'73). The party is actually being held for the Lunds. Mel is dumbfounded to find that many of his former graduate students from Mexico, Iceland, and various parts of the U.S. have flown in to honor him for his many years of service as chair of operative dentistry, from which he recently stepped down. (Dr. Lund retires in 1993, but only "sort of." He continues to be a highly valued and seemingly tireless member of the clinical faculty, teaching 2 days a week.)

Rosemary Monehen (dental assisting certificate '75), a faculty member on the Fort Wayne campus, assumes the national presidency of the American Dental Assistants Association.

Remember our earlier mention of Ruth White? (See 1924.) In an *Alumni Bulletin* interview, we learn that she is still, at age 87, a spunky and energetic part-time dental assistant in the office of Charles Middleton (DDS'82), the dentist who purchased her husband's practice.



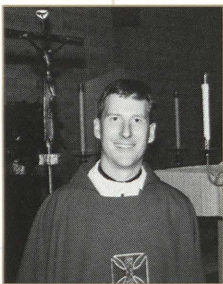
1989

As a randomly selected spectator at an Indianapolis Colts game, Brian Kirkwood (DDS'88) kicks a 30-yard field goal, netting a free pizza pie for every person in the stadium—60,110 hungry fans. Sponsor Pizza Hut is out about \$150,000.

1990

IU oral pathology professor Lawrence Goldblatt (MSD'74) chairs the Joint Commission on National Dental Examinations.

Alumnus Thomas Shoemaker (DDS'83) is ordained to the Roman Catholic priesthood at St. Matthew Cathedral in South Bend.



Ardent anti-smoking campaigner and IU faculty member Arden Christen (MSD'65) is co-author with J. Everett Koop of the U.S. Surgeon General's Report, "The Health Benefits of Smoking Cessation."

DONORS BY CLASS 1998-1999

Year of Graduation	Traceable Members	Donors	Year of Graduation	Traceable Members	Donors
1928	10	0	1964	75	19
1929	10	1	1965	80	18
1930	1	0	1966	73	20
1931	2	0	1967	79	26
1932	5	0	1968	77	31
1933	5	0	1969	83	23
1934	5	0	1970	90	25
1935	7	2	1971	96	26
1936	8	0	1972	97	20
1937	14	2	1973	103	31
1938	11	2	1974	95	28
1939	11	1	1975	113	39
1940	17	0	1976	120	32
1941	6	1	1977	117	22
1942	24	4	1978	119	35
1943	23	7	1979	122	33
1944	43	13	1980	115	24
1945	19	3	1981	132	33
1946	22	4	1982	132	26
1947	36	12	1983	125	24
1948	11	4	1984	123	25
1949	15	5	1985	106	25
1950	30	5	1986	99	26
1951	50	13	1987	106	17
1952	58	12	1988	92	10
1953	43	16	1989	91	10
1954	51	10	1990	78	8
1955	65	15	1991	57	9
1956	58	10	1992	80	10
1957	45	14	1993	74	10
1958	63	17	1994	77	11
1959	57	15	1995	75	9
1960	47	12	1996	79	6
1961	56	13	1997	77	3
1962	62	10	1998	95	5
1963	68	13			

IS YOUR FAMILY FISCALLY FIT?

You have watched your family grow and, along the way, your investments have grown as well. But your stock won't be worth much to your family if you haven't prepared an estate plan.

Even if you feel fiscally fit, a check-up may be in order. Draw up your plan now. And after safeguarding your family's future, ask yourself:

Does my will provide for my profession by providing for the IU School of Dentistry?



If you would like to make arrangements for IUSD in your estate plans, please contact:

Paul St. Angelo
Development Office
Indiana University School of Dentistry
1121 W. Michigan St.
Indianapolis, IN 46202-5186
(317) 274-5313
pstangel@iusd.iupui.edu

DONORS DENTAL GRADUATES BY CLASS YEAR

1929

Harry Bailie

1935

Ralph E. Gieringer
Arthur Stone

1937

S. Kingdon Avery
Ben J. Fisher

1938

John F. Scudder
Kenneth W. Siegesmund

1939

Wilson A. Livingston

1941

George M. Smith

1942

David L. Groher
George W. James
Samuel D. Kane
Eldred W. Stout

1943

William Aitken Jr.
Lee C. Eads
Daniel R. Lindborg
Gilbert L. Mellion
Charles F. Pope Jr.
Noble H. Sevier
Paul E. Starkey

1944

James L. Baker
Thomas H. Beavers
Kermit R. Bechtel
Edward A. Bromm
Edgar K. DeJean
Irving F. Folkening
Ralph E. McDonald
Dudley S. Moore
Marcel A. Polz
Irving Rohinsky
Oscar B. Segal
George W. Simpson
Carl Stoner

1990 *continued*

Pediatric dentist Hala Henderson (DDS'70) is the 1st woman at the IU dental school to attain the rank of associate dean of student affairs. (4 years later, she becomes the 1st woman to serve as president of the College of Diplomates of the American Board of Pediatric Dentistry.)

Singer and Academy Award-winning actress Cher, in town for her Heart of Stone concert tour, requires minor emergency dentistry. Her "people" call the dean's office to set up an appointment. Staff member Ginger Lashley, who handles the call, is asked by one of Cher's representatives to keep the appointment quiet so that Cher can slip into and out of the building without drawing attention to herself. Ginger promises discretion and sees that news of the visit doesn't leave the dean's office. She is therefore astounded when Cher drives up not in a city taxi but in a blindingly bright, hot pink and purple Heart of Stone tour bus roughly the size of a Carnival cruise ship. What do international celebs wear to their dental appointments when seeking a low profile? This one wore billowing, tiger-striped harem pants; a long, long black shawl; and an Abraham Lincoln-style stovepipe hat.

1991

George Stookey (PhD'71), associate dean for research and director of the Oral Health Research Institute, is awarded a \$3.1 million grant from the National Institute of Dental Research to study the safe use of fluoride in high-risk populations. The program project is a cooperative effort among investigators of the IU schools of dentistry and medicine, the People's Republic of China, and Ecuador, and involves the Indiana towns of Connersville, Lowell, and Brownsburg. Dental school faculty holding key positions in the study are Ann Dunipace and Richard Jackson of the OHRI and Barry Katz, who is jointly appointed with the IU medical school.

A NASA/IUSD research project designed to study the effects of weightlessness on bone mass is launched aboard NASA's space shuttle Columbia. The project is the work in part of Eugene Roberts, chair of the Department of Orthodontics and a senior research associate with NASA, his IU colleague Lawrence Garetto, and the school's Bone Research Laboratory staff. The IU team is participating in a series of NASA experiments that focuses on physiological and developmental adaptation to microgravity.



1945

John W. Hohe
Samuel M. Standish
John M. Stenger

1946

Robert R. Allen
Norman Becker
Phil Goodman
Melvin J. Nevel

1947

Thomas W. Adams
Ervin B. Barr
Roland W. Dykema
Peter P. Ferrini
John Graffeo
Frederick H. Isaacs
William A. Kunkel III
Daniel M. Laskin
John T. Lindquist
Lloyd N. Nevel
Arthur I. Stine
Marvin A. Tuckman

1948

Arthur J. Haacke
Jerome H. Schindel
Philip M. Whisler
George R. White

1949

John W. Bach
Thomas M. Boardman
Charles W. Gish
Sam R. Laudeman
Darwin M. Reed

1950

Frederick A. Cantrell
Frank Chinn Jr.
James H. Dirlam
Robert L. Garrard
William V. Vogel

1951

Carl W. Bollman
Glenn E. Callaway
Robert Fleishman
Robert G. Green
Charles P. Hamer
Francis M. Hapak
Frank O. Harper
Charles H. Redish
John R. Risch
Jerome Schweitzer
Clarence J. Smith
Donald C. Tye
Donald L. Whitehead

1952

Daniel W. Cheek Jr.
Gerald S. Epstein
Harold N. Glasser
Alvin J. Grayson
George M. Houck
Charles E. Hutton
Leonard G. Lawton
Richard D. Lieb
Maurice G. Smith
Robert E. Tarplee
Robert V. Webb
Donald B. Wiesler

1953

Sanford S. Asahina
Ralph E. Brennan
Robert K. Carnes
William I. Conrad
Thomas A. Garman
Wendell H. Grassmyer
James L. Holder
David G. Lehman
Martin A. Linderman
Francis E. McCormick
Thomas W. McKean
William T. Meek
Victor H. Mercer
Henry Plaschkes
Wayne H. Risinger
Robert M. Stetzel

1954

Robert L. Bogan
John D. Brannan
Carlton T. Cook
Joseph B. Libke
Lloyd J. Phillips
Parvin R. Raibley
Robert B. Scirle
Donald E. Spees
John S. Szakaly
Marion E. Warpenburg

1955

M. John Borkowski
W. Kelley Carr
Virgil H. Eaton
Norman Glassman
Russell L. Heyde
Leonard D. Hollingsworth
Robert D. Jamison
Gene E. Meyer
Marcella C. Phillips
Thomas E. Quill Jr.
Joe R. Rinard
Robert J. Roetker
J. Ellis Rue
Jackson D. Todd
Veril R. Williams Jr.

1956

Marvin Bernstein
Louis D'Angelo
Ray E. Egli
Gerald K. Glass
James J. Hall
Donald W. Johnson
Donnell C. Marlin
John R. Mink
James L. Pittman
Donald E. Stroud

1957

Louis A. Abbott
Harold W. Bohnke
Howard P. Bonnett
Robert R. Buckley
George P. Compton
Calvin M. Fair
Gerald E. French
George W. Fries
Edward L. Fritz
LaForrest D. Garner
Paul W. Gilmore
Ronald L. Hauswald
Don E. Lahrman
Edward J. Molenda

1958

William J. Allman
Jack H. Boyd
Russell C. Boyd II
R. Jack Cassingham
Jack L. Engleman
William R. Hart
John W. Kendrick Jr.
Walter A. Leuenberger Jr.
Robert L. Mattern

Kenneth O. Miller
Richard D. Norman
Frank E. Pate
David L. Pearson
Byron K. Poindexter
James F. Ruble
John S. Slamkowski
John L. Turchi

1959

Donald E. Arens
Jerry W. Daubenspeck
M. Gilbert Eberhart Jr.
Jerrold K. Goldsmith
Jo A. Hearn
Gene F. Hedrick
Stanley C. Herman
Robert B. Hirschman
Laurence K. Hodge Jr.
Donald E. Jennings
Robert N. Modlin
Robert B. Purdy
Ronald P. Scheele
Otto P. Sturzenberger
Charles C. Vieck

1960

Robert L. Dickerson
James C. Hennigar Jr.
David K. Hennon
W. David Leyda
W. Richard Leyda
Ray K. Maesaka
Don C. Nesler
Byford L. Reed
Theodore H. Simpson Jr.
Robert H. Spedding Sr.
Lester E. Tweedle
Francis J. Vander Wall

1961

Ronald K. Bowman
Gerrit C. Hagman
James H. Hornberger
James D. Hurst
Thomas A. Kroczeck
Edmund E. Laskowski
David M. Latz
John E. Newlin
James R. Platt
David H. Sawyer
Ernest W. Scheerer Jr.
Harry E. Sponseller
Dale A. Benefiel

1962

Richard S. Buchanan
Richard L. Day
James D. Frey
Michael J. Gross
B. Charles Kerkhove Jr.
John D. Rodkey
William F. Schultz Jr.
James A. Shupe Sr.
Nelson L. Wolfe
Stephen K. Bailie

1963

Robert F. Becknell
Eugene L. Dellinger
Donald J. Dicks
Eugene S. Eggers
William H. Foy
Harold E. Hamburg
Richard R. Hori
Ronald A. Hunt
Peter H. Leonard
James M. Myers
James L. Neafus
John A. Rahe
Robin A. Roberts
Edwin S. Robertson

1964

James W. Bayley
David A. Bleeker
Varoujan A. Chalian
Joseph E. Ellis
John D. Esakson
David R. Fink
Joseph L. Fox
Anthony M. Grasso
James R. Hayslett
Charles A. Hollar
Jeffrey E. Landrum
Ross L. Lawrence
Stanley R. Nevill Jr.
John I. Parsons
William B. Risk
Frederick E. Robbins
James C. Springer
John J. Stropko
Donald R. Tharp

1965

C. Howard Chapin Jr.
Wallace F. Chong Jr.
Lowell M. Daffron
Michael J. Deady
James J. Fritts
David L. Gauss
Robert S. Griffin
Jack Hoerath
Martin F. Kennedy
Aldo M. Largura
Richard A. Martin
Charles W. Myers
Patrick S. O'Hara
Michael D. Payer
Larry D. Ryan
John W. Sawin
Joseph W. Shoemaker
George A. Tiffany

1966

Carl J. Andres
David R. Avery
Stephen D. Beeker
Carl W. Blickendorf
Robert B. Edesess
David F. Eichenauer
Stephen W. Fischer
James L. Fleck
Lloyd J. Hagedorn
James W. Hall
Jon D. Ingleman
Richard L. Martin
Randall L. McClary
John P. Nelson
J.C. Newby
Sybil S. Niemann
John A. Roshel Jr.
John M. Voges
John E. Ward
John L. Wells

1967

John P. Backmeyer
John R. Barbour
James T. Barenie
Wilber C. Boren III
Donald F. Bozic
Robert E. Bradley
Steven R. Bradley
Ben L. Bromley
James J. Buzalski
Charles D. Coburn
Ronald H. Cordell
Stephen C. Cougill
Charles E. Hassel
Wayne W. Herman

1991 *continued*

Ralph Phillips dies 2 months after the 9th edition of his textbook, *The Science of Dental Materials*, is published. The book is one of the most widely used and translated dental texts in history.

The Biomechanics Research Laboratory's Material Testing System (MTS) arrives, but the 1,700 pound unit is too big to fit through any of the dental school's doors. (Because its ultra-sensitive internal components are laser-aligned, the instrument could not be dismantled before shipment). Finally, a hole must be punched in an outside wall of the dental school to create a pathway. It takes a crane and a 10-man crew to hoist the instrument to its destination on the second floor. The MTS helps researchers understand the manner in which bone, ligaments, and joints respond to mechanical forces.

1992

Dean Gilmore ushers in the Comprehensive Care Program, allowing students to abandon their routine of roaming from clinic to clinic (once referred to by a local news reporter as "a nomadic existence") by assigning them to their own clinic units for most of their patient care and letting the teachers come to them. The move gives students a clinical experience that better reflects the experience of private practice, and places patient care at the core of dental education.

1992 *continued*

Prosthodontic faculty members Carl Andres (DDS'66) and Glenn Richard design a nose plug to replace the painful and unsightly nose clips used by swimmers. Made of medical-grade silicone, the IUSD Nose Plug conforms to the anatomy of individual swimmer's nostrils. Since the plug fits inside the nose, it is invisible—an attractive feature for synchronized swimmers, who strive for beauty and grace in their performances. The device is used by synchronized swimmer Kristen Babb-Sprague at the Olympic Games in Barcelona. She wins a Gold Medal for her solo performance.

One of the Oral Health Research Institute's studies helps bring a cutaneous nicotine patch, Nicoderm, to the market this year as an aid in smoking cessation.

John Adams Lewis is the 1st male student to enroll in IUSD's dental assisting program. At 57, he is old enough to be a grandfather to most of his classmates, but he is welcomed by the 23 young women in the class, and soon John is regarded as one of the most popular students in the school. With his long-held dream to have a career in dentistry on the verge of coming true, John suddenly dies, just 11 days after earning his dental assisting certificate.

**1967** *continued*

Phillip L. Jones
Gerry L. Kaufman
Donald L. Lintzenich
Michael R. Marcotte
Mark F. Miller
Dennis M. Miller
M. Charles Moll
F. Wesley Peik
Charles E. Pritchett
Edward M. Sisk Jr.
Harold A. Smith
Raymond T. Snapp

1968

Robert L. Bonham
James M. Boyd
William D. Clarida
David F. Collins
Virginia L. Crose
Stephen F. Cullison
Alan L. Eggleston
David W. Epstein
Ralph V. Everly
Henry B. Feinberg
Cletis R. Foster
Michael R. Glassley
Joseph A. Grider
Ronald L. Johnston
James M. Langenfeld
Thomas H. Lapp
Michael L. Leavitt
Paul A. Mosele
Norman R. Novak
Phillip R. Pate
Charles Poland III
Robert F. Rimstidt
Richard D. Rudicel
Paul E. Schneider
Robert S. Schreck
Andrew J. Serafin
Charles M. Simons
Paul R. VanDorn
Nicholas H. Watson
James E. Wright
Paul F. Zwerner

1969

Martin T. Barco II
Douglas H. Barton
Ronald J. Billings
James R. Campi
William H. Craig
Roland R. Ditto
Clifton O. Dummett Jr.
Robert P. Ellison
Benjamin M. Frank
Roy V. Green
J. Robert Hall
Robert L. Harmon
Roger L. Isaacs
W. Randall Long
Joseph H. Lovasko
Robert E. Murer
Robert E. Riddle
Joe P. Sigg
Marc S. Smith
John Stott III
William C. Swatts Jr.
Jean E. Williams
John B. Wittgen

1970

Jack L. Altekruse
John E. Buhler Jr.
William B. Carr
Larry J. Clemons
Michael Colwell
William R. Corbin
Diane C. Dilley
Newell L. Easley
Robert L. Fisher
Alice S. Green
Charles O. Hazelrigg Jr.
Hala Z. Henderson
James D. Hernly
Gary G. Hickman
James R. Hulfeld
Frederick L. Katz
David J. Kenworthy
Richard W. Kitchell
Thomas F. Myers
August M. Natalie
Robert A. Rosebery
Jerome J. Siegel
David C. Steele
Frederick R. Swain
Roger L. Thompson
L. David Vancil

1971

Charles W. Baker
Michael J. Brugos
Robert A. Burden
John E. Crimmel Sr.
William B. Currie Jr.
Steven L. Davis
Gary J. Dilley
Bernard B. Dreiman
Daniel J. Erickson
Michael L. Freid
William A. Frisbie
William M. Goebel
Allan D. Gross
John D. Harker
Robert E. Hickam
Paul D. Hillis
Randolph L. Kixmiller
Larry M. Kuhlenschmidt
John G. Lee
Dominic P. Lu
Earl K. Phares Jr.
Noble H. Sevier II
John R. Sisk
Charles P. Slavin
Kenton A. Susott
Don M. Wilkins

1972

Stephen R. Branam
Will G. Campbell Jr.
George T. Cloyd
Ronald K. Corley
Richard M. Demko
Leonard H. Garceau
Robert L. Holloway
Larry L. Lindenschmidt
Richard A. Longardner
Edward L. Modesto
Larry J. Peterson
David L. Pitts
David M. Plank
Gary A. Schinbeckler
Frederick H. Simmons Jr.
Glenn M. Smith
Donald L. Smitha
Perry A. Wainman
Donald R. Walker
C. Richard Walker Jr.

1973

Robert J. Achterberg
 Elliott R. Adams
 David L. Alexander
 William G. Andrews
 Robert S. Austgen
 Richard W. Blake
 Walter C. Brown II
 James T. Cirgin
 Richard A. Coffman
 James R. Davis II
 Ralph C. Day
 Michael L. Flannagan
 Gary S. Gritzbaugh
 Carl J. Hash
 Stephen B. Kabisch
 John F. Kalinowski
 Dale R. Krumreich
 Robert D. Lindsey
 James R. McCormick
 Jeanne L. McDonald
 Howard H. Mohler
 Steven R. Mullin
 Richard D. Nickels
 Bruce D. Raibley
 James B. Reid
 Charles L. Robertson Jr.
 J. Harold Smith II
 William H. Truax II
 L. Stephen Ward
 Thomas J. Wickliffe
 Dennis P. Zimmerman

1974

George A. Adams
 Russell P. Beckett
 Loutfi Bitar
 Robert R. Canida
 Bruce E. Dryer
 Llyndall R. Fagg
 David M. Giltner
 James E. Henry
 Charles P. Jones
 David M. Jordan
 Frank A. Kyle Jr.
 John B. Lehman Jr.
 James V. Macri
 Donald W. Mosley
 Bruce E. Nagel
 Donald Nelson
 Allan R. Nowakowski
 Edward G. Prusz
 Douglas F. Reed
 Thomas G. Rosenbarger
 James A. Sarbinoff
 Ronald R. Schlimmer
 Steven T. Short

Gene A. Stutsman
 Gary V. Taylor
 Timothy L. Turner
 Robert E. Wall
 H. Eric Zeller

1975

Richard A. Armstrong
 Clark T. Barco
 Larry L. Barlow
 Robert B. Booher
 Arnold H. Braun
 Gary K. Brown
 James M. Brown
 Pamela S. Brown
 David L. Burns
 Allen W. Butler
 Richard L. Canaan
 Dean D. Craft
 David A. Dickey
 Dennis A. Edmonds
 Sammy J. Euler
 Philip J. Eversman
 Joe E. Forgey
 Phillip S. Frist
 Gary K. Gonzenbach
 Steven W. Hockett
 Kenneth R. Hyde
 Joseph W. Jacobi
 Rodney R. Kalb
 George E. Lanning
 Jacob W. Ludwick
 Gregory S. MacDonald
 Raymond M. Maddox
 Mark E. Mallatt
 Carl W. Newton
 Randolph E. Price
 Joel A. Sagalowsky
 Jack E. Schaaf
 K. Douglas Schmidt
 Kenneth J. Spolnik
 Clay W. Stuckey
 John E. Trok
 Carol I. Turner
 Robert E. Vollmer
 Paul A. Weber

1976

John G. Blazic
 Gary L. Breslauer
 Stephen K. Buckingham
 William P. Cribbs
 Richard M. Edwards
 Gordon K. Green
 Daura C. Hamlin
 Gregory A. Hardin
 Gary J. Hinz
 Patrick P. Johns
 Gregory H. Johnson
 Gregory G. Kamp
 Stephen C. Koehler
 Dennis W. Lamp
 John J. Meier
 David M. Miller
 Charles H. Miller Jr.
 R. Scott Norris Jr.
 Samuel A. Passo
 William E. Paul
 William M. Record
 Kerry A. Schamerloh
 Daniel L. Schmidt
 Peter J. Shelsy
 Mark W. Smith
 Bryan E. Snook
 Alan F. Snyder
 Steven J. Snyder
 John R. Stewart
 Gordon D. Wagoner
 Dianne C. Weidner
 Jack L. Williams

1977

David A. Bussard
 Lee G. Dunker
 Allan W. Estey
 Bruce C. Fields
 Dennis W. Ford
 Barry R. Fritsch
 Brian C. Gibbs
 Thomas J. Hoffman
 Samuel T. Judd
 Mark S. Lund
 J. Keith Lungren
 Jack E. Nicewander
 Jay Rifkind
 Gary A. Scheumann
 Joseph W. Shoemaker Jr.
 Allen R. Stoller
 Frank C. Sung
 David K. Tabereaux
 Lynn R. Thomas
 Terry H. Unfried
 James A. Weddell
 Gregory P. Wysong

1993

Dean Gilmore is the 1st dental school alumnus to be named president of the IU Alumni Association.

As a requirement for graduation, IUSD students provide dental care to homeless patients at the People's Health Center through the center's new Homeless Initiative Program.

Prosthodontic faculty member Rosemary Jones (MSD'86) gives birth to triplets: John-Mark Emil, Molly-Emma Meryl, and Emery Horace Joseph.

The school's 13 departments are reconfigured into 6: Diagnostic Sciences, Oral Biology, Oral Facial Development, Periodontics and Allied Dental Programs, Restorative Dentistry, and Surgery and Hospital Dentistry. (Not long after the number is further reduced to 5, when Diagnostic Sciences combines with Surgery and Hospital Dentistry to form the Department of Oral Surgery, Medicine, and Pathology.)

1994

Lawrence Goldblatt accepts deanship at Case Western Reserve University, Cleveland, Ohio.

1994 *continued*

Charles Goodacre (MSD'74), former chair of prosthodontics, accepts the deanship at his other alma mater, Loma Linda University, Loma Linda, Calif.

"I hope I still have my teeth when I'm 90. And if I do, I hope I'm still coming out to the dental school to have them cared for."—Quote from 77-year-old Kenneth Waldo, who has been a patient at the IU dental school for 60 years. (Update: As Mr. Waldo heads into the new millennium, he's still being treated at the school—66 years and counting.)

Thomas Boehm is hired as the school's 1st computer network manager, forever changing the way people at the dental school communicate with each other and with the world at large. Mr. Boehm begins the arduous task of installing many new computers and bringing all faculty and staff computer users online. (A team of employees now oversees the computers and maintains the school's server. The dental classes of 2001, 2002, and 2003 have joined the faculty and staff online.)

1995

Extensive renovations to the 2nd floor of the dental school result in new pediatric dentistry and orthodontic clinics as well as office and research facilities for the Department of Oral Biology. Dedication ceremonies are held in September.

1978

John L. Ancich
Daniel M. Bade
Gordon P. Bausman
Dayn C. Boitet
John A. Bozic
Erich T. Brewer
Timothy J. Carlson
Steve L. Caudill
Stephen A. Cook
Jerry R. Davis
Bruce W. Drago
Daniel E. Ferman
Valerie R. Fertel
James W. Fisher
Karl F. Frey
William A. Gitlin
Paul T. Jansen
Thomas H. Kapczynski
John F. Knapp
Clarence L. Lopp II
Robert M. Modrowski
Anita M. Murray-Clary
John C. Pfefferle
Forest R. Robertson
William E. Sauter
Brian E. Schoppel
Roger D. SeEVERS
Robert G. Sluka
Jeffrey D. Starr
Charles L. Steffel
Robert T. Stoner
Dean T. Sueda
Martin R. Szakaly
Mark A. Tornatta
James H. Wells

1979

Jan K. Anthony-Starr
William T. Barnes
Joe A. Baumgartner
Gregory A. Berger
Terrill L. Brown
Paul J. Challgren
Dennis L. Church
Jasper P. Downie
Joseph P. Dudding
Janice L. Engstrom
J. Allen Feeley
Michael D. Graham
Ronald L. Hammond
Arthur D. Johnson
David L. Judy
David N. Matthews
Lawrence E. Miller
Cynthia L. Molenda
Assad F. Mora

Terry L. Morgan
Scott W. Morrison
Radamee Orlandi-Alvarez
Thomas R. Peters
William W. Prentice
David M. Radovich
James L. Simpson
Michael F. Tillery
William E. Virtue
Mark A. Vorhies
Stephen K. Williams
George P. Willis
Dennis J. Zent

1980

Robert B. Beckett Jr.
Robert H. Berghoff
Steven W. Buedel
Homer W. Faucett II
Nancy A. Halsema
Hubert R. Hazen
Joseph F. Heidelberg
Jeffrey L. Hollis
Daniel P. Hughes
Kenneth H. Kahn
Kerry R. Knape
Luis G. Loweree
Stephen L. Lucas
Barry W. Ray
Jeffrey A. Rouse
Robin D. Sheets
Carol M. Stewart
Robert A. Stoner
J. Donald Summerlin II
John H. Wallace
Steve E. Wilhite
Mark R. Williams
Gregory J. Wittig
George R. Zundo

1981

Mary A. Bain
Thomas R. Blake
Jan A. Bosserman
Charles E. Crane
Christine L. Culp
Leslie I. Davis
James B. Dippel
Robert D. Findley
Brent T. Garrison
Brent R. Grafe
Ronald N. Hinkel
Suteera T. Hovijitra
David J. Howell
Rodger W. Janes
Curtis N. Kamisugi
Michael J. Kastner

Sidney S. Martin
James E. Morse
Gary A. Nondorf
Michael A. Pitt
Edward F. Posluszny
James C. Potts
Thomas L. Prather
Sidney D. Price
David M. Reznik
Neal B. Richter
Andrew R. Rogers
Sanford S. Saito
Hugh P. Seller
William K. Shonk
John R. Spaulding Jr.
Gregg A. Sweeney

1982

Timothy J. Alford
Michael F. Arnold
Jeff Badell
Thomas K. Brown
Gregory C. Browning
Jeffrey D. Buttrum
Robert S. Cheung
Bradley N. Crawford
Kevin D. Cross
Jon B. Dull
Gregory G. Farthing
Lloyd M. Fujimoto
Vincent M. Guido
David R. Holwager
Mark K. Jackson
Kurt E. Kingseed
Terrance P. Mahoney
Scot C. Mardis
Cynthia S. Merrick
Nancy K. Pruett
Daniel C. Reno
Ronald L. Rumbaugh
Terry G. Schechner
Mark A. Smith
Charles W. Smith
Jack J. Wehrly

80

1983

Bernard J. Asdell
 Jeffrey L. Bassett
 David E. Buck
 Jeffrey A. Dean
 Lawrence G. Falender
 Danny E. Faulk
 John C. Haley
 David W. Hamula
 Michael J. Hayduk
 Linda M. Hoss
 Jaime O. Lemna
 Roger A. Lowe
 John R. Mast
 John E. Moenning Jr.
 Philip C. Roach
 Paul A. Sergio
 H. Vern Smith
 Douglas G. Spaulding
 Pamela A. Steed
 Frederick L. Steinbeck
 Stephen L. Stiller
 Jon W. Susott
 Tzi-Whei K. Tso
 Jennifer E. Ward

1984

Dwight J. Ashby
 Diane M. Bagnoli
 Michael L. Bagnoli
 Michael L. Beachy
 Carol J. Braun
 Kenneth E. Braun
 Jill Burns
 Steven J. Butler
 Brian D. Eberhart
 Nora K. Harmsen
 Karen M. Hays-Ogle
 Jeffrey L. Hodge
 Kevin L. Klinedinst
 Edward T. Mamaril
 Michael E. Meyer
 Ted E. Mioduski Jr.
 Richard T. Newton II
 Brian E. Nunley
 Jeffrey A. Platt
 Robert B. Ray
 L.C. Ress
 John M. Ritter Jr.
 Mark D. Sakurai
 Michael T. Smith
 Gary E. Staadt
 Mark R. Stetzel

1985

Bradley J. Bath
 Diane M. Beecher
 Christopher A. Burns
 Gregory R. Busing
 Sarah J. Cartwright
 Kevin A. Deardorf
 Rodney J. Eccles
 Brent L. Ellis
 Karen E. Fischer Weddell
 Craig M. Kamisugi
 David P. Krause
 Robert A. Kunas
 Richard D. Landry
 Craig T. Leland
 John A. Loeffler
 John G. Luber
 George F. Medler III
 Steven B. North
 Karen R. Panietz
 Louis D. Plumlee
 John B. Pollock
 Gregory A. Robbins
 Jean L. Santa Maria
 Mary R. Staadt
 William C. Tellman
 James Vaiana
 Ching-Shu C. Wagner
 John R. Williams

1986

Thomas A. Bunner
 Stephen J. Clark
 John P. Click
 Eric A. Compton
 K. Luke Eades
 Gwendolyn A. Edmondson
 Kevin S. Fischer
 James L. Fletcher
 Lesley K. Gilbert
 Laura B. Graham
 Steven J. Hoagburg
 Robert P. Janowski
 Randal S. Matsumoto
 Michael J. Mintz
 Scott D. Prusinski
 Stephen W. Rasmussen
 Kirk T. Ripley
 Bryan J. Roy
 Natalie A. Roy
 Douglas A. Stanley
 James M. Strother
 Ronald E. Tedeschi
 Ricky M. Tshako
 Kevin D. Ward
 Todd S. Wyse

1987

Kamal A. Abdel-Wahab
 Joseph S. Bondi
 Guthrie P. Carr
 Alvin H. Chung
 Royce Y. Fujimoto Jr.
 John C. Greif
 James T. Krol
 Lisa A. Lear
 Wesley R. Mark
 Jeffrey S. McBride
 James A. McConnell
 Mark J. Mihalo
 Edmund L. Rapp
 Thomas K. Ringenberg
 Kurt D. Van Winkle
 Annette J. Williamson
 Robert S. Winkler

1988

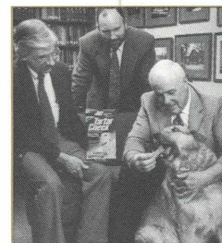
Marcia F. Arnt
 J. Thomas Christie
 Robert Eversole
 David L. Hayhurst
 Marie L. Holt
 William S. Hopkins
 John C. Klooster
 Wayne S. Leong
 Thomas E. Quill II
 Thomas T. Teel II

1989

David J. Barts
 Pablo J. Fonseca
 John R. Kirkpatrick Jr.
 Carl Lerner
 Stephanie M. Litz
 Brett E. Mann
 Matthew B. Monesmith
 Steven M. Pilipovich
 Mariamilagros Sarda
 Michael W. Spalding

1995 *continued*

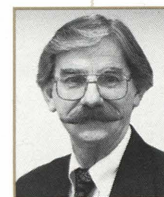
National distribution of Tartar Check, a healthful, tartar-reducing treat for dogs produced by Heinz Pet Products, begins. The product stems from a patent held by George Stookey.



Procter & Gamble has repeatedly turned to researchers at the Oral Health Research Institute to research new Crest toothpastes, including the new gum-care formula it launches in July. Bradley Beiswanger (DDS'67), OHRI director of clinical research, manages this clinical study. It takes 2 years to plan and 6 months to conduct tests on 600 to 900 people.

1996

George Stookey becomes acting dean after Dean Gilmore resigns.



Dean and Chancellor Emeritus Hine attends the IUSD graduation of his grandson, William Hine Jr., whose degree is 66 years newer than grandpa's.

1996 *continued*

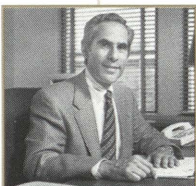
Maynard Hine dies
November 23, and
Joseph Muhler dies
December 24.



The IDA's Pursuit of Excellence fund for the dental school (see 1980 entry) grows to a million dollars. Plans are in the works to use the funds to endow a chair in restorative dentistry.

1997

Dr. Goldblatt returns from a 3-year stint as dean of Case Western Reserve University to accept the deanship at IUSD.



The school launches Year I of a totally revamped dental curriculum that stresses problem-based learning and is taught in part with computers and in small-group seminars.

Dean Goldblatt hires Elizabeth Hatcher to serve as director of staff development and support. She is the 1st person to hold an administrative position that focuses on actively promoting and supporting the development and welfare of IUSD's staff members.

1990

Michael C. Beaty
Joseph P. Hartman
J. Todd Hunt
Georgia A. Knotek
John G. Kostides
Thomas K. Nasser
Kathy M. Patmore
Robert A. Phillips

1991

Grant S. Bailey
Steven A. Douglas
David J. Ellefsen
James D. Heck
Anthony M. Puntillo
Fanny E. Rovira
Lisa S. Shideler
Brian D. Wagoner
Raymond Wong

1992

Michael J. Behnen
Mary E. Brandt
Susan E. Draheim
Christopher W. Gall
Jerold T. Kouchi
Sandra L. Miles
Mindy Mundy-Burgett
Mark D. Shafer
Ron L. Steinbrunner
David A. Warzyniak

1993

Rafik A. Abdelsayed
Daniel A. Burns
David C. Compton
Julie A. Gaydos
Beverly S. Harrison
Bret M. Jerger
Darin K. Kajioka
Su T. Kang
William J. Lee
Matthew D. Pate

1994

Angela R. Becker
Piper C. Clark
William J. Enoka
Diane C. Garrison
Andrew T. Hawks
Kelly A. Jastremski
Kenn K. Kaneshiro
Angie S. King
Tod R. Moreton
Elise S. Pokrzywinski
Theresa A. Ross-Gonzalez

1995

Richard Beckermeyer
Christine Bishop
Linda A. Burns
Todd M. Evans
Tamara L. Hiester
Konstantin V. Pavolotsky
Bryan S. Sigg
Lalaine Y. Smith
Suzanne Stolarz

1996

Paul B. Glass
Eric A. Hein
William C. Hine Jr.
Aaron M. Luttrell
George A. Mighion
Mike R. Warner

1997

Scott A. Grasso
Jennifer B. Kittle
Eric L. Treadwell

1998

Brent A. Bradford
Benson Fung
Vanchit John
Jennifer A. Russell
Brent A. Swinney

The IUSD Office of Development 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's address or by calling (317) 274-3246.

90s

OPERATION: OPERATIVE DENTISTRY

Tom Meador



Professor Michael Cochran and his IU-based staff take the editorial reins of *Operative Dentistry*, the highly regarded journal of the Academy of Operative Dentistry.

With 2,000 copies of the *Operative Dentistry* journal currently on their way to homes and offices throughout the United States and in 53 other nations, new editor Michael A. Cochran dares to breathe a sigh of relief.

Already showing the savvy of a much more seasoned editor, however, he allows himself to revel in the comfort zone for only the briefest of moments.

continued next page

OPERATIVE DENTISTRY



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(ISSN 0301-7734)

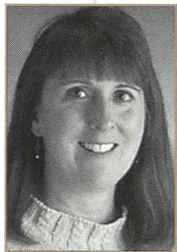
Operative Dentistry editorial staff members, back row from left: Ed DeSchepper, Karen Wilczewski, and Tim Carlson. Front: Bruce Matis (kneeling), Mike Cochran, and Joan Matis.

1997 *continued*

Healthy Crunch, another dog treat developed by George Stookey and his Oral Health Research Institute team, is for sale in Wal-Mart's 1,700 stores nationwide.

1998

Cynthia ("Cindy") Corbin, a senior administrative secretary in the operative dentistry division of the Department of Restorative Dentistry, receives the Non-Academic Staff Council's 1st Staff Excellence Award.



IU bestows title of Distinguished Professor on George Stookey. Only 5 other dental school faculty have been awarded similar titles: Myron Kastle and William Shafer and the late John Johnston, Joseph Muhler, and Ralph Phillips.

Alumna Audrey Gotsch (ASDH'62, BS'63), Basking Ridge, N.J., assumes the presidency of the American Public Health Association.

OPERATIVE DENTISTRY'S EDITORIAL STAFF

EDITOR

Michael A. Cochran
IU Professor

ASSOCIATE EDITORS

Bruce A. Matis
IU Associate Professor

Edward J. DeSchepper
IU Associate Professor

Richard B. McCoy
Former Editor, University
of Washington, Seattle

EDITORIAL ASSOCIATE

Karen E. Wilczewski
Freelance Editor/Graphic
Designer and former Director
of Communications and
Public Relations of the Indiana
Dental Association

MANAGING EDITOR

Timothy J. Carlson
IU Associate Professor

ASSISTANT MANAGING EDITORS

Joel M. Wagoner
Treasurer, Academy of Operative
Dentistry, Beckley, W. Va.

Ronald K. Harris
IU Professor Emeritus and
Treasurer of the American
Academy of Gold Foil Operators

SUBSCRIPTION MANAGER AND EDITORIAL ASSISTANT

Joan Matis

"I have to keep in mind that we still have five more issues to do this year," Dr. Cochran says in an edgy, what's-lurking-around-the-corner voice that fellow editors the world over can relate to.

But we easily detect something more in his voice: the excitement, enthusiasm, and pride he feels in being handed the responsibility—and the honor—of editing one of the world's outstanding dental publications.

It's not a job he is tackling alone. Dr. Cochran, who chaired IU's former Department of Operative Dentistry for several years and is currently director of the graduate operative dentistry program, turned to his friends and colleagues, including faculty members Bruce Matis, Edward DeSchepper, and Timothy Carlson, to build a top-notch editorial staff (this page).

Established in 1976, the journal, which represents both the Academy of Operative Dentistry and the American Academy of Gold Foil Operators, had been edited out of offices at the University of Washington, Seattle, until the Academy chose Dr. Cochran from a list of candidates to become new editor when the position opened up in the fall of 1999. He is the fifth person to serve as editor in the journal's history, and he brings to his position six years' experience as an associate editor of *Operative Dentistry*.

Immediate past editor Richard McCoy agreed to remain on the staff as one of Dr. Cochran's associate editors, which has helped in the journal's transition from Seattle to Indy (not exactly a bump-free ride but one made manageable by a caring group of West Coast staffers).

"Dr. McCoy and his people in Seattle have been extremely helpful," Dr. Cochran says emphatically. "The move simply would not have been possible without them. The entire IU staff paid the Seattle staff a four-day visit before we put our first issue together. After working with the journal for 23 years, they were taking care of all sorts of tasks that were completely automatic for them. It was imperative for us to see everything they were doing to produce the journal."

Dr. Cochran admits to scaling more than a few walls while assembling the first issue on Hoosier soil. His staff scrambled to get the December 1999-January 2000 issue off the presses in November to avoid potential Y2K pitfalls. But amidst the challenges Dr. Cochran still found time to establish his own editorial voice. Longtime readers of *Operative Dentistry* will notice several new aspects of the journal that reflect the new editor's ideas.

Employing his considerable talent as an artist, Dr. Cochran has given a fresh look to the journal's cover while retaining its time-honored design. "Our redesign of the cover is cosmetic only," he says. "Karen Wilczewski, who is responsible for page layout, has made a few improvements to the journal's internal structure. But our goal was to keep *Operative Dentistry* recognizable to its readers."

Dr. Cochran has also created a new section in the journal for invited papers, which will provide a platform for well-known experts on a wide variety of topics. "These papers will be refereed, just as all submissions for *Operative Dentistry* are, but they will be written by the people who have state-of-the-art knowledge in this field," he says.

Dr. Cochran oversees an editorial board of 82 individuals throughout the U.S. and abroad. "The journal has already received 100 submissions in 1999," he says. "Each is reviewed by myself and three other editors—that's why the board is so large."

Another new facet of the journal is its corporate sponsors. "We don't accept advertisements, but we've implemented a program that allows manufacturers to sponsor the journal for an annual fee of \$3,000," Dr. Cochran says. "The fee allows them to run their logo in the journal and provides them with a link from our Web site to theirs."

Six manufacturers signed on as sponsors for the year 2000. The extra revenue benefits the journal in several ways, says Dr. Cochran. "It helps keep the subscription rate for our readers low, and it made it possible for us to bump the number of pages in

each issue from 64 to 72. We are also looking into adding some color photos to the journal at no expense to the authors."

An office next to Dr. Cochran's on the fourth floor of the IU dental school has been turned into the editors' quarters, which can accommodate several busy staff members at once. "IU was extremely generous with the time and the space we would need in order to bring this journal to Indiana," Dr. Cochran says. "We have received tremendous support from this school."

While the editor's position promises to be rich with challenges, it will not fatten Dr. Cochran's wallet. Unlike some editorships, this one pays no salary or stipend. The only members of the staff in paid positions are the subscription manager and the editorial associate.

Dr. Cochran took on this demanding new role because he recognized it for what it was: a unique opportunity. "At this stage of my career, with about 10 years to go before I retire, becoming editor of this journal seemed like something I could do, in addition to my work as director of the graduate program, that would allow me to give something back to my profession. I see it as a contribution.

"*Operative Dentistry* is a great journal," the editor adds with a devotion that undoubtedly will serve him well in his new post. "I'm very proud of it."

EDITORIAL BOARD MEMBERS WITH TIES TO IUSD

Mark Beatty
(MSD'91)

William Brackett
(MSD'86)

N. Blaine Cook
(MSD'97)

E. Steven Duke
(MSD'82)
current IU faculty

Sigfus Eliasson (MSD'74)

Charles Hermes
special student in dental materials 1990-91

Barry Katz
IU medical school faculty
jointly appointed at IUSD

Harold Laswell
(DDS'61, MSD'66)

Melvin Lund
current IU faculty

B. Keith Moore
current IU faculty

David Murchison
special student in dental materials 1990-91

John Osborne
(DDS'63, MSD'68)

Henry St. Germain Jr.
(MSD'83)

1999

Home base for the Department of Oral Surgery, Medicine, and Pathology moves out of the dental school and into quarters in the Regenstrief Health Center. The department's teaching program is now spread out over clinics at Regenstrief, the dental school, University Hospital, and 2 of Wishard Memorial Hospital's community health centers: Grassy Creek and Cottage Corner.

After a 3-year search that is international in scope, the IDA/IUSD committee looking for the perfect candidate to fill the shoes of the Indiana Dental Association Endowed Chair in Restorative Dentistry chooses a well-known lecturer and researcher with ties to Indiana. IU welcomes back E. Steven Duke, a longtime faculty member of the University of Texas Health Science Center, San Antonio, and an '82 grad of IU's master's degree programs in operative dentistry and dental materials.

As president-elect of the Indiana Dental Association, alumna Jean (Radike) Williams (DDS'69), Crawfordsville, will preside over one of the nation's finest dental organizations in the new millennium. She will be the 1st woman to hold this distinguished office.

T O S U B S C R I B E

Dental professionals who are not members of the Academy of Operative Dentistry are welcome to subscribe to the Academy's journal. The subscription rate for *Operative Dentistry* is \$60 per year for individuals living in the U.S. and \$70 for those living elsewhere. Send check or money order to Editor, *Operative Dentistry*, Room S411, Indiana University School of Dentistry, 1121 West Michigan Street, Indianapolis IN 46202-5186. For more information, contact the editor by e-mail: editor@jopdent.org; or visit the Web site: www.jopdent.org.

SPECIAL DELIVERY

The close of the 1998-99 school year at Indiana University School of Dentistry was more exciting for some than for others.

Take David Allen, of Clackamas, Ore., for example. He spent the afternoon of June 23, 1999, delivering his best effort on an exam that was the last one during the long and mostly sleepless finals week for first-year dental students.

He had no idea that before dawn he would also be delivering something else: his second son.

Tanner Jay Allen arrived at 4:41 a.m. on June 24, taking David and his wife, Alison, by surprise.

Not that the baby hadn't dropped a few hints along the way. In the two weeks preceding the birth, the Allens had made four "false alarm" visits to the hospital, including one just a few hours before David wound up helping his wife give birth to Tanner on the couple's bathroom floor.

On that last trip to the hospital, finding herself no nearer than

usual to the delivery room by 2 a.m., Alison once again headed for home with her husband. Consumed by exhaustion, they fell into bed.

But slumber was brief. Feeling unwell, Alison asked David to help her to the bathroom. Within moments it was apparent that the baby had no intention of waiting for hospital trip #5.

Valuable assistance came from Alison's mom, who was staying with the couple to look after their toddler, 18-month old Andrew, and to help with the infant when it arrived.

"My mother-in-law called 911, and passed directions to me from the operator so that I didn't have to deal with the phone," says David.

Alison placed her confidence in David. "I knew he would take care of things," she says. "I trusted that whatever he was doing was going to be right."

She adds with a laugh: "He even stopped to wash his hands before he began." (David credits his dental school microbiology lessons for that wise move.)

"Everything happened so fast," he recalls. With no time to worry or to contemplate their predicament, David calmly followed the step-by-step directions of the 911 operator. The father delivered his son—all 8 pounds, 9 ounces of him—without a hitch.

The entire episode, from departing the bedroom to delivering Tanner, took seven short minutes. David was relieved when the four paramedics took over post-delivery maneuvers, which involved a treacherous stretcher ride for Alison down the narrow stairwell in their home. Mother and child, both in excellent condition, were released from the hospital in 24 hours.

David treasures one particular memory above all others on that most memorable of nights.

"The paramedics pulled up just as the baby was emerging," he says. "When they knocked on our door, my mother-in-law went downstairs to let them in. So, for the actual moment of birth, it was just Alison and me, all alone, bringing our new baby into the world together."



Tom Meador

Tanner Allen, four months old here, poses with his parents and big brother, Andrew, 2. The birth of Andrew, by the way, was one of two wonderful things that happened to the Allens on December 6, 1997. "When our first son was born, we named him Andrew David to complement my name, David Andrew," says David. "Later that same day, I received my acceptance letter to dental school at Indiana University." Soon after, the couple realized they had inadvertently given their first child an interesting set of initials for the son of a future dentist: A.D.A.

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