

INDIANA UNIVERSITY
SCHOOL OF DENTISTRY

Alumni Bulletin

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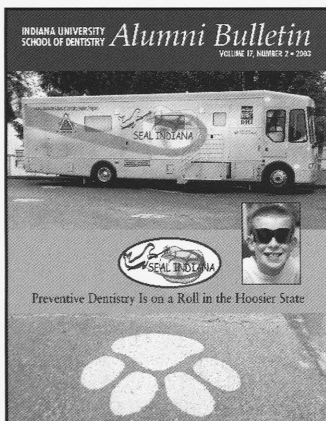


Preventive Dentistry Is on a Roll in the Hoosier State



FEATURES

On the Cover



The IU School of Dentistry's new Seal Mobile — shown here in the driveway of the Marie Thurston elementary school in Alexandria, Ind. — is a very large vehicle, but its goals are larger still.

Through the SEAL INDIANA program, the dental school is working in cooperation with Indiana's dentists to locate Hoosier children who are not receiving dental care; to provide those children with dental exams and, when indicated, with protective sealants; to assist the children in finding a dentist in their own community who can provide continuity of care; and to create a new series of service-learning opportunities for IUSD's students.

The Seal Mobile rolled off the manufacturer's lot in February 2003 and into a variety of Hoosier communities just a few days later. As of summer, more than 1,000 children have already been seen aboard the mobile clinic, including 10-year-old Ivan Irwin of Alexandria (inset).

Dr. Karen Yoder, a co-director of SEAL INDIANA and one of the clinic's very busy on-board practitioners, steps away from the action long enough to tell us about the program, a unique collaboration between the IU dental school and the state's dental professionals.

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Cover photos by Tom Meador.

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From the Dean

My Dear Friends and Colleagues,

As I write this column we are approaching the close of the 2002-03 fiscal year and the beginning of the next.

With this passage comes the annual challenges of assessment of the past year and planning for the next. This particular year presents us with both daunting challenges and exciting new opportunities. The new economic realities of academic life have left us once again this year with fewer actual operating funds from the state than last year. The latest analysis shows that less than 32% of our total budget now comes from our state appropriation. This has caused us to have to defer filling some key positions and beginning important projects until we can identify the funding to do so.

At the same time, however, we have been engaged for the past 15 months in an intensive process of strategic planning, which has yielded critically important data. This information will allow us to continually analyze our finances and plan for the future in ways we have never been able to do before.

The financial model that has emerged, under the direction of James N. Johnson, director of the Economic Model Office at IUPUI, is clarifying the costs and revenues associated with virtually every function in our School of Dentistry, from teaching a particular class to operating a particular clinic to carrying out research.

With the aid of this tool, the collective experience, knowledge, and vision of all our faculty, staff, students, alumni, and friends will place us in the best

possible position to plan for our future in a way that keeps our school financially sound, focused on our missions, and in a leadership position within our university and profession.

This strategic planning process could not possibly have come at a better time. We are all participating in it, and we will all benefit from it.

The new economic realities of academic life have left us once again this year with fewer actual operating funds from the state than last year. The latest analysis shows that less than 32% of our total budget now comes from our state appropriation.

Also within the past month, two very important leadership positions have been filled in our university family.

On June 1, Dr. Charles R. Bantz assumed the position of chancellor of IUPUI. Dr. Bantz, formerly provost and senior vice president for academic affairs at Wayne State University in Detroit, is only the fourth chancellor of our campus, following in the footsteps of Gerald L. Bepko, Glenn W. Irwin, and the campus' first chancellor, our own Maynard K. Hine.

And just last week, the IU Trustees named Dr. Adam W. Herbert the next president of Indiana University. Dr. Herbert was formerly executive director of The Florida Center for Public Policy and Leadership at the University of North Florida, and, prior to that, chancellor of the State University System of Florida.

We are all very excited about the appointment of these two outstanding educators and look forward to the continued growth, impact, and greatness of both IUPUI and Indiana University.

In this issue of the *Alumni Bulletin*, you will read about two very important programs we are proud to unveil.

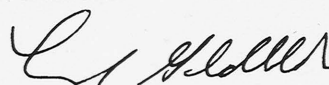
The SEAL INDIANA program will allow IUSD to partner with organized dentistry in Indiana to help provide access to dental care to those children who need it most and at the same time to work with the local dental societies to seek dental homes in the

private practicing community for as many of these children as possible.

Also, the new dental assisting program for part-time students is a very innovative approach to increasing the number of graduates of our dental assisting program while simultaneously providing a part-time option for those students whose other responsibilities make full-time enrollment impractical.

Change is accompanied by stress and uncertainty, but it is also accompanied by unparalleled opportunity. We are experiencing both, but we are confident that the latter will prevail.

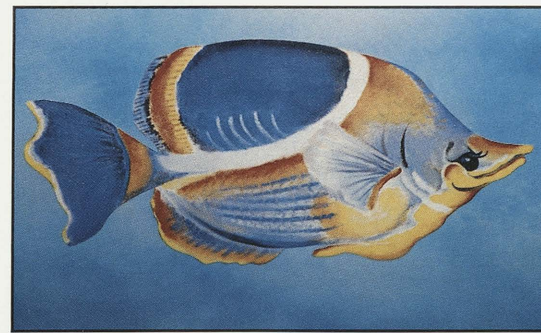
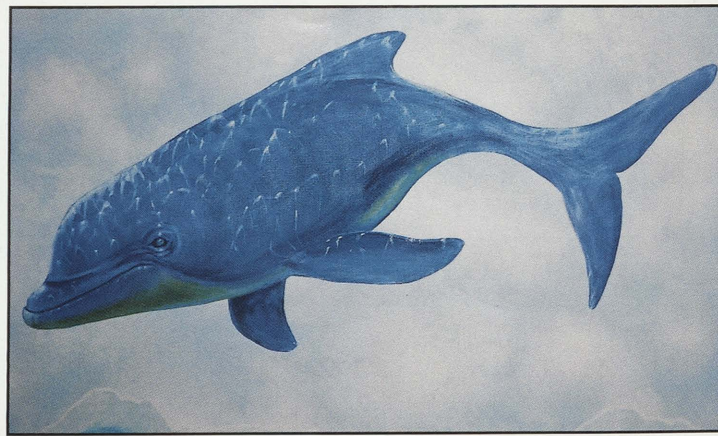
Thank you so much again for the privilege of being your dean. I will write again soon. You do too.



Lawrence I. Goldblatt, DDS, MSD
Dean



The Seal Mobile team, from top: SEAL INDIANA director Karen Yoder, dental assistant B.J. Hoge, dentists Roger Isaacs and Charles Smith, and mobile clinic coordinator Ed Childress. Not pictured is the sixth member of the team, dentist Charles Hazelrigg.

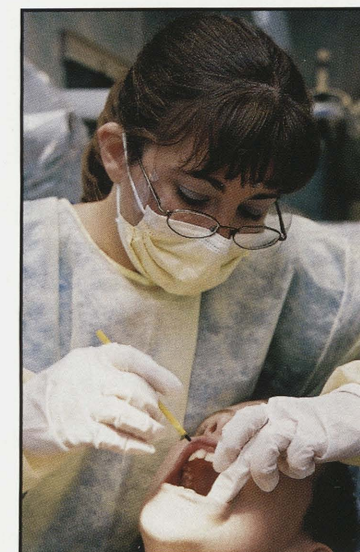


Mobilizing Efforts to Keep Kids' Teeth in a Healthy State

SEAL INDIANA:

With start-up funds from IUPUI and the Indiana State Department of Health and with an endorsement from the Indiana Dental Association board of trustees, the IU School of Dentistry's new Seal Mobile hit the road in March 2003 with the goal of providing dental exams and sealants to kids in need — and striving to find, for each one of them, a permanent dental "home."

by Susan Crum



Photos by Tom Meador

New dental hygiene graduate Lesley Percy volunteers her services on board the Seal Mobile in Alexandria, Ind.



The Seal Mobile was introduced to the dental school and its alumni at a reception held April 22 in conjunction with the school's Research Day program. Performing the ribbon cutting are Dean Lawrence Goldblatt and Joni Albright, assistant commissioner of the Indiana State Department of Health. The ISDH has provided more than half of SEAL INDIANA's funding.

A little boy, I'll pretend his name is Joey, bounds up the stairs of the Seal Mobile and slides into a seat just inside the door, right across from mine. He's 10 maybe, 11 at the most.

The mobile clinic is visiting an elementary school in Alexandria, Ind., in Madison County today, and I'm there to observe.

It's exceptionally humid for May and I regret my choice of clothing, but Joey's dressed for comfort in a sleeveless tee, baggy slacks, and running shoes.

He's lacking only a frame around his face to be a Norman Rockwell kid, 21st century-style: close-cropped hair; intelligent, inquisitive eyes; a smidgeon of freckles.

Joey's handsomeness is nearly flawless — all that's missing is a smile.

Having earlier spotted big yellow paw prints painted all over the school's driveway, I ask the youngster if he's a Tigers fan.

"Sure," he says good-naturedly, shooting me a look that seems to say: Who isn't?

So then I ask him if he's excited about seeing the Seal Mobile dentist.

"Well, I already know I have a cavity," is his sober reply.

"Oh, c'mon now, how do you know you have a cavity when you haven't even seen the dentist yet?" I blurt without thinking, then bite my tongue, knowing I don't want to hear Joey's answer.

"Because my tooth really, really hurts," he says softly. His index finger instantly targets the sore spot at the back of his mouth. He rubs the gum line above the tooth, then turns away from me as if he's embarrassed to be seen in pain.

I too turn away, only in my case it's to hide my shame at having asked a child such a foolish question.

After Joey is called into the clinic area of the Seal Mobile for

his examination, more children climb on board, and before long the "waiting room" — a few square feet behind the driver's seat — is crowded with a nice bunch of kids who seem to be enjoying their reprieve from class. I leave the unit for a while to give them more room to spread out.

But I find out later that Joey is wrong about his dental condition. He doesn't have a cavity after all — he has several.

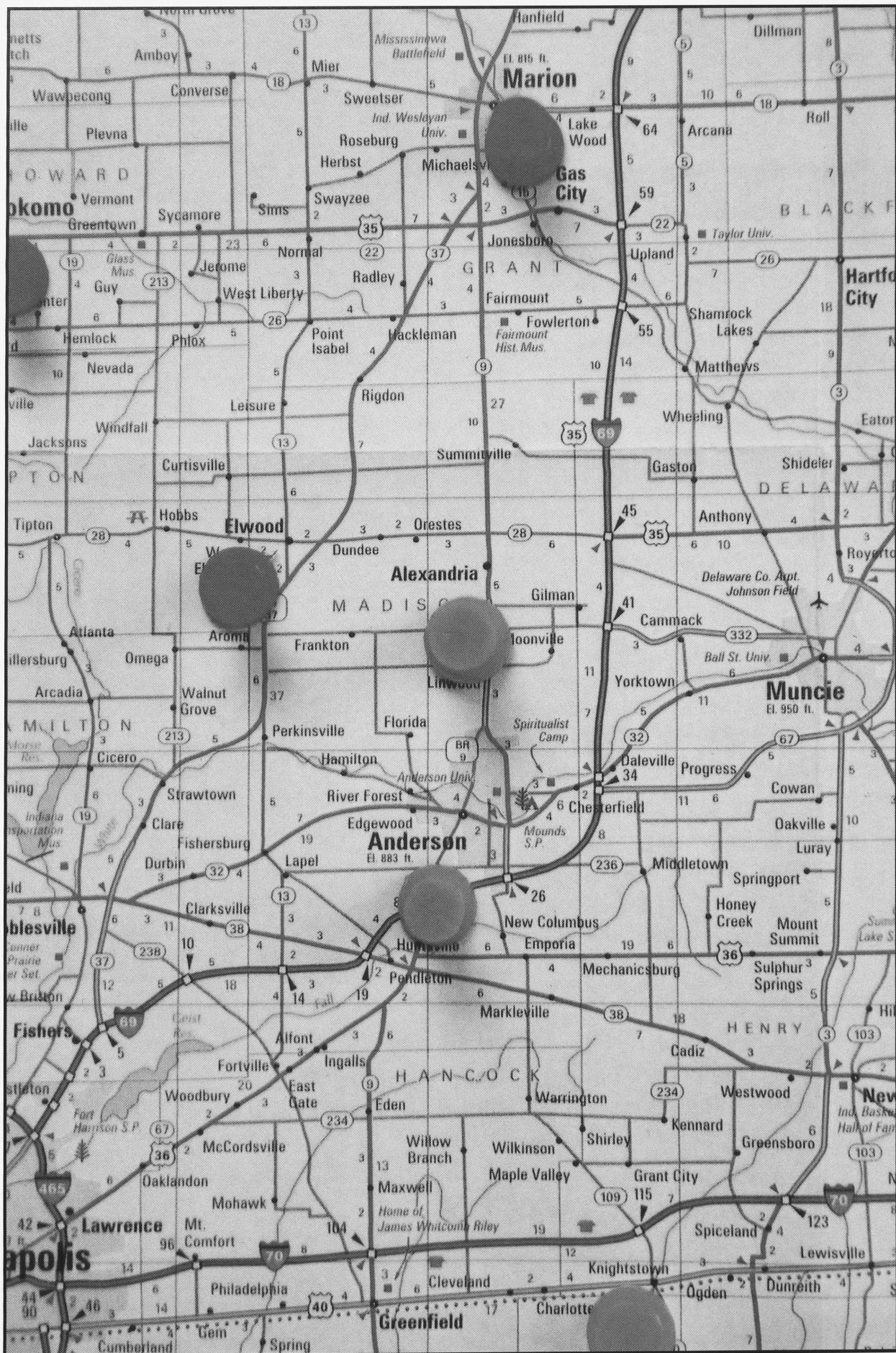
It is beyond the scope of the Indiana University School of Dentistry Sealant Program, also known as SEAL INDIANA, to provide restorative dentistry to Joey, or to any other child.

But if the program succeeds in its primary missions, it will send the Seal Mobile throughout Indiana — to 91 of the state's 92 counties — not only to provide low-income children with protective dental sealants but also to match kids like Joey with local dentists who can provide ongoing care to the children who are most in need.

SEAL INDIANA's goal is four-fold, says Dr. Karen Yoder, the IU dental school's director of community dentistry. She also co-directs SEAL INDIANA with Dr. Domenick Zero, the school's associate dean for research and chair of the Department of Preventive and Community Dentistry.

The program will work in cooperation with Indiana's dentists:

- to identify children in the state who are not receiving dental care;
- to take the Seal Mobile into Hoosier communities to provide dental exams and preventive care in the form of dental sealants and fluoride varnishes;



A map on board the Seal Mobile. More than 1,000 children have already been seen in towns throughout the state.

- to help children in need identify a local dental clinic or private practice in which they can receive restorative services and continuity of care; and
- to create for the school's dental and dental hygiene students a service-learning environment where the students' understanding of issues related to community oral health and dental services access can be fostered.

The targeted populations are children enrolled in Title I schools (schools with the highest percentage of children who qualify for free lunch programs) and Head Start programs as well as children seeking services from community health centers.

Currently, Indiana falls far short of the Healthy People 2010 national health objective of having sealants on the teeth of 50 percent of all children.

Dr. Yoder estimates that the percentage in Indiana is under 25 — and much lower in Title I schools, which serve many of the state's impoverished children.

"We did a study in Fort Wayne that showed only 10 percent of Title I schoolchildren have sealants," she says. "Indiana falls right in line with the national trend."

By initiating a state-wide oral health program for underserved populations, SEAL INDIANA is committed to helping the state move closer to the Healthy People 2010 goal of increasing the use of sealants while also decreasing the proportion of kids with untreated caries and reducing disparities in access to care.

The program, Dr. Yoder stresses, is not for kids who already receive dental care. "Our letter to the parents clearly states that this program is for children who do not have a family dentist, and who have not had routine dental care for over a year," she says.

SEAL INDIANA's goals and objectives present a formidable challenge, but one that Karen Yoder and her colleagues didn't shrink from after the plans they presented to the Indiana Dental Association board of trustees received a strong endorsement. She is one of a seven-member IUSD community dentistry planning committee that also includes full-time faculty members Nancy Young, Domenick Zero, and Paul Zitterbart; part-time professors Charles Smith and Mark Mallatt; and staff member Sharon Gwinn. Dr. Mallatt is also director of oral health services at the Indiana State Department of Health.

"Before we even applied for a grant, Dean Lawrence Goldblatt and our committee met with the IDA's board members to explain the proposed, not-for-profit program," Dr. Yoder says. Their vote to endorse it, which came in December 2000, was unanimous.

Dr. Yoder recalls feeling impressed — and inspired — by the IDA board's enthusiastic support. "This was a big com-

mitment on the part of the IDA," she says. "The vote showed their trust in us to use the mobile clinic appropriately."

During September and October of 2002, all 14 of the IDA's component dental societies received a visit from one of the committee members, who explained the details of the program and sought feedback from the membership.

To get the mobile clinic off the drawing board and onto the streets of Indiana, the dental school sought funding through grant applications to the Indiana State Department of Health (ISDH) Maternal and Child Health division and the IUPUI campus Research Investment Funds division. The ISDH based its decision to fund SEAL INDIANA on its concern about the need to increase the application of sealants in Indiana, and funds were awarded by IUPUI with the stipulation that the mobile clinic would be used by the school to conduct community-based research consistent with SEAL INDIANA's goals.



During the Seal Mobile's visit to Alexandria, Karen Yoder (left) and Deanna Haggerty Cooper, a Title I school coordinator, meet briefly with local dentist David Steele (DDS'70) in his office downtown.

Indiana Dentists by County

(sorted by ratio of dentists to population)

The ratio of dentists to population varies widely in Indiana, as this chart shows. Dr. Yoder says many requests for Seal Mobile services come from rural counties in the southern part of the state, where there are few dentists for the size of the population. "The rural areas will be our greatest challenge," she says.

Information Sources: Indiana Health Professions Bureau and 2000 Census Data

COUNTY	POPULATION	#DENTISTS	DDS/POPULATION RATIO 1:X
Hamilton	182,740	167	1094
Starke	23,556	2	1177
Marion	860,454	703	1223
Hendricks	104,093	73	1425
Howard	84,964	55	1544
Johnson	115,209	72	1600
LaPorte	110,106	66	1668
Jefferson	31,705	19	1668
Vanderburgh	171,922	102	1685
Bartholomew	71,435	42	1700
Floyd	70,823	41	1727
Boone	46,107	26	1773
Vigo	105,848	59	1794
Allen	331,849	182	1823
Montgomery	37,629	20	1881
Monroe	120,563	63	1913
St. Joseph	265,559	137	1938
Lawrence	45,922	23	1996
Tippecanoe	148,955	74	2012
Lake	484,564	237	2044
Marshall	45,128	22	2051
Porter	146,798	71	2067
Delaware	118,769	57	2083
Wayne	71,097	34	2091
Harrison	34,325	16	2145
Ripley	26,523	12	2210
Hancock	55,391	24	2307
Perry	18,899	8	2362
Kosciusko	74,057	31	2388
Gibson	32,500	13	2500
White	25,267	10	2526
Greene	33,157	13	2550
Steuben	33,214	13	2554
Elkhart	182,791	71	2574
Adams	33,625	13	2586
Know	39,256	15	2617
Warrick	52,383	20	2619
Dubois	39,674	15	2644
Morgan	66,689	25	2667
DeKalb	40,285	15	2685

continued next page...

COUNTY	POPULATION	#DENTISTS	DDS/POPULATION RATIO 1:X
Wabash	34,960	13	2689
Grant	73,403	27	2718
Jay	21,806	8	2725
Jasper	30,043	11	2731
Ohio	5623	2	2811
Henry	48,508	17	2853
Carroll	20,165	7	2880
Noble	46,275	16	2892
Madison	133,358	46	2899
Clark	96,472	33	2923
Huntington	38,075	13	2928
Fulton	20,511	7	2930
Putnam	36,019	12	3001
Whitley	30,707	10	3070
Clinton	33,866	11	3078
Sullivan	21,751	7	3107
Jackson	41,335	13	3179
Pike	12,837	4	3209
Scott	22,960	7	3280
Tipton	16,577	5	3315
Randolph	27,401	8	3425
Pulaski	13,755	4	3438
Wells	27,600	8	3450
Martin	10,369	3	3456
Decatur	24,555	7	3507
Fountain	17,954	5	3590
Fayette	25,588	7	3655
Daviess	29,820	8	3727
Clay	26,556	7	3793
Orange	19,306	5	3861
Posey	27,061	7	3865
Shelby	43,445	11	3949
Miami	36,082	9	4009
Spencer	20,391	5	4078
Parke	17,241	4	4310
Washington	27,223	6	4537
Rush	18,261	4	4565
Dearborn	46,109	10	4610
Benton	9421	2	4710
Newton	14,566	3	4855
Brown	14,957	3	4985
Lagrange	34,909	7	4987
Cass	40,930	8	5116
Owen	21,786	4	5446
Franklin	22,151	4	5537
Vermillion	16,788	3	5596
Jennings	27,554	4	6888
Blackford	14,048	2	7024
Union	7349	1	7349
Warren	8419	1	8419
Switzerland	9065	1	9065
Crawford	10,743	1	10,473

Emphasis will be placed on narrowing the gap between research and practice, making IUSD's researchers, faculty, and facilities more accessible to dentists throughout Indiana.

Altogether, the school was awarded \$547,000 in matching funds from the ISDH and IUPUI; the department of health provided an additional \$60,000 in start-up funds and has recently decided to supplement the clinic's activities with an annual award of \$30,000.

But it is up to the Seal Mobile to find its own way, financially speaking, for the long haul. The program must become self-sustaining, and to do so it will rely on reimbursements from Medicaid and the Hoosier Healthwise insurance program for low-income families, sliding fee schedules, and additional grants as such opportunities arise.

Clinic on a Roll

Delivered to the school on Feb. 25, 2003, the custom-built Seal Mobile did not wait around for even a photo op before beginning its journey into Hoosier communities just a few days later.

At 40 feet in length and bathed in a high-gloss paint, the clinic is a startling, graceful beauty as it rolls in and out of Indiana's towns. Its pale, sea-blue color is inset with a delicate lavender, and a sweeping brush stroke of a deeper purple hue curls around the image of a molar.

A seal-like figure gently touches that tooth with a wand, presumably of the magic variety. It's a graphic that's sure to connect with kids as they step on board the clinic to receive an invisible, and therefore seemingly magical, protective coating on their teeth.

Also adorning the unit are the logos of the three institutions that support SEAL INDIANA: the IU dental school and the clinic's funding sources, the Indiana State Department of Health and the IUPUI campus.

On board, the clinic is remarkably well appointed and surprisingly spacious for an on-the-road vehicle. Two stationary dental units take up the mid-section of the vehicle, and a separate room in the back is outfitted as a sterilization facility.

And with a dazzling array of colorful, aquatic creatures painted into the soothing ocean scene that covers the interior walls of the clinic, children don't have to

including Charles Hazelrigg of the oral facial development department and Roger Isaacs and Charles Smith of the preventive and community dentistry department. Dr. Isaacs typically devotes three days a week to the program, and Drs. Hazelrigg and Smith each treat Seal Mobile children one day a week.

B. J. Hoge serves as the unit's dental assistant, supplies manager, and certified infection control technician.

As the mobile clinic's coordinator, Ed Childress handles a variety of duties including the challenging task of driving and maintaining the Seal Mobile as



The Seal Mobile easily attracts volunteers from the dental school. In Alexandria, the Seal Mobile team gets an assist from second-year dental student Catherine Kroczeck (left) and newly graduated dental hygienist Elizabeth Kelley.

stretch their imaginations much to picture themselves drifting in a boat instead of reclining in the dentist's chair.

The Seal Mobile also carries four portable dental units that will be set up in school gymnasiums, health centers, and other community centers whenever large numbers of participants are anticipated.

SEAL INDIANA is funded for four full-time employees.

The dentist's role is shared by three part-time IU professors,

well as a passenger vehicle that transports team members from one site to the next.

"Both B.J. and Ed fulfill much bigger roles than their titles suggest," says Dr. Yoder. "They are invaluable."

The fourth position, SEAL INDIANA's program manager, is currently being looked after by Dr. Yoder while a search is under way for a permanent manager.

The staff's efforts will be complemented by those of IUSD's

dental students, all of whom will be required to serve on board the Seal Mobile, as well as volunteers from the dental hygiene programs at IUSD and other campuses.

Dental students will fulfill one of their graduation requirements by undertaking a three-day rotation on the mobile clinic in their fourth year of studies. The inaugural rotation is set to begin during first semester of the 2003-2004 academic year, although many dental hygiene and dental students have already served on board the Seal Mobile as volunteers.

For example, dental hygiene students from the IU South Bend campus volunteered for services when the mobile clinic visited Goshen last spring.

"The students gave the Seal Mobile rave reviews," Dr. Yoder says. "They found it to be a good experience."

The Seal Mobile is expected to play a key role in the expansion of the dental school's service-learning program for students.

"SEAL INDIANA will take faculty and students to Title I schools throughout Indiana to provide education, examinations, and sealants, when appropriate," says Dean Goldblatt. "This important service-learning program will improve access to oral healthcare in areas of the state most in need."

Dr. Yoder agrees, and the Seal Mobile team has designed a rotation that will do far more than hone students' clinical skills.

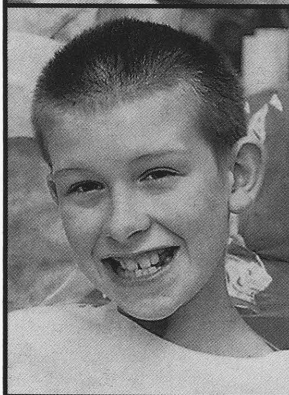
"We have in place an orientation for the students that will give them a better understanding about the sites we will be visiting," she says. "Head Start programs, for example, have certain characteristics, and serve a certain population. We want students to understand how such

programs are funded, whom they serve, and how their missions are defined. Students should know that these programs are prevalent in every community in Indiana, and no matter where they practice these programs will be there. If students can gain a basic understanding of what programs like Head Start are all about, they'll be able to better understand how their own community functions when they become practitioners."

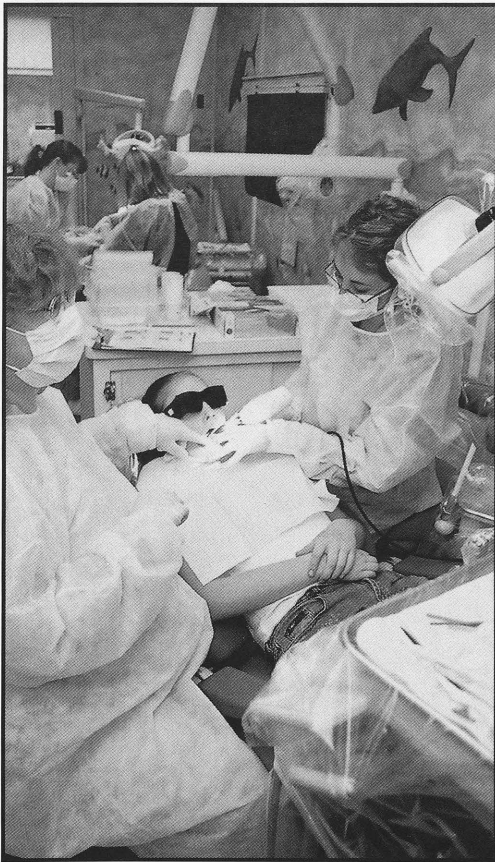
Students will also be engaged with Head Start program directors and principals of Title I schools, who will be asked to speak with the students at each site in an effort to help them understand the unique needs of each community, and each child.



Before slipping into the dental chair, Ivan Irwin can't resist trying out the driver's seat.



Alexandria youngster Ivan Irwin (in chair and inset) is one of about 25 children who were seen at the Marie Thurston elementary school, a treatment site that drew children from three of the town's grade schools. Ivan is being cared for here by Dr. Charles Smith, one of the three part-time IU faculty members serving as Seal Mobile dentists; and dental hygienist volunteer Lesley Pearcy (ASDH'03).



A view of the two-unit Seal Mobile from the area behind the driver's seat. At the busiest sites, four extra portable dental units can be set up inside schools and community centers.

"Is there a particular cultural population that this community serves? What are the challenges and assets of this rural community school, or in that inner city school? These are the questions we want students to ask, so that they may have greater insight about the people they are serving and the role they will play in their own communities as healthcare providers," says Dr. Yoder.

Reaching Those in Need

More than 1,000 low-income children in dozens of locations were examined during the Seal Mobile's first four months on the road, and more than 3,000 will be seen in the first year.

The Seal Mobile team is learning quickly how to adapt to a full schedule that at times seems only slightly less hectic than a rock-band's tour.

On its first day in operation, the mobile unit visited southern Indiana Head Start programs in Madison, which is in Jefferson County, and North Vernon, located in near-by Jennings County.

"We went to two towns on our very first day, and we learned on this first voyage that that's not a very smart thing to do!" Dr. Yoder says with a laugh. The team hadn't factored into their schedule the considerable extra time it would take them to strap down all the equipment and supplies for the ride between the two sites. The program now schedules only one community site per day.

The Seal Mobile is expected to operate about 200 days out of the year and it will serve all counties except for Marion, whose underserved children are targeted by a mobile unit that belongs to the Marion County Health Department.

It may seem ironic that the Seal Mobile travels to the state's Head Start programs, which provide services to children who are 3 to 5 years old — not yet mature enough to have sealants on their teeth; but these visits help SEAL INDIANA fulfill a secondary mission of assisting the state's Head Start programs with their often-overwhelming oral healthcare obligations.

"The Head Start programs are required by Federal Performance Standards to provide complete restorative care for every child

— and in Indiana, that's 14,000 kids," says Dr. Yoder. "We found that some of the programs enrolling up to 800 children are taking a couple of children at a time to private dental offices for exams and prophies, and it's consuming the entire year just to get that much done for so many children. Consequently, at year's end, each child has had an exam and prophylaxis but the children who are severely in need of restorative care have not gotten it. So, we are offering triage, to do the exams and identify those who need restorative care so that Head Start can seek treatment within the community for the children who so desperately need it."

Tailoring a Program to Suit Each Community's Needs

In her temporary role as the Seal Mobile's program manager, Karen Yoder scrambles daily to keep up with a workload that involves everything from placing sealants as a practicing dental hygienist on the clinic team to assembling thousands of information packets for distribution in the schools to networking with as many dentists, Title I school principals, and Head Start administrators as are able to fit her into their schedules.

Every time a Title I school makes arrangements with Dr. Yoder for a Seal Mobile visit, all children in the school are given a multi-page application/informed consent packet to take home to their parents.

Responses vary dramatically from one community to the next. Out of 700 children in one school system, 25 informed consent forms may be returned; in a similar-sized school, 250 might come back. When the interest is great, the Seal Mobile is prepared to stay at the location for

several days, until every child is seen.

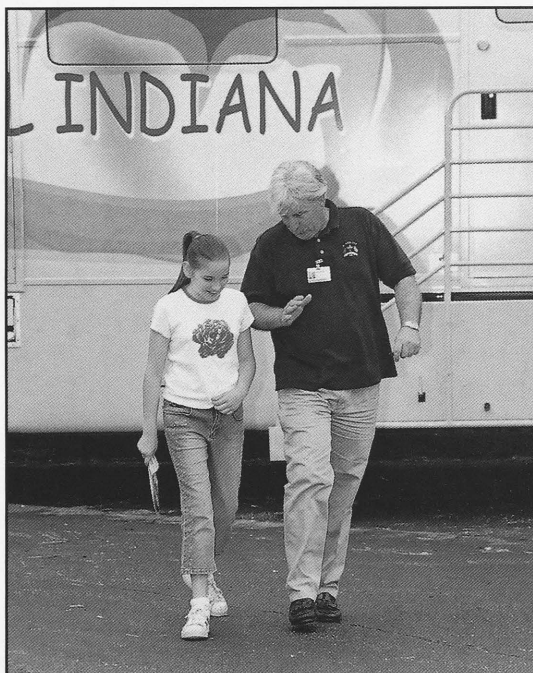
As the unit moves from town to town, Dr. Yoder tries to precede each upcoming visit with a letter to dentists in the community to see if she can engage them in a conference call or stop by their offices to discuss the program. "I call them when we get to town to invite them to come over and tour the Seal Mobile," she says, patting a tall stack of papers on her desk that constitute her growing list of contacts. "The general response has been ample, and very positive. Our concern about follow-up care is very basic to our mission, and different responses are emerging from different communities, probably in part as a reaction to these meetings."

Dr. Yoder realizes that the program's ongoing success will depend upon SEAL INDIANA's ability to adapt to the unique needs of each community. She listens intently to every person's viewpoint.

One of her most gratifying experiences with the program thus far came during a meeting in Goshen, for which half of the town's dentists turned out.

"They said that none of them were accepting new patients or Medicaid," Dr. Yoder recalls. "But then, they also said that if the Seal Mobile team would identify the 50 to 100 Goshen children having the greatest dental needs, they'd take care of those kids for free."

Another example of how SEAL INDIANA is prepared to adapt took place in Bloomington, where the superintendent of schools requested that the Seal Mobile serve all of Bloom-



All children are escorted between school buildings and the mobile clinic. On a trip back to the Thurston school, Seal Mobile coordinator Ed Childress chats with Alexandria grade-schooler Amber Smith, who received sealants during her dental appointment.

ington's schools, not just those with a Title I designation.

"He was planning on calling a mobile clinic in Michigan to serve Bloomington's students if we couldn't accommodate the request, so we talked to the local dentists," Dr. Yoder says.

"Bloomington's dentists said they preferred that our mobile clinic serve the school system, so we are setting aside our policy in order to fulfill the particular needs of this community. Some decisions, you just have to make on your feet."

Dr. Yoder is certain that SEAL INDIANA's shape and substance will only be enhanced over the years by the unique relationships it will enter into with multifaceted communities throughout the state.

"That's our rationale for meeting with dentists in the individual communities," she says. "We have always intended to work closely with the dentists in the

places we visit. Without that close working relationship, there's no benefit to the children once the Seal Mobile is gone. It's fundamental to the program to involve local dentists who are supportive, and who are willing to treat the children who need follow-up care."

Connecting the Final Link

With SEAL INDIANA's preventive dental services for children flourishing aboard the Seal Mobile at this point and with a burgeoning list of schools and programs to visit around the state, the team is now eager to put in place the final link in the program: a network of case managers who will serve as liaisons between families in need and the available dental services within each community.

During SEAL INDIANA's initial phase, Dr. Yoder has relied heavily on nurses in the school systems and health coordinators in the Head Start programs to find local resources that can provide follow-up care for children in need of restorative dentistry.

"They've been very helpful," says Dr. Yoder. "The school nurses have been especially responsive, and they are grateful for the preventive services we are able to provide."

But the amount of time that school nurses and program coordinators can devote to these tasks is very limited, so SEAL INDIANA is seeking funding to cover the cost of placing part-time case managers in Indiana communities where the need is greatest.

The case managers will fulfill a sizeable and critically important role, says Dr. Yoder. "They will provide the type of services

that can help families feel comfortable with the concept of having a dental home, making it more probable for parents to recognize oral healthcare as a high priority and to therefore seek ongoing care for their children. The case managers could help the parents with such tasks as enrolling in Hoosier Healthwise, locating a local dental office or clinic that will accept payment through Hoosier Healthwise or Medicaid, setting up the appointments, and even going with them to the first appointment if needed."

A great deal of work already awaits the case managers. "Forty percent of the children seen so far on the Seal Mobile have untreated dental decay," says Dr. Yoder.

A paper trail is created for every child who boards the mobile clinic. "We're keeping records on each child, and we intend to return to each community the following year to reexamine the sealants and repair them, if necessary," says Dr. Yoder. "We will also document how much follow up care has taken place for the children who had restorative needs."

As the IU dental school prepares to launch the 2003-2004 academic year, Dr. Yoder and the Seal Mobile team eagerly await their opportunity to initiate the clinic's dental student rotation.

It's been an exhausting four months, but Dr. Yoder is proud of everything the Seal Mobile group has achieved thus far.

"We have a wonderful team," she says. "This experience has been exciting, innovative, and challenging."

But Karen Yoder soon guides our talk back to the youngsters, revealing that uppermost in her mind, as always, is the welfare of the Seal Mobile kids.

"The children we've met? They've been *terrific*," she says warmly, almost as if she were speaking of her own.

How You Can Help

SEAL INDIANA needs the services of dentists throughout the state.

If you would like to participate as a volunteer or initiate a program in your community, contact the head nurse at the school corporation in your area or the health coordinator at your local Head Start program and Karen Yoder at kmyoder@iupui.edu.

Dr. Yoder also welcomes your calls and letters if you have questions about SEAL INDIANA.

"One of our goals is for this program to remain easily accessible not only to the dental community but also to the parents of children seen on board the Seal Mobile," she says.

Dr. Yoder is often on the road with the Seal Mobile team, so the best way to reach her is by writing (Walker Plaza #119, 719 Indiana Ave., Indianapolis IN 46202-6100) or by leaving a message at one of the following:

Dr. Yoder's office phone: (317) 278-7872

SEAL INDIANA's mobile phone: (317) 407-4315

e-mail: kmyoder@iupui.edu

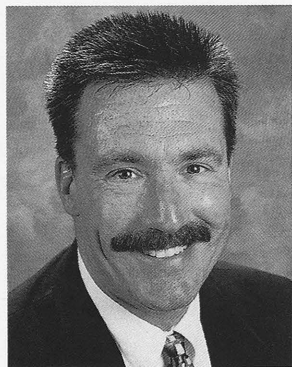
For more information about SEAL INDIANA and a virtual tour of the mobile clinic, visit www.sealindiana.org.



Targeted Populations

- Title I schools
(808 schools, 128,393 students enrolled)
- Head Start programs
(14,000 children enrolled)
- Community health centers
(60 clinics, including those in Marion Co., currently provide medical care, but only 8 have dental clinics)

Raising Awareness



John Hoffman

Feeling of Family Prominent at IUSD

As I continue to visit and interact with graduates and friends of IUSD, I cannot help but notice one outstanding characteristic of the school's alumni that seems to be more prominent than any other.

It has become obvious to me that the relationships formed during dental school are strong, enduring, and integral to people's lives.

The family legacies that are a hallmark of dentistry in Indiana have undoubtedly played a role in the building of sturdy bonds within the profession — and so have the strong friendships that exist amongst classmates and peers.

At alumni gatherings and events, one does not have to strain too hard to hear entertaining stories of bygone days or look hard to see the camaraderie and genuine friendships that not only exist but flourish amongst classmates and other fellow IUSD alumni.

I view my responsibilities of steering the development program in the next few years as imperative to the future success of IUSD. The technological changes in dentistry combined with the need to maintain and continue to attract first-class faculty, staff, and students will shape our future ability to educate and supply the dental professionals of tomorrow.

As dental education perpetually evolves and changes, so does the impact private dollars can have on IUSD's ability to continue to provide a first-class dental education. Perhaps most importantly, your loyal support allows us to continue to provide invaluable service in the communities in which we reside and thrive.

Now more than ever, the generosity of our dental family is needed to advance our mission of educating the next generation of leaders in the dental profession.

As we move forward in our development efforts, you will be hearing more about exciting activities and projects that will further enhance IUSD's ability to educate tomorrow's dental professionals. Please make supporting IUSD a family affair.

As always, thank you for your steadfast support and consideration.

Best regards,

John Hoffman

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INDIANA UNIVERSITY SCHOOL OF DENTISTRY

Room DS110
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Henry Swenson Among IUPUI's Spirit of Philanthropy Honorees

The IU School of Dentistry's longest serving faculty member was among those honored at IUPUI's 2003

Spirit of Philanthropy luncheon, held April 24 in the ballroom of the Indianapolis Marriott Downtown.

Dr. Henry M. Swenson, professor emeritus of periodontics, was recognized for his ongoing support of the IU dental school and for his leadership efforts on the school's Comprehensive Campaign Committee.

The Spirit of Philanthropy program salutes a select group of individuals, companies, and organizations that have made substantial contributions to IUPUI through gifts and voluntary service.

Decades of graduate students have benefited from the Henry Swenson Scholarship in Periodontics, which Dr. Swenson

established in 1977 and awards annually.

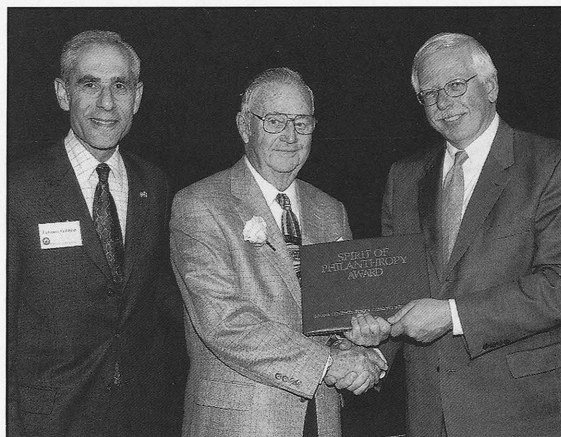
Remarkably, Dr. Swenson celebrates his 60th anniversary with IU this year. He joined the school's part-time faculty in 1943 — one year before the arrival of the late Dr. Maynard K. Hine, longtime dean of dentistry. Although he officially retired from IU in 1997, Dr. Swenson can still be found at the school every Wednesday. He also maintains his private practice on North Keystone Avenue.

Dr. Swenson helped Dean Hine create the school's Department of Periodontics,

and he worked with Dean Hine and others in the state to establish several of IU's allied dental programs.

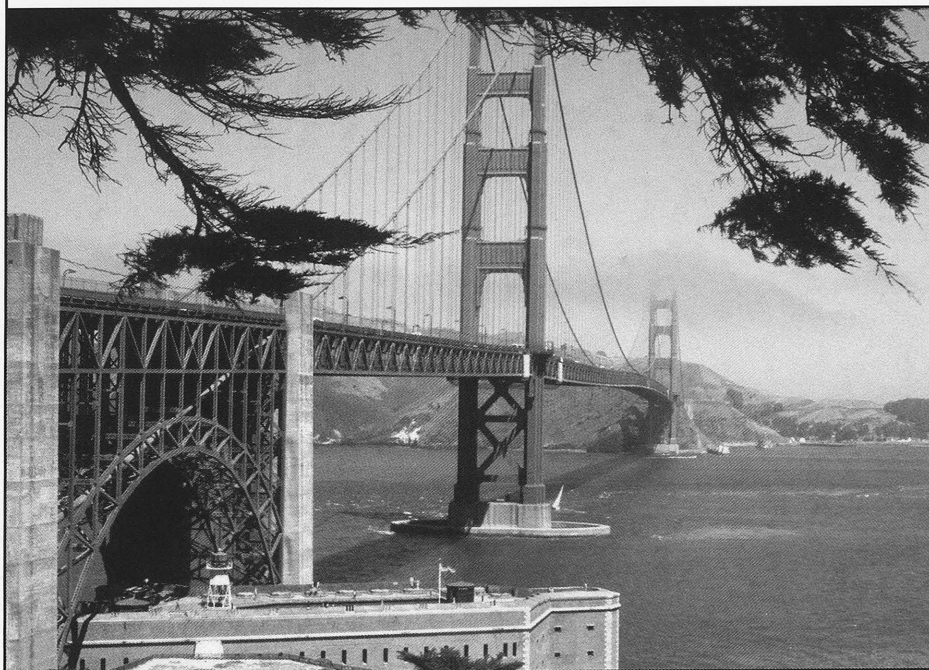
He is one of the three founders of the Midwest Society of Periodontology. As a former president of the American Academy of Periodontology, he has received both of the AAP's eminent awards: the Gold Medal and the Presidential Award.

Dr. Swenson and his wife, Theresa, have been married 61 years. They have four children, seven grandchildren, and one great-grandchild.



Dr. Swenson (center) is congratulated by Dr. William Plater (right), then acting chancellor of IUPUI, and Dean Lawrence Goldblatt.

SAVE TIME FOR US IN SAN FRAN



No reservations necessary.
For more information, call the
Alumni Association at (317) 274-8959.

The Board of Directors
of the Indiana University
School of Dentistry
Alumni Association and the
IUPUI Alumni Office Staff

Request the Pleasure
of Your Company at the
American Dental Association
Reception for IUSD Alumni
in San Francisco, California

Saturday, October 25, 2003
5:30-7 p.m.

Crowne Plaza Hotel
Sutter Room I, II, III
480 Sutter Street

LIVE & LEARN

The IU School of Dentistry's new part-time program in dental assisting is designed to bring an education within reach to students who find themselves already immersed in the full-time responsibilities of day-to-day living.

By Susan Crum



Danielle Bouquett describes her children as bright, inquisitive youngsters who love to pore over her schoolbooks with her. Edward (right) is 12, Kirt, 9, and Marquellé, 4.

Danielle Bouquett, a 32-year-old mother of three and the owner of an Indianapolis hair salon, decided a year ago that the timing was right to pursue an education in dental assisting. She sat down and started dialing numbers from the phonebook.

"I called three schools that day, and wrote down all the information," says Danielle, who assumed she would have to make a commitment to a full-time program. That would mean somehow squeezing an intensive education into her already overflowing life as a mother and business owner, but she was willing to make that sacrifice.

To Danielle's surprise — and delight — she learned during her call to the IU School of Dentistry that candidates for the dental assisting certificate have the option of going through the program part time.

"I immediately jumped for it," recalls Danielle, who recently completed, along with four other students, year one of IUSD's new two-year dental assisting program.

Had Danielle called the IU dental school a year earlier, she would have received the same information that applicants had been hearing since the Indianapolis-based dental assisting program first began accepting students in the fall of 1972: The 10-month program is for full-time students only.

As it turned out, the timing of Danielle's decision to make a career move was serendipitously in sync with the career move of IU faculty member Patricia Capps, who had recently accepted an appointment as director of the Indianapolis-based dental assisting program. Soon after assuming this administrative post in 2001, Prof. Capps and her faculty began to explore ways of making the program more accessible to a wider

variety of students while also increasing class size, thereby helping to address the shortage of dental assistants in Indiana.

"Dental assisting is a very demanding program," she says. "The students are here Monday through Friday from 8 to 5, which doesn't leave much time for a job. Applicants have asked for evening classes or part-time studies, but we've never had an option for them."

That changed in the fall of 2002. With support from Dean Lawrence Goldblatt and Dr. E. Brady Hancock, chair of the Department of Periodontics and Allied Dental Programs, Prof. Capps and the dental assisting faculty welcomed an incoming class composed of 25 full-time students — the usual number taken into the class each year — and five additional students whose 40-hour school week was scaled back by half, making it possible for them to spend as much of their time in the workforce as they would in their classes.

The pioneers of the part-time program, in addition to Danielle Bouquett, are Jessica Dunn of Noblesville, Sheila Munjoy of New Castle, Marti Smoot of Indianapolis, and Amber Switzer of Camby.

The school went a step further in its plans to reach out to part-timers by creating a dental assisting training program, which offers part-time dental assisting jobs on the IUPUI campus to up to five students at a time. Two of the current students have taken advantage of these job offers: Amber Switzer is training in the school's dental hygiene clinic and Sheila Munjoy in a dental school clinic that is part of the Department of Oral Surgery and Hospital Dentistry.

The past year has been an exciting challenge, says Prof. Capps, and she's pleased

that the school has found a way to better serve the non-traditional student.



In 1965, IU's first dental assisting program was launched not at the dental school but on the Fort Wayne campus. The program at South Bend followed in 1969, and the School of Dentistry was finally able to make room for dental assisting upon completion of the building's second major expansion, in 1972 — 22 years after the beginning of IU's dental hygiene program. IU's fourth dental assisting program got under way on the campus at Gary in 1975.

Although she's been a member of the IU faculty only since 1997, Prof. Capps, who is a former officer of the Indiana Dental Assistants Association and current president of the Indianapolis Dental Assisting Society, speaks with a seemingly deeply routed pride about IU's role in providing an outstanding, comprehensive dental assisting education to the students who will move on after graduation to become critically important members of dental teams throughout Indiana and elsewhere.

It may come as a surprise to some that being educated as a dental assistant entirely within a dental school environment is a rarity in the United States. "Only three other dental schools in the country have dental assisting programs — the University of North Carolina, New York University, and Columbia University," says Prof. Capps. "Most programs are housed in community colleges."

Some dental schools work in tandem with community colleges to offer dental assisting programs. "The University of Missouri at Kansas City, where I graduated, offers its program in association with Penn Valley

Community College," Prof. Capps cites as an example. Other community colleges send their students to private dental offices for clinical training.

Prof. Capps is grateful to be able to offer students a dental assisting program that is fully integrated into a dental school — a system that benefits the dental student population as much as it does her own students.

"It's the best way to teach team dentistry for *all* students," she says.

Routinely exposing dental assisting students not only to general dentistry but to the profession's many specialties is perhaps the strongest characteristic of a dental school-based program. "Students in community college programs usually do their externships in general

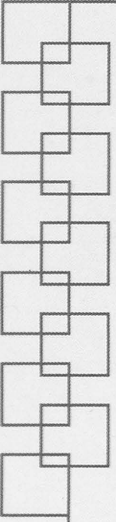


The pioneers of the part-time program, back, from left: Amy Switzer, Sheila Munjoy, and Marti Smoot; and front: Danielle Bouquett and Jessica Dunn



Dental assisting program director Patricia Capps says the part-time program is an ideal option for students like Danielle, who must work to support their families.

Photos by Tom Meador



dental offices, with maybe a week or two spent in a specialty office," says Prof. Capps. "But our students are given ample opportunity to learn to work with endodontists, oral surgeons, pediatric dentists — all the specialists. The clinical experience is excellent."

To become a Certified Dental Assistant (CDA), candidates must sit for an exam given by the Dental Assisting National Board (DANB), which is recognized by the American Dental Association as the certifying and credentialing agency for dental assistants. To be eligible for the

exam, assistants must be graduates of accredited programs or have at least two years of full-time (or four years of part-time) experience.

The DANB also oversees exams on infection control and radiation health and safety. The latter must be passed by all non-certified dental assistants who operate radiographic equipment in the state of Indiana.

Although practitioners still train their own dental assistants in office, Prof. Capps says the trend is toward hiring assistants who have been educated by institutions. "Even the dentists

are telling us this," she says. "Dentists who used to train their own assistants say they don't have the time or the desire to continue doing so."

The challenge dentists face throughout the country, of course, is that certified dental assistants are in short supply. Of an estimated 240,000 dental assistants in the U.S., about 30,000 are CDAs. A tiny percentage of them, only 342, live in Indiana, which has 3,367 licensed dentists.

As spring semester winds down each year, Prof. Capps' phone begins to ring with

A LIFE IN TRANSITION



Loving parent. Caring daughter. Head of household. Skilled hair stylist. Successful business owner. Diligent homemaker. Sole breadwinner. Soul searcher. Inspired dreamer. Determined goal maker. Woman of faith.

It was the spiritual faith residing deep within Danielle Bouquett that led her to the decision — and gave her the nerve — to add "college student" to the many roles she was already playing in her life.

And it is the IU dental school's new dental assisting program for part-time students that is helping Danielle fulfill her dream of pursuing a career in the field of healthcare.

"The part-time program is a blessing," Danielle tells us on the final day of her first year of training, just a few minutes after she emerged from her last exam of the year.

Danielle can't help but feel momentarily wistful too; she and the four other part-time students have now permanently

Learning is not attained by chance, it must be sought for with ardor and attended to with diligence.

Abigail Adams
1780

parted ways with their full-time classmates, who completed the certificate program on this day. "I'm thinking, that could have been me," Danielle says softly. "I could be finished too."

But the feeling passes soon. At age 32, Danielle has the maturity to know how quickly the next year will fly by, and she's extremely excited about the future she is planning for herself and her family.

Danielle and her three children — Edward, 12, Kirt, 9, and Marquellé, 4 — live in half of a two-story house that Danielle has called home for 30 of her 32 years. Situated on BelleFontaine street on the city's

near eastside, the house is owned by her parents, who reside in the other half.

Danielle converted her parents' back porch into her place of business: Blessings Beauty Salon.

A graduate of Arsenal Technical high school, Danielle took advantage of Arsenal's beauty-school classes to learn her trade. After earning her high school diploma, she passed the state board's licensing exam to become a cosmetologist.

"I had the license, so making money was more on my mind back then than continuing my schooling," Danielle says.

"I decided to go into business instead, and I really liked it."

Danielle still loves working in her salon today. "It's not that hair styling got boring," she explains. "As time went on, I began to accomplish things in my life and to move forward. I started feeling as if I needed a little bit more security for my family. I just felt that I wanted to accomplish more."

But why dental assisting?

requests for assistants from Indiana dentists, and she also notices ads for dental assistants piling up in the *Indianapolis Star*.

After offering dental assisting in virtually the same form for 30 years, it was time for the school to figure out a way to restructure the program to better meet the needs of both the students and the state's practitioners.

The new part-time program, says Prof. Capps, is a good start toward that goal.

"It has opened up the applicant pool," she says. "The feedback has been positive, and

we now have people applying who could not have applied otherwise."

There's no way to tell the part-timers from the full-timers in dental assisting.

The part-timers sit in class alongside their full-time counterparts; they simply take fewer courses each semester. They are held to identical standards.

Students in the traditional program complete 17 mandatory courses (33 credits) during one academic year. The part-timers take 17 credit hours in the first

ADA-Accredited Dental Assisting Programs in Indiana

Indiana University

(class capacity all IU sites: 91 students)

Fort Wayne
Gary
Indianapolis
South Bend

IVY Tech State College

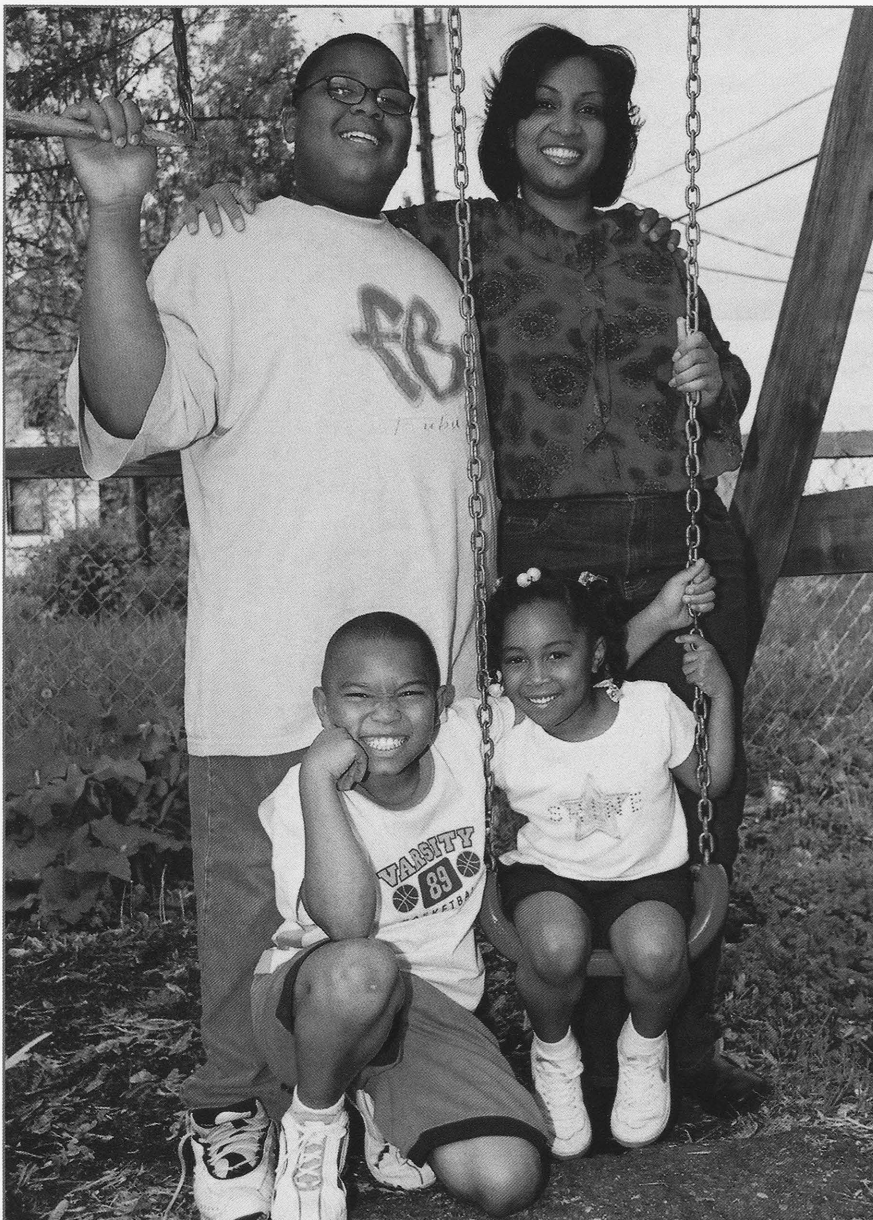
Lafayette

Professional Careers Institute

Indianapolis

University of Southern Indiana

Evansville



"Even when I first started doing hair, I knew I wanted to do something in the medical field some day," she says. "My father, who's 82 now, was a barber, and my mom has worked in medical records for Clarian Health for at least 25 years. I have part of him and part of her within me.

"I gave the first 13 years of my career to my father," Danielle continues with a laugh. "Now, I'll give the rest to Mom."

From the viewpoint of a woman who has long been working chairside in her vocation (or "hairside," as school photographer Tom Meador quipped while shooting photos in Danielle's salon), the transition from hair stylist to dental assistant is not as dramatic a leap as one might assume.

"You know, it's not *totally* different," she says. "Dental assisting offers lots of variety, just like the salon does. I'll still be making people look pretty, and to feel good about themselves. One of the main skills in dental assisting that I realize I already have is 'customer service.' I'm easygoing and easy to get along with. I love people and being

year and 16 in the second, and they are given the summer off between semesters.

An optional four-credit expanded restorative functions course is offered to all grads each summer after the program.

Creating a schedule with the flexibility to accommodate the part-timers' special employment needs necessitated a reshuffling of many of the existing courses. "Our goal was to allow the students to work at least 20 hours a week," says Prof. Capps. "We tried to block the courses so that the part-time students could attend classes all morning, all

afternoon, or all day, and not have to jump back and forth between school and their jobs an hour here, an hour there."

To the extent possible, the faculty has also worked with the students to customize the clinical portion of the program to better complement their job schedules.

Last year, Prof. Capps served as faculty mentor for all five part-timers, who are currently on summer hiatus. She has been pleased by their progress, and especially by the way they seamlessly became a part of the larger class. "This was one of our origi-

nal concerns, but these five women bonded very well with the whole class as well as with one another," she says. "They were included in everything. At the same time, I noticed they sat together in classes; they seemed to be looking after each other."

Input was sought from the part-timers early on, during the inevitable adjustment phase of the new program, and Prof. Capps says that ideas and suggestions gathered from the students were invaluable to the process of program development. During the second year, each part-timer will be "buddied

Danielle Bouquett's story continued...

able to give them what they need."

Prof. Patricia Capps, head of the dental assisting program, agrees. "Danielle has had great people contact," she says. "And Danielle has already developed manual dexterity from working in her salon."

When we remind Danielle that dental assistants must be extraordinarily adept in their relationships with people in order to calm those who are uncomfortable in the dental office environment or concerned about their treatment, she gently smiles at our naveté. "Going to the hair stylist can be frightening too," she counters. "I've had a lot of clients who were afraid, especially if they didn't know what kind of style they wanted and they were leaving it up to me."

Fortified by a financial aid packet, assistance from her father's Veterans Administration benefits, and the moral support of her family, friends, and salon clients, Danielle entered IUSD's dental assisting program in the fall of 2002.



Danielle has managed to retain all of her salon clients by working morning, noon, and night on Fridays and Saturdays. Here she applies the dryer to Mary Provence, who balances son, Jaytel, on her lap; and the hot wand to Edwana Frink.

"In the beginning it was scary," she admits. "I knew nothing about dentistry and wasn't really sure if I'd like it. Everything was so new to me because it had been so long since I had been in school."

Danielle soon got the hang of it, though. Success, she discovered, lay in following two simple commands:

Make sure you study.

Don't waste time and energy worrying.

up" with an incoming part-timer so that students in all subsequent classes will always have ready access to both faculty and student mentors.

Beginning with fall semester 2003, when five more part-timers will be added to the roster, the Indianapolis-based program will be running at its new maximum size of 35: 25 full-time students and 10 part-timers.

Factors such as a limited number of teachers and always-scarce laboratory and clinic space prevent the in-house program from growing any larger, says Prof. Capps.

As a course of study accredited by the American Dental Association's Commission on Dental Accreditation, dental assisting, like each of the school's other programs, is held to the highest standards in dental education.

The dental assisting faculty has long been composed of two full-time teachers and a few part-time instructors, although plans are in the works to hire another full-timer to help cover the new workload. Patricia Capps and Teresa Macauley currently serve in the full-time positions; long-time IU teacher Karen Beard, formerly of the full-time faculty,

contributes to the program two days a week; and Sheri Alderson, new to the faculty in 2001, a half-day each week. In addition to the core dental assisting team, several faculty members from other divisions contribute to the program as lecturers or laboratory instructors.

"For clinic and radiology courses in accredited dental assisting programs, the acceptable faculty/student ratio is 1 to 6, and for preclinical courses and labs, it's 1 to 10-15," says Prof. Capps. "To ensure that students are given enough exposure to clinical experiences, the ADA

"I'm a very spiritual person, so I listen to my Lord when he talks to me," Danielle says. "He lets me know everything's going to be all right as long as I have faith. So now, when I have a test, I do my best at studying the material and trying to retain it, and after that I just don't worry about it."

That philosophy has already carried her half-way through the program, and she has an abundant number of "study-buddies" to lean on when the going gets tough.

"I'm not going through school alone. I have so much support. Even my children are very involved," Danielle says proudly. "They like to sit with me and try to spell out the words in my books. My oldest son, Edward, has been very good at learning all the bones of the body — he can tell you what they are from head to toe! I take home some of the things I've made in the lab to show them. They love it, and they are excited for me. They acknowledge the fact that I've already established one career, and Edward can see that I'm moving on and trying to do better for us."

Danielle is acutely aware of her position as a role model for her kids, and she knows that the best way to help her children grow excited about education is to show excitement about it herself.

It's a task that comes easy to Danielle, who has grown up in a family that values education. Her brother is a teacher in Egypt, and on her mother's side of the family there are physicians and musicians, including legendary jazz trombonist Locksley Wellington "Slide" Hampton, who played for a time in Lionel Hampton's band.

Some of Danielle's best homework helpers are her salon clients, who are doing what they can to make every minute of Danielle's day count. "My customers push me along," she says. "If I have an exam coming up, they'll sit in the chair with my notes, asking me questions."

Minutes are prized possessions in Danielle's life right now. To steal as many of them as she can to be with her children during her life as a student, Danielle holds herself to a highly organized and


efficient regimen. During spring semester, when she had classes on Tuesdays, Wednesdays, and Thursdays, she managed to consolidate virtually an entire week's worth of salon clients into two-and-a-half-day work-weeks that began after classes early Thursday evenings and lasted until she was "ready to drop" on Saturday nights.

"Those were the money making days," Danielle says.

Mondays were "no hair, no school" days, and as such were reserved for cleaning, laundry, grocery shopping, bill paying, and studying.

Danielle referred to Sundays as "kick-back" days in which church was followed by as much leisurely time as possible with her children and parents before the textbooks called out for her attention.

And throughout the week, Danielle managed to find time to attend bible study, to assist her elderly father with errands, to abandon her own homework long enough to help her kids with theirs, and to cheer them on at their after-school basketball games and gymnastic events.



says we must provide a minimum of 300 patient clinic hours, although in our program students are given much more than the minimum. So, even if I could suddenly hire 10 additional faculty, we still wouldn't have the clinic and lab space to accommodate the extra students."

The next logical step in the evolution of the dental assisting program, therefore, is to create a distance-learning version of it online — a fact that isn't lost on Prof. Capps.

With this goal in mind, two online lecture courses — oral

histology and written and oral communication — have already been successfully piloted to the regular class during spring semester of 2003, and a dental materials course, with lab, is scheduled to go online for the regular 2004 class in the fall.

The dental assisting faculty has entered into ambitious discussions with the school's technology services division to get the entire dental assisting program up and running online within the next couple of years.

Prof. Capps is aware of only one accredited dental assisting program that is completely

online thus far, a course offered by Monroe Community College in New York.

But, emphasis in higher education today is on the need for academic institutions to reach beyond their own doors in order to meet the needs of an increasingly diverse group of learners — many of whom are unable, for a great variety of reasons, to participate in traditional educational settings. Prof. Capps anticipates that many more online dental assisting programs will emerge in the years ahead, and she recognizes a need for one in Indiana.

Danielle Bouquett's story continued...

Juggling homework with home life is what Danielle likes least about being in school again, but she's very happy with the program itself. She loves her clinic and laboratory courses, and she's looking forward to taking the optional expanded functions course after graduation.

Danielle hasn't found being older than most of her classmates a handicap, and she says she gets along very well with the other part-timers. "The full-time students have treated us with open arms," she says. "And the professors have been so 'there' for me too. There have been times when I needed someone to talk to about school, and they were just awesome. They have good advice, and they even urge you to come talk to them. That made me feel even more com-

fortable with the decision I made to go into dental assisting. If I feel like I'm getting ready to fall short, I just go straight to the professors. They guide me along, and get me back to where I need to be."

When Danielle is asked to imagine her life a year from now, her eyes light up, and her face breaks into an astonishing smile, one that is guaranteed to gladden the heart of every dental patient she encounters in her career.

"I picture a whole *new* life," she says, almost in a whisper. "I'd like to join a dental team here in the city. Next year is going to be a lot different for my children. I'll be able to do more for them. When Edward gets ready to make his choice for college, I'd like to be in a position to help him with his education."

And Danielle doesn't plan to completely close down her hair salon, which has not only kept food on her table for 13 years but has also brought her into contact with women who have become some of her dearest friends. She'll devote the bulk of her time to dental assisting, but Danielle vows not to abandon her loyal clients, many of whom have offered a generous hand of support during her schooling.

"I'm glad I waited till I was older to go to school," Danielle says. "Now that I'm older, I know how to accept responsibility. I don't think anything else would have come as close to meeting my needs as the dental assisting program. I feel like I'm where I'm supposed to be."

"Nothing is perfect," she adds. "But to me, this program is one percent away from perfect." □

"A lot of people have expressed interest in an online program," she says. "Queries have come from Muncie, from Terre Haute, from places where it's impossible to drive to one of the IU campuses every day."

As is so often the case with the dental school's programs, this one will be assured of success only with an extraordinary commitment from organized dentistry — specifically, general practitioners who are willing to serve as adjunct faculty mentors by opening their dental offices to students and providing them with the clinical and laboratory

experiences that are essential to a dental assistant's comprehensive education.

Conducting an accredited program online will be labor-intensive for the dental assisting faculty, involving many hours in the field. For starters, they will be required to calibrate the teaching efforts of all dentists who wish to sponsor a student, and they will also be expected to visit the sponsoring dental offices periodically.

Because the online and traditional programs would be running simultaneously, Prof. Capps plans to limit the online pro-

gram to 10 students, at least during its first year.

The online program could eventually replace the part-time program, although Prof. Capps says the school will continue offering dental assisting as a two-year course of study as long as the interest and the need are there.

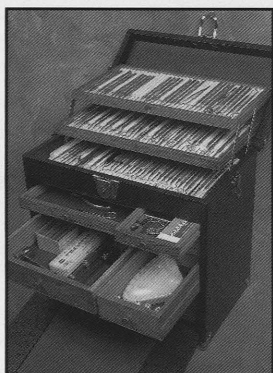
For the moment, she's just happy to reflect on progress made in the past year, and to know that an education in dental assisting at IUSD is already much more available to students like Danielle Bouquett. □



Danielle assisting fourth-year dental student Emily Eberhardt with one of her dental school patients. Danielle says she enjoys working with dental students, especially Emily, who also helped teach some of the dental assisting lab courses.



Classes



Photos by Tom Meador

Balancing act. New dental grad Dr. Lori Bahleda (right), who will soon be heading to Madison, Wis., to enter a general practice residency at Meriter Hospital, graciously agreed to help us demonstrate how the school's instrument cases have changed in the past half century. She holds her own case in the palm of her hand, but must put some serious muscle into lifting the much more substantial case that was issued to Dr. Richard Day during dental school. (And when this photo was taken, the case was nearly empty — the sheer bulk of the box makes it a challenge to maneuver.)



ing more than 100 instruments and pieces of equipment.

Today's dental instruments are retrieved for each patient's dental appointment from the school's centralized sterilization division, so the students travel light as they move about the building — their trim boxes weigh in at a mere 4 pounds, 2 ounces.

What the modern-day storage boxes have gained in convenience they have lost in beauty, though. These homely little plastic models don't hold a candle (or even a Bunsen burner) to the handsomely crafted, well-appointed instrument case that Dr. Day restored and then kindly donated to the IU School of Dentistry's archives.

Under the title "A Case of History," the box and its instru-

ments were on display at the school for several months, and were looked upon with great curiosity and interest by many contemporary students.

The dental school is grateful to Dr. Day for the donation of his original student instrument case, which is an invaluable piece of IUSD history.

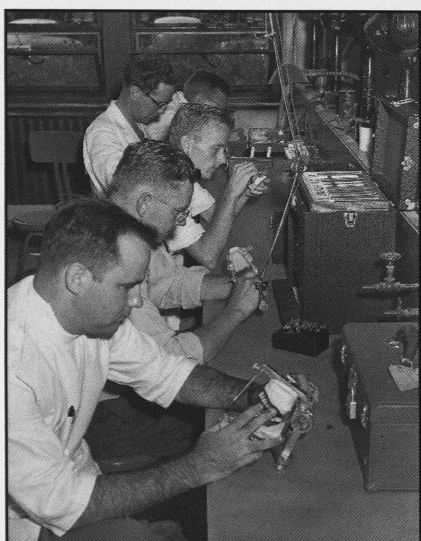
Dr. Day, who is retired from his Wabash practice, discusses the case in a letter he wrote to the school in December of 2001. It reads in part:

This black student instrument case was issued to all dental

Tackling the Tackle Box

For petite Lori Bahleda (DDS'03) of Munster, Ind., it's probably fortunate that she studied dentistry in the 21st century instead of in the middle of the 20th.

Had she been a classmate of Richard Day (DDS'62) of Wabash, Ind., for example, she would have had to lug from clinic to clinic a fully loaded, oversized instrument case weighing a whopping 33 pounds, 12 ounces, and contain-



A similar version of Dr. Day's case is "on duty" in this photo of Class of 1951 dental students (front to back) John Reichle, Alden Thompson, Alfred Williams, Howard Metcalfe, and George Welch. (courtesy IUSD Archives)



A Letter to Home

While preparing a party last summer to celebrate the birthdays of Dr. Charles Kirsh of Fair Lawn, N.J., and his wife, Leah, the couple's family uncovered a letter that had been written by Dr. Kirsh when he was a dental student at Indiana University in the 1930s.

Dr. Kirsh graduated in 1936, and today, at 91, he is retired from his faculty position in the dental anatomy and occlusion department of Fairleigh Dickinson University.

"The letter should be read by all current high school and college kids to give them a better idea of what sacrifices some families made, and make, to send a child to college," Dr. Kirsh's stepdaughter, Elaine Kirsh of New York, N.Y., wrote in correspondence to the IU dental school.

We agree — and we think the letter would also be of interest to any graduate of IUSD who remembers how much his or her own family sacrificed to help pay for dental school expenses.

students beginning clinical treatment of patients. This case contained hand instruments and equipment needed at that time....

This particular case was replaced in 1960 with aluminum cases which were much lighter to carry to the clinic. The old cases were to be destroyed. I was given permission to keep my case. It was stored in my office basement until I rediscovered it a couple of years ago. Almost all of the original instruments with the exception of three scalers were still in the case.

The company that manufactured the cases still produces cases; however they are mostly jewelry,

With Dr. Kirsh's permission, the letter is reprinted here:

949 N. Penn St.
Indpls., Ind.

Dear Parents,

I just paid \$90 on tuition, which leaves a balance of \$90 and also gave the remaining \$10 to the supply house (leaving a balance of \$20). As I wrote you in the telegram, arrangements must be made for the payment of the \$90 balance. The bursar wants me to sign three notes of \$30 each — one for March, one for April, and one for May. Also, the university sets a fine on late payments of 25 cents the first day, and 10 cents each successive day.

Is such an arrangement possible for you? Please let me know right away as the school has become pretty strict all of a sudden. If you cannot possibly keep up such a large amount per month, please let me know what is possible to arrange and I'll talk to the faculty and see if I can't get them to consider it.

Total debt to school	\$90
Total debt to supply house	\$20
Total	\$110

I realize how hard times are, and how much you have to struggle to

send what you have. I hope some day to be able to show my appreciation.

I haven't as yet gotten my grades, but I'm sure I didn't flunk any course, and expect to make at least a B average, which won't be bad considering that some of the courses are a bit tough this year.

Love,
Charlie

P.S. Please answer soon. Let me know how you all are — how's Harold, Fegie & everybody?

We can imagine from this letter that Dr. Kirsh's parents were very fine people, because not only did they help their son through dental school at a time when money was scarce for most Americans but they also raised a young man who early on was keenly aware of the sacrifices his parents were making on his behalf.

"Those were hard times," Leah Kirsh wrote in a recent letter to the Alumni Bulletin. "His parents could not afford to attend Charles' graduation but Harold, the younger brother, hitch-hiked to be there."

Mrs. Kirsh reports that both she and her husband are well and enjoying their four grandchildren.

Dr. Richard L. Day
Class of 1962

Flight of Fancy: Kokomo Dentist Sets Record Between Reykjavik, Edinburgh

Last summer, Bill Grider (DDS'82), owner of the Kokomo Dental Center, took his longtime interest in piloting small aircraft to new heights by revving up for a flight across the North Atlantic in a single-engine plane.

With a co-pilot supporting him on board and a 14-member crew, including Kokomo orthodontist Charles Simons (DDS'68), monitoring the flight from the ground, Dr. Grider successfully navigated his way across the ocean in under two weeks. Along the way he also landed a place for himself in the world-record books for one leg of the trip.

Dr. Grider's adventure was featured in the *Indianapolis Star* on March 8, 2003. *Star* reporter Abe Aamidor's story, "Dentist Sinks Teeth into Flight," is reprinted here with permission of the editor:

Flying across the Atlantic Ocean in a single-engine private airplane isn't the hard part.

Finding a place to ditch a 25-year-old airplane if something goes wrong, on the other hand, is.

"I researched how people ended up dead, trying to fight the

weather," said Dr. Bill Grider, a Kokomo dentist and pilot who flew from Kokomo to Paris in a single-engine plane in June [2002]. "I wanted to survive."

Grider, along with co-pilot Bill Cox, a columnist for *Plane & Pilot* magazine, made several well-planned stops.

They set a world speed record for their type of aircraft during a portion from Reykjavik, Iceland, to Edinburgh, Scotland. They averaged 188 mph in a Piper Turbo Arrow III known as Tweety Bird. The record was authenticated by the Federation Aeronautique Internationale.

Flying time for the trip was about 35 hours, which the pair accomplished over 12 days.

Crossing the Atlantic is the granddaddy of aviation treks; it's like tackling Mount Everest if you're a mountain climber. But crossing in light aircraft is not so rare unless it's done non-stop, say experienced aviators. Past heroes include:

- John William Alcot and Arthur W. Brown, who completed the first nonstop trans-Atlantic flight in June 1919, traveling from Newfoundland to Ireland.
- Charles Lindbergh, who made the first solo nonstop crossing, flying from Long Island, N.Y., to Paris in May 1927.
- Amelia Earhart and Wilmer Stultz, who traveled from Newfoundland to Ireland in June 1928; Earhart was the first woman to complete such a journey.

In 1986, a pair of Indiana general aviation pilots topped even these luminaries. James Pirtle, originally of Sullivan, and Henry Schirmer Riley, of Madison, flew around the world in a vintage Piper Comanche single-engine plane.

"We flew east from Madison for 26,000 miles and came back to Madison," said Riley, a retired physician who still flies the same aircraft.

"I don't think we had quite as much safety equipment as (Grider), but we had wet suits if you go down in that freezing water," said Riley.

Other safety equipment included a life raft, life vest, flares, potable water and fish hooks (which Riley admitted wouldn't have done any good if they had to put down in the North Atlantic).

Other general aviation pioneers include World War II-era pilots who ferried fighter planes to Europe. American general aviation light aircraft is still ferried to Europe the same way.

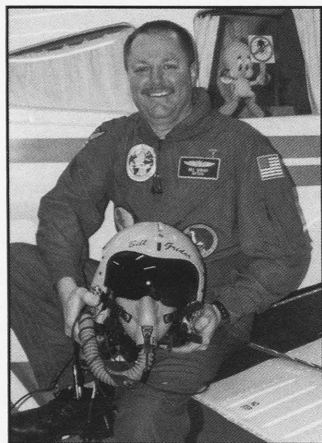
Doing it for fun is what made Grider's trip special.

"Flying the North Atlantic is risky any time of year," said Al Hansen, vice president of publications for the American Aviation Historical Society. "The bigger risk would be weather and chances of mechanical problems with the airplane."

Though Grider and Cox co-piloted the plane to Europe, Cox flew by himself back to North America.

Grider won't say how much the effort cost him, but the trip was eight years in the making. He took several special-purpose classes in preparation, including a "ditching course" in Canada. An expensive global positioning system guaranteed that Tweety Bird was "never more than 15 feet off course" at any time, he says.

Indeed, GPS does make such trips easier, say flight experts, although mechanical problems and unpredictable weather remain the biggest risks. "Before GPS they flew by the seat of their pants," said Bruce Burt, chief executive officer of Flight History.com, an aviation history Web site.



Bill Grider and the 25-year-old single-engine plane that transported him safely across the Atlantic

Tales of Tweety Bird

After touching down in his Piper Turbo Arrow III nicknamed Tweety Bird, Dr. Grider took to the roads in Indiana to tell his story to community groups and organizations. He says he's happy to share his experience with dental societies and alumni clubs, and can tailor the length of his presentation to suit the needs of each organization. There is no fee. If you'd like to talk to Dr. Grider about making a presentation to your group, give him a call at (765) 455-1971 or send a fax to (765) 455-1973.

Since his return to Indiana, Grider has been speaking to area groups such as Kiwanis and Rotary clubs and the Indianapolis Aero Club.

"People are pretty fascinated by what I did. It's pretty flattering," he said.

Mary Kay Schroeder, membership chair of the Indianapolis Aero Club, says you don't have to be a pilot to join the club or attend regular speaker programs. Call her at (317) 291-4006 for more information.

Grider says he may fly to Alaska next year or cross the Pacific following a path along the Aleutian Islands.

But he's limiting his flight time this year, except for the occasional "hundred dollar hamburger," where he flies around the state to have a snack at an airport restaurant.

"I'm still kind of recuperating from this past trip," he admitted.

IN MEMORIUM

FACULTY

Professor Emeritus **Charles Blevins**, Cave Creek, Ariz., died Dec. 29, 2002. He was a longtime anatomy professor at the IU medical school who also taught part time at the dental school. Dr. Blevins chaired the medical school's Department of Anatomy for 16 years and taught anatomy to dental students for more than 20 years.

STAFF

Katherine (Kay) **Raikos**, Indianapolis, died Oct. 21, 2002. She retired from the dental school in 1988 after service that included a stint as secretary for the former Department of Oral Microbiology. Before her employment at IU, Kay was a secretary for the Indiana State Department of Health.

ALUMNI

1929 • J. Eldon Spahr (DDS), Columbia City, died Jan. 8, 2003.

1935 • Joe Goshert (DDS), Fort Wayne, died Feb. 27, 2003.

1943 • Charles McFall (DDS), Naples, Fla., died March 5, 2003.

1947 • Irwin Burack (DDS), Short Hills, N.J., died March 7, 2003. He is survived by his wife, Molly; sons, Marshall, Dr. Harry, and Dr. David Burack; and seven grandchildren.

1947 • John Routes (DDS), Port Charlotte, Fla., died Dec. 6, 2002.

1951 • Eugene Williams (DDS), Richmond, died March 23, 2003.

1952 • Robert Cox (DDS), Cambridge City, died Feb. 15, 2003. Dr. Cox was retired from practice. His survivors include his wife, Wilma; daughter, Margaret Bidlingmeyer; and son, James Cox.

1952 • Bill Hicks (DDS), Evansville, died May 4, 2003. According to the *Evansville Courier & Press*, in 1962 Dr. Hicks became the first dentist to limit his dental practice to endodontics in the state of Indiana. He was a former president of the Vanderburgh County Dental Society, the First District Dental Society, and the Southern Endodontic Study Group.

Dr. Hicks was a World War II veteran. He received two Purple Hearts after being wounded in Okinawa.

He is survived by his wife, Elenora; daughter, Carol Hicks Schaefer; son, Steven Hicks; and four grandchildren.

1953 • Robert Carnes (DDS), Richmond, died Jan. 23, 2003.

1955 • Raymond Halle (DDS), Pensacola, Fla., died Oct. 11, 2002.

1958 • Howard Berk (DDS), Palos Verdes Peninsula, Calif., died Jan. 8, 2002. Survivors include his wife, Alice.

1965 • David Miller (DDS), Indianapolis, died Feb. 27, 2003. After earning his dental degree, he undertook postgraduate studies in prosthodontics at IU, and was a member of the alumni group named in memory of IU prosthodontic teacher John F. Johnston. Dr. Miller retired in 2002 after practicing for 35 years. He was a former medical officer at LeMoore Naval Station in Fresno, Calif.

Dr. Miller is survived by his wife, Jennifer; son, Trenton Miller; and daughter, Sienna Miller. He was also the brother of Dr. Chris Miller, executive associate dean of the IU School of Dentistry.

Among the organizations accepting donations in memory of Dr. Miller is the Indiana University Foundation, which now oversees the dental school's Dr. David Lee Miller Fund. Checks should be written to the IU Foundation, with the name of the fund noted, and sent to the school's Office of Development, 1121 West Michigan St., Indianapolis IN 46202-5186.

1970 • Rupert Knierim (DDS, MSD/Orthodontics '76), Knoxville, Tenn., died Aug. 17, 2002.

1991 • Carolyn Fowler (MSD/Operative Dentistry), Peru, died April 20, 2003. She was a dentist for Peru's Miami Correctional Facilities. Dr. Fowler received her dental degree from Baylor College of Dentistry. Her survivors include a son, Emerson Palmer, and daughter, Courtney Palmer.

Teresa Macauley Joins Full-time Faculty

Teresa A. Macauley, formerly a part-time teacher in IU's dental assisting program, has accepted a full-time position, effective July 1, 2003, as clinical lecturer in dental assisting and clinical coordinator of the dental assisting program.

Ms. Macauley has long ties to the IU dental school. After graduating from IU's dental assisting certificate program in 1979, she served as a staff dental assistant

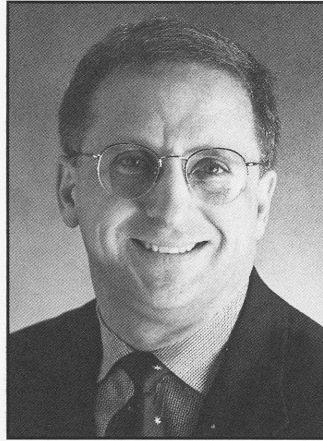


Teresa Macauley

in the former Department of Pediatric Dentistry until 1985.

She also brings to her faculty position an extensive background in the private practice of children's dentistry. She was an expanded duties dental assistant in the office of Gary Hinz (DDS'76), Anderson, from 1985 to 1986, and in the office of Carol McKown (DDS'84), Indianapolis, from 1986 to 2003.

Ms. Macauley joined the IU dental school as a part-time faculty member after graduating with distinction in 2001 from



David Brown

the IU School of Allied Health Sciences bachelor's degree program in health sciences education. She is currently working toward a Master of Science degree in the same field.

A grant proposal she has written to survey dental assisting retention rates in the state of Indiana is currently under review by the Indiana Dental Association Foundation.

As a volunteer with the Interfaith Hospitality Network, which assists homeless families, Ms. Macauley has helped in the resettlement of refugees from Africa, Afghanistan, Bosnia, and Viet Nam.

Ms. Macauley was an IUPUI Adult Merit Scholar during her baccalaureate studies, and she accepted membership in the IUPUI campus' Golden Key and Alpha Sigma Lambda national honor societies for adult students. She was also a recipient of an IUPUI Chancellor's Honor.

David Brown Named Acting Restorative Chair

The IU School of Dentistry's Department of Restorative Dentistry has recently undergone a change in administration.

After serving on the faculty more than four years, E. Steven Duke, chair of restorative dentistry, resigned from his position to accept a post as chief of Dental Service of the Central Texas Veterans Health Care System, which maintains facilities in Austin, Waco, and six other cities in the state.

A 1982 graduate of IU's master's degree programs in operative dentistry and dental materials, Dr. Duke returned to IU in 1999 from his home in San Antonio, Texas, to head restorative dentistry as well as to become IU's first Indiana Dental Association Endowed Chair in Restorative Dentistry.

David T. Brown, restorative dentistry's vice-chair, was named acting chair of the department, effective April 1, 2003. He will serve throughout the school's search and screen process for a permanent administrator.

The IDA chair will remain vacant until it is filled subsequent to a national search.

A member of the IU faculty since 1986, Dr. Brown received his dental degree from The Ohio State University and his master's degree in prosthodontics from the Mayo Graduate School of Medicine. He is a diplomate of the American Board of Prosthodontics.

Dr. Brown previously served as acting head of restorative

dentistry in 1997-98 and was named vice-chair in 2000.

The Department of Restorative Dentistry is composed of the divisions of prosthodontics, operative dentistry, and dental materials.

"We thank Steve for his service here and Dave for his willingness to serve in this important role," said Dr. Lawrence Goldblatt, dean of dentistry. "And we wish Steve well in his new position."

Kenneth Anusavice Is Keynote At 11th Annual Research Day

An internationally respected biomaterials professor and researcher addressed faculty, staff, and students at the 2003 Research Day, held in April at the IU School of Dentistry.

Kenneth Anusavice, associate dean for research and chair of dental biomaterials at the University of Florida College of Dentistry, gave a presentation titled "Caries Risk Assessment for Optimal Treatment."

Dr. Anusavice assumed the presidency of the American Association for Dental Research (AADR) shortly before his visit to IU.

He is the editor of editions 10 and 11 of the textbook, *Phillips' Science of Dental Biomaterials*.

When he accepted the editorship of the Phillips' text, he renamed it for the IU School of Dentistry's legendary Professor Ralph W. Phillips, who served as co-editor of the 5th and 6th editions and as editor of editions 7 through 9. One of the most famous and longest running

dental textbooks in the world, the book was originally written in 1936 by Dr. Eugene W. Skinner.

Research Day was led this year by Jeffrey Platt, the Ralph W. Phillips Scholar in Dental Materials, and was held in conjunction with the Indiana Section of the AADR, for which Dr. Platt serves as president. The event was funded in part by the Wm. Wrigley Jr. Company, which annually serves as Research Day's corporate sponsor.

In addition to Dr. Anusavice's talk, 65 posters and table clinics were presented by faculty, staff, and students, including many that had made their debut a few weeks earlier at the AADR annual session in San Antonio, Texas.

The school also welcomed a wide variety of companies and organizations as Research Day exhibitors.

Research Day was preceded for the first time by a reception the evening before, when alumni and others were invited to meet Dr. Anusavice and to observe the judging for the poster and table clinic competitions.

A ribbon-cutting ceremony for the school's new Seal Mobile also took place during the reception (see photo page 4).

As usual, the IUSD Alumni Association presented its annual faculty awards at Research Day, and the winners of the various research competitions were announced.

James Hartsfield Jr., professor and director of oral facial genetics and professor of orthodontics, received the *Distinguished Faculty Award for Research*.

He has been contributing to IU's research program since he first joined the faculty a decade

ago. Dr. Hartsfield is also appointed at the medical school as a professor of medical and molecular genetics. He holds four advanced degrees, including two doctorates (DMD, PhD) and master's degrees in medical genetics and medical sciences. He received his certificate in orthodontics from Harvard University. He is widely published and has acquired extensive editorial experience as a reviewer for several refereed journals. His work has been funded by the National Institutes of Health and other agencies. He is a past recipient of an NIH Physician-Scientist award, and from 1996 to 2001 he was principal investigator on an NIH grant titled "Epoxide Hydrolase Studies and Phenytoin-induced Clefing." Dr. Hartsfield is a recipient of the American Association of Orthodontists Foundation B.F. Dewell Memorial Biomedical Research Award, and he is a founding fellow of the American College of Medical Genetics. As a teacher and research mentor for students at IUSD, Dr. Hartsfield has observed with pride the accomplishments of his graduate students, such as those of Riyadh Al-Qawasmi, whose research garnered a national award in 2002.

Vanchit John, assistant professor of periodontics and director of undergraduate periodontics, received the *Distinguished Faculty Award for Teaching*.

The award comes quite early in his academic career, in part for the excellent evaluations that have been written by students about his efforts as a teacher. He received an Outstanding Periodontics Faculty award from the DDS class in 2002. Dr. John

contributes extensively to IUSD's predoctoral program. He teaches in nine courses and also serves as a module and course director. Like Dr. Hartsfield, Dr. John has four advanced degrees — two doctorates in dentistry and two master's degrees in periodontics. He received a Young Investigator Award from the American Society of Bone and Mineral Research in 1995, the same year he graduated from IU's periodontic program. He spent the next year as an IU postdoctoral research fellow

through a program sponsored by Eli Lilly Research Laboratories. He received a Young Investigator Fellowship from the American Academy of Periodontology in 1996. Dr. John has been a member of the faculty since 1998, and has always set an example for students through his professionalism, dedication, and strong work ethic.

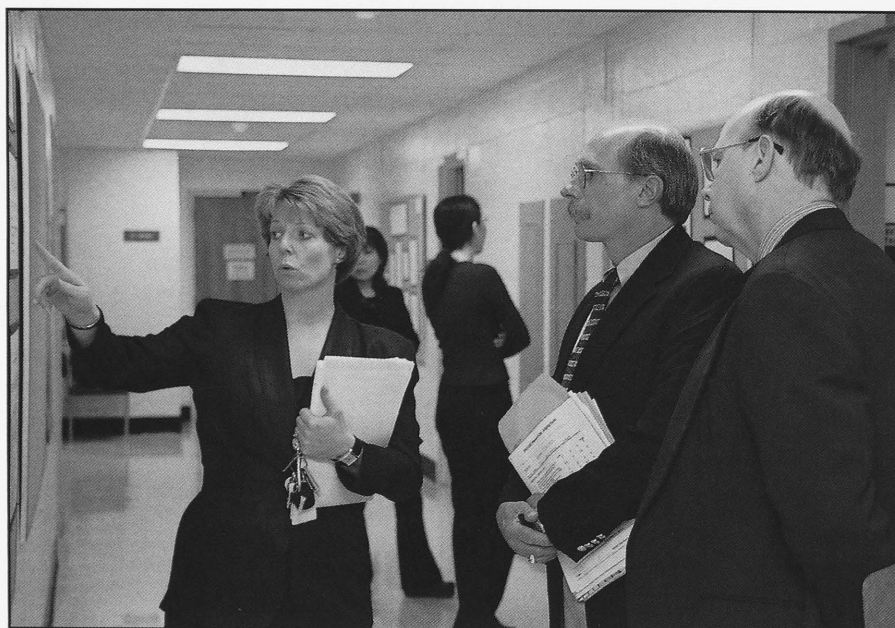
Also during the awards program, two individuals were singled out for research efforts they undertook as students.

Fourth-year dental student **Michael Ranjbar** received the Cyril S. Carr Dental Student Research Scholarship for best exemplifying a long-term commitment to excellence in conducting, presenting, and promoting research. He completed his studies under the mentorship of Eric Everett, assistant professor of oral facial genetics and dermatology.

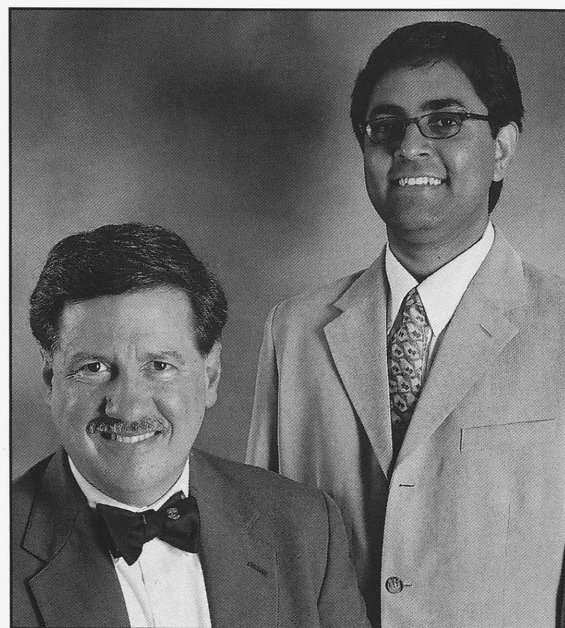
Lorena Sá, a part-time clinical assistant professor in restorative dentistry and a recent graduate of the master's degree program in operative dentistry, received the Maynard K. Hine Graduate Student Award for Excellence in Dental Research. The award is given for the best manuscript submitted for publication by an IUSD graduate student. Dr. Sá's manuscript is titled "Fluoride Releasing Materials and Their Anti-Cariogenic Properties Tested in In Vitro Caries Models." She worked under the guidance of Carlos González-Cabezas, assistant professor of preventive and community dentistry.



Research Day chair Jeffrey Platt (left) chats with keynote speaker Kenneth Anusavice.



Brenda Fitzgerald, winner of the Research Day staff award, explains her poster to faculty members Bruce Schemehorn (center) and Byron Olson.



Distinguished faculty award recipients James Hartsfield Jr. (seated) and Vanchit John



Photos by Tom Meador

Award recipients, standing from left: Lorena Sá, Jeremy Sorhus, Lori Bahleda, Kristy Dixon, Carolyn Berry, Jamie Hobbs, Melissa Foster, Michael Ranjbar, Kimberly Scheidler, Julia Vice, Vanessa Chatham, Elizabeth Miller, Riyad Al-Qawasmi, and Ruta Zekonis. Seated: Lori Foland, Abigail Ladd, Alicia Dickey, and Linda Cowin.

Recipients of the Poster and Table Clinic Awards

John O. Butler Company's Staff Award for Research Excellence

Brenda Fitzgerald

curriculum and assessment specialist
Dental Education
Measuring Written PBL Assessment
Quality: Rubric Design and Testing

Best Dental Assisting Table Clinic Award

Linda Cowin, Kimberly Scheidler, Julia Vice, Vanessa Chatham

Who Am I? The Role of Forensic Dentistry in Identification of Human Remains

Best Dental Hygiene Table Clinic Award

Carolyn Berry, Alicia Dickey, Melissa Foster, Abigail Ladd, 2nd year

Maxillofacial Prosthetics and the Dental Hygienist

Procter & Gamble Dental Hygiene Table Clinic Award

Kristy Dixon, Lori Foland, Jamie Hobbs, 2nd year

Normalizing Care in the Physically Disabled Dental Hygiene Patient

3M/ESPE Clinical Presentation Award

Elizabeth Miller

4th year dental student
Respiratory Burst Response of *Actinobacillus actinomycetemcomitans*

Jack D. Carr Table Clinic Award and American Dental Association/ Dentsply International Dental Student Clinician Award

Jeremy Sorhus

3rd year dental student
Degradation of Carbamide Peroxide and Hydrogen Peroxide Containing Products In Vitro

Procter & Gamble Award for Excellence in Preventive Oral Health Care

Lori Bahleda

4th year dental student
Evaluating the Use of Caries Risk Assessment Procedures by Indianapolis Area Dentists

Shofu Graduate Student Award

Ruta Zekonis (MSD'02)

DDS advanced-standing student
Clinical Study of In-office and At-home Bleaching Treatments

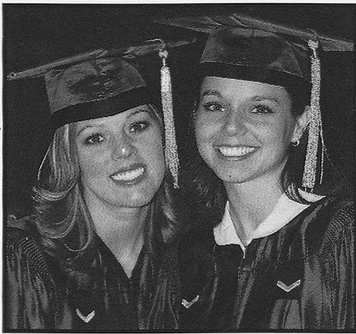
Trident Award for Innovation in Oral Care Research

Riyad Al-Qawasmi

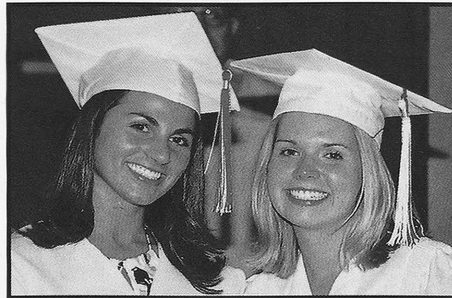
candidate for PhD and orthodontic master's degrees
Variable Root Resorption Associated with Orthodontic Force Among Inbred Mouse Strains

CONGRATULATIONS TO

Photos by Tom Meador



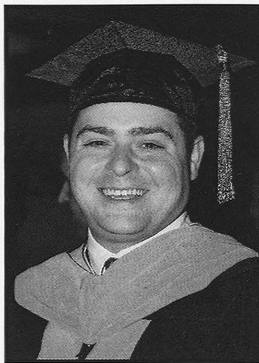
*Heather Carrier (left) and
Mindy Alexander (DH)*



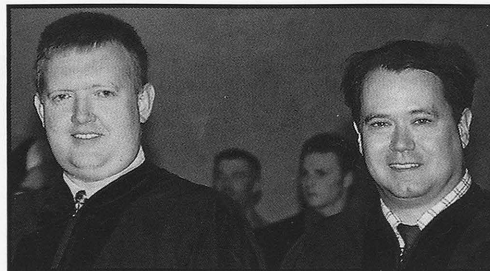
*Tia Tromley (left) and Kimberly Tunis
(DA)*



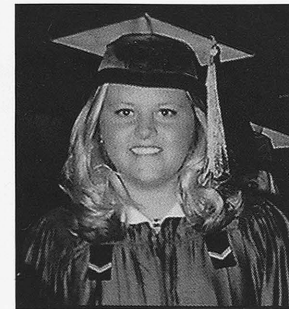
*Kathryn Adams
(DH)*



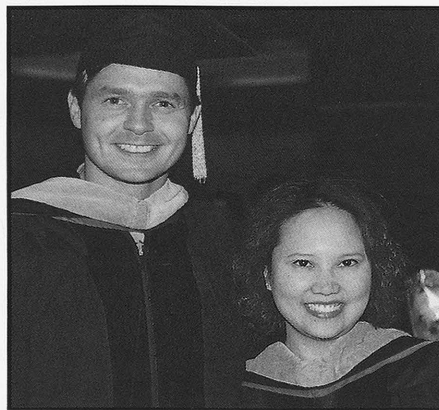
*Michael Joseph
(MSD)*



*Richard Parker (left) and David Ladd
(DDS)*



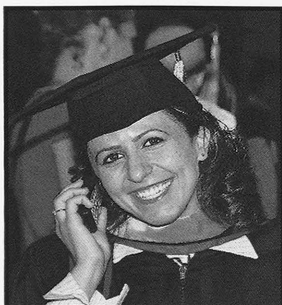
Rebecca Dailey (DH)



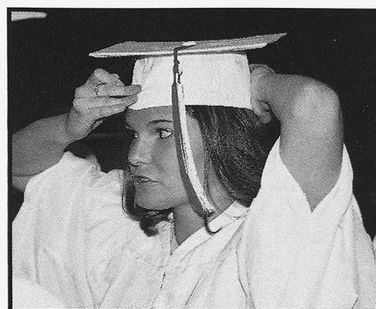
*Hafsteinn Eggertsson (PhD), left,
and Sapanis Dhanvarachorn (DDS)*



*Christopher Hardin (left) and Brian
James (DDS)*



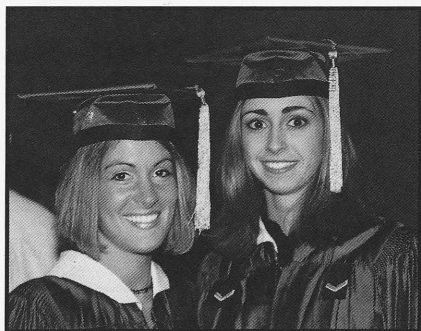
Wafa Al Ammar (MSD)



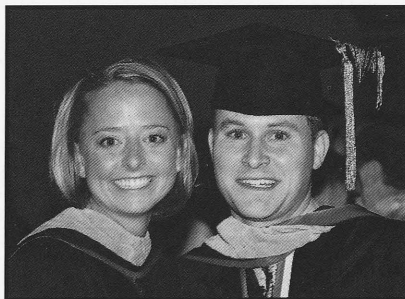
Kathryn Sims (DA)

2003

THE '03 GRADUATES



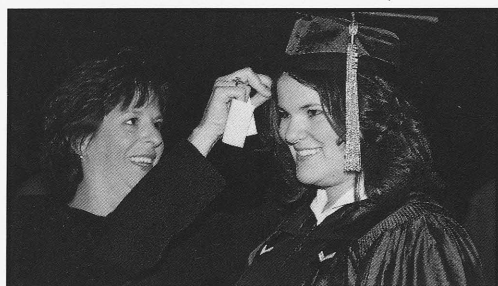
Sarah Osborne (left) and Melissa Foster (DH)



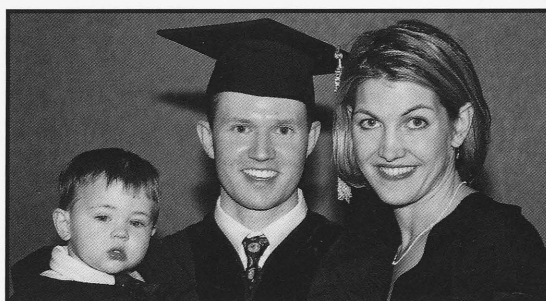
Christie Goodpaster McDonald and Jason DeWitt (DDS)



Nicole Huff (DDS)



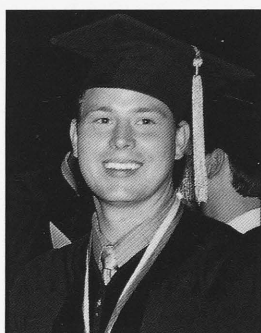
Final touches for Rachel Kehl (DH) before she and classmates line up for Post-Commencement exercises



Garth Hatch (DDS) with two of his most devoted supporters



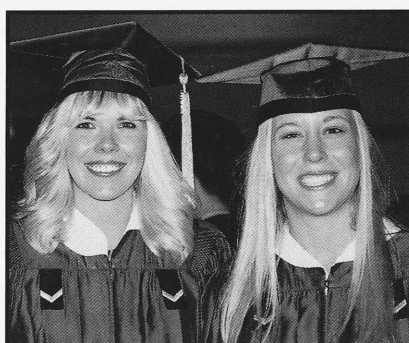
A quick glance into the mirror assures Andrea Willis (DA) that her cap is perfect.



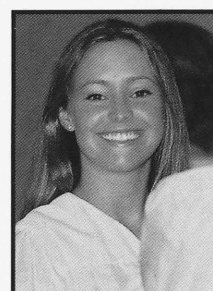
Sean Cook (DDS)



Angela Kirk (left) and Marci Smith (DA)



Jamie Marvel (left) and Amy East (DH)



Lindsey Holman (DA)

Grad's

Honor Societies Welcome New Alumni



**THETA THETA
CHAPTER**
Omicron Kappa Upsilon
Honor Dental Society

Back, from left: Michael French, Casey Noble, Elizabeth Hagerty, Alan Gibb, Stephen Kohler, and Eric Smith. Front: Matthew Bojrab, Emily Eberhardt, and Andrew Mullendore. Not pictured are Reve Chaston and Lindsay Resmer.



THETA CHAPTER
Sigma Phi Alpha Honor
Dental Hygiene Society

From left: Catherine Diagostino Steinacker, Abigail Ladd, Audrey Judd, Havilah Stoller, and Sara MacKinnon

GRADUATING

with High Distinction

Dental Hygiene

Havilah Stoller

Dentistry

Michael French

Alan Gibb

Lindsay Resmer

Eric Smith

David Swiderski

with Distinction

Dental Hygiene

Carolyn Berry

Audrey Judd

Sara MacKinnon

Dentistry

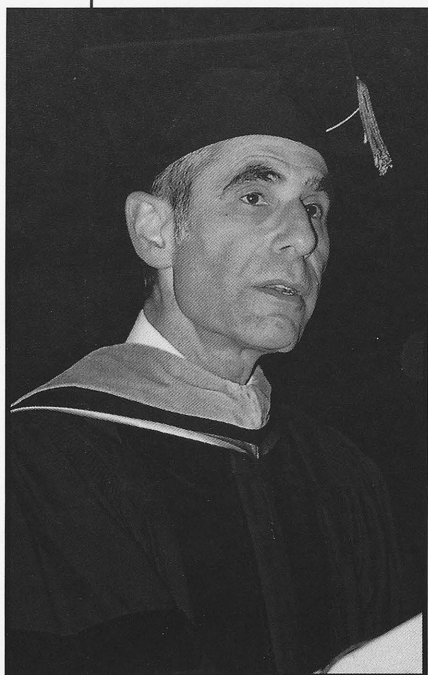
Matthew Bojrab

Reve Chaston

Andrew Mullendore

Casey Noble

Jaron Wedding



Dean Lawrence Goldblatt welcoming the Post-Commencement assembly

Dean Lawrence Goldblatt led the IU School of Dentistry's 2003 Post-Commencement ceremonies, held May 11 in the 500 ballroom of the Indiana Convention Center.

Following immediately after IUPUI's Commencement program at the RCA Dome, the event drew hundreds of family members, friends, and associates who gathered to honor each graduate from the dental school's classes of dentistry, dental hygiene, dental assisting, public health dental hygiene, and graduate dentistry.

Dean Goldblatt's remarks to the graduates were complemented by addresses from the class presidents, including Ms. Sara Melvin (dental assisting), Ms. Abby Selby (dental hygiene), and Dr. David Swiderski (dentistry).

Former IUSD anatomy professor Dr. Daniel Brady was invited by the DDS class to make this year's farewell address to the graduates.

Dr. Brady left IU in 2000 to accept a position as a regulatory scientist, U.S. Regulatory Affairs,

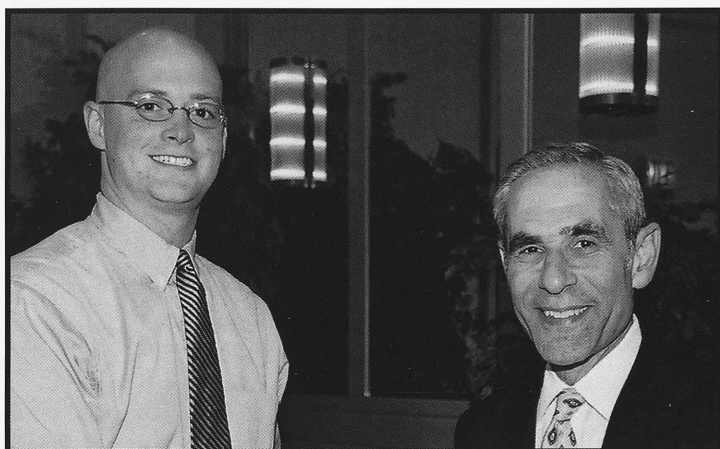
for Eli Lilly and Co. He holds a PhD degree in anatomy from the University of Iowa.

He served on the IU faculty for three years, and continues to participate in an adjunct position. Before coming to IU, he was chief of molecular neuropathology in the neurosciences laboratory of the National Institute on Aging in Bethesda, Maryland.

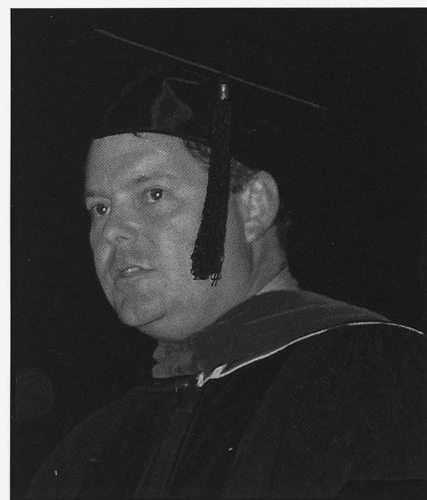
In his address, he reminded the graduates that the word "doctor" means "teacher" in Latin. He urged them to embrace the role of teacher throughout their careers, and to remain open to the variety of ways one can learn.

"Remember, life is like the trigeminal nerve: Aside from being dynamic and existing relatively unknown to the individual, most of the time its branches are right where you expect them. But occasionally the branches may surprise you and not be where you expect them. Relish those aberrant occasions and appreciate the diversity of life."

Excerpt from Dr. Daniel Brady's Post-Commencement address

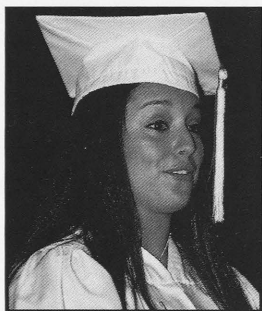


The Dean with graduating dental student Michael Drone at the school's annual awards banquet, held on campus April 25. Michael received the Russell Winfield Lehman, DDS Scholarship Award, new to the awards program this year. Named to honor the memory of a 1927 IU dental graduate and lifelong Terre Haute practitioner, the award was recently established by Dr. Lehman's son, R. Stephen Lehman (DDS'73), Carmel. The scholarship is intended for graduates who plan to enter IU's prosthodontic program and to practice in Indiana. Watch for more information about this scholarship in the next issue of the Alumni Bulletin.



Dr. Daniel Brady

AWARDS AND HONORS



*Dental Assisting Class
President Sara Melvin*

Dental Assisting

Lindsay Huffman

- Highest Academic Award

Natalie Riley

- Clinical Achievement Award

Dental Hygiene

Mindy Alexander

- Hu-Friedy Award

Jessica Carmichael

- Procter & Gamble Prevention Award

Brandi Jenkins

- Dr. Tillman E. Miller Clinical Achievement Award, 1st Place

Audrey Judd

- Rossya Kaufman Memorial Award

Rachel Kehl

- Johnson Public Health Scholarship

Sara MacKinnon

- Dr. Tillman E. Miller Clinical Achievement Award, 2nd Place

Jamie Marvel

- A. Rebekah Fisk Memorial Award of the Indiana Dental Hygienists' Association

Sarah Metzger

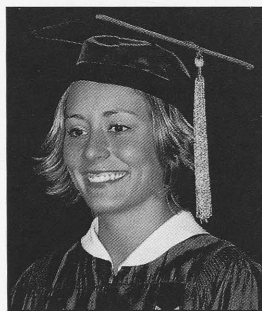
- Johnson Public Health Scholarship
- Colgate S.T.A.R. Award

Catherine Diagostino Steinacker

- Harriett F. Hine Award, IUSD Alumni Association

Havilah Stoller

- Rossya Kaufman Memorial Award



*Dental Hygiene Class
President Abby Selby*

Dentistry

Dean's Gold Awards

(for achieving an average score of 90 or above on Parts I and II of the National Board Dental Examination)

Emily Eberhardt

Michael French

Alan Gibb

Elizabeth Hagerty

Elizabeth Miller

Andrew Mullendore

Casey Noble

Christopher Romas

Eric Smith

David Swiderski

Jaron Wedding

Dean's Silver Awards

(for achieving an average score of 90 or above on either Part I or Part II of the National Board Dental Examination)

Kyle Amspaugh

Reve Chaston

Steven Clute

Sean Cook

Hari Desai

Jason DeWitt

Jeremy Felt

Lathe Miller

Dustin Payne

Michael Ranjbar

Stephen Regan

Brendon Tran

Michael Tuttle

Terence Ziehmer

Lori Bahleda

- Quintessence Publishing Co., Inc., Award for Achievement in Research
- Pierre Fauchard Academy Award

David Bojrab

- Glenn J. Pell Award



*Dental Class President
David Swiderski*

Reve Chaston

- American Academy of Periodontology Award

Jin Cho

- Academy of Operative Dentistry Award
- American Academy of Gold Foil Operators Award

Benjamin Clinkenbeard

- International Congress of Oral Implantologists/Sullivan Schein Achievement Award

Sean Cook

- Indiana Society of Pediatric Dentistry Award
- American Association of Public Health Dentistry Award

Jason DeWitt

- American Association of Oral and Maxillofacial Surgeons Award

Sopanis Dhanvarachorn

- American Academy of Pediatric Dentistry Certificate of Merit

Michael Drone

- Russell Winfield Lehman, DDS Scholarship Award
- Dr. Charles E. and Janice B. Kem Award

Emily Eberhardt

- Indiana Dental Association Award

Jeremy Felt

- Delta Dental Fund Student Leadership Award
- Maynard K. Hine Award, IUSD Alumni Association

Randy Fitzgerald

- Quintessence Publishing Co., Inc., Award for Achievement in Periodontics

Michael French

- American College of Prosthodontists Award
- American Academy of Oral and Maxillofacial Radiology Award
- Alpha Omega International Dental Fraternity Scholarship
- Chancellor's Scholar Award
- OKU Outstanding Student

Alan Gibb

- John F. Johnston Award
- Academy of Dental Materials Award
- James E. Humphrey, DDS Memorial Scholarship
- Alpha Omega International Dental Fraternity Scholarship

Emily Giltner

- Academy of General Dentistry Award

Garth Hatch

- American Student Dental Association Award
- James L. Maus Memorial Scholarship

Matthew Hornaday

- Indianapolis General Dentistry Study Club Award

Nicole Huff

- American Equilibration Society Achievement Award

Stephen Kohler

- Dentsply International Merit Award
- American Academy of Dental Practice Administration Certificate of Merit
- International College of Dentists Award

Elizabeth Miller

- Waterpik Technologies Prosthodontic Award

Andrew Mullendore

- American Association of Orthodontists Award

Michael Ranjbar

- American Association of Oral Biologists Award

Stephen Regan

- Indiana Society of Periodontists Award

Eric Smith

- Glenn J. Pell Award
- Alpha Omega International Dental Fraternity Scholarship

Angela Stanton

- Organization of Teachers of Oral Diagnosis Award
- American Association of Women Dentists Award

David Swiderski

- American Dental Society of Anesthesiology Horace Wells Award

Brandon Tiek

- American Academy of Esthetic Dentistry Award

Michael Tuttle

- American Association of Oral and Maxillofacial Surgeons Dental Implant Award

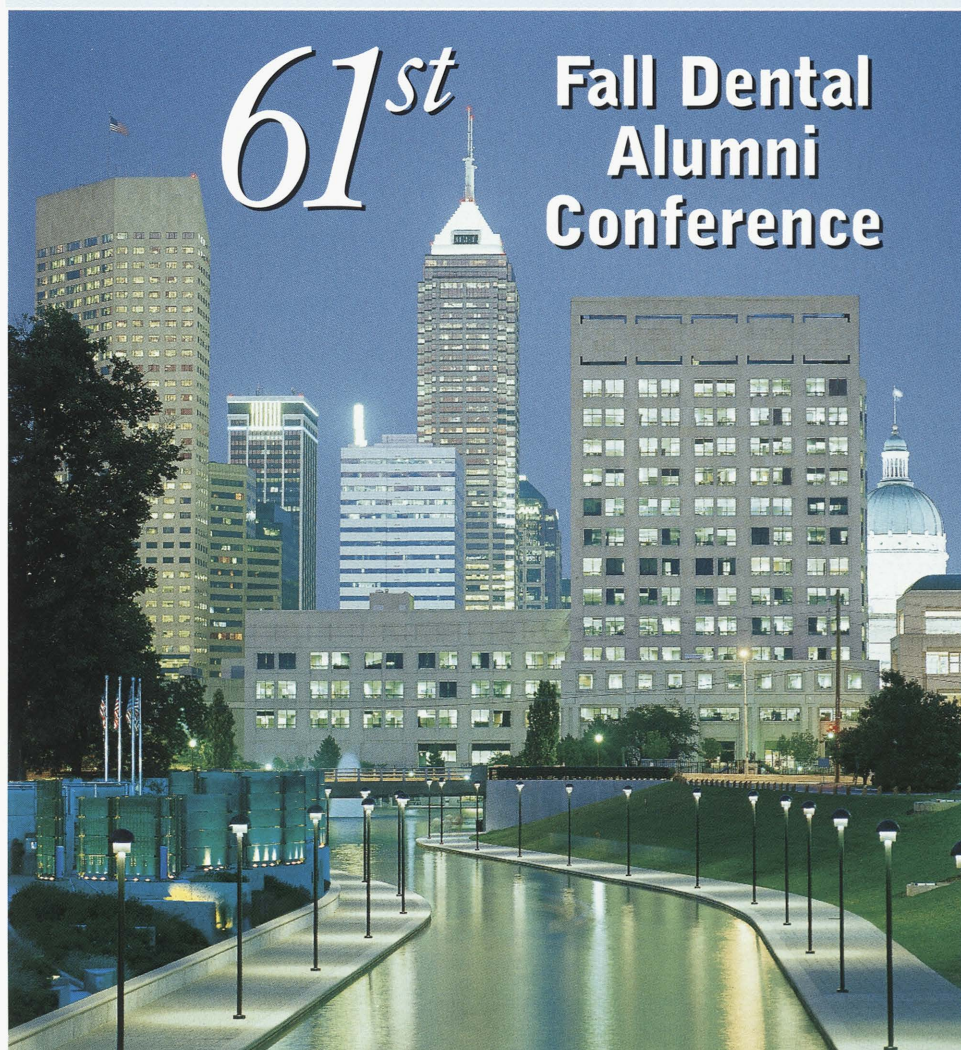
Jaron Wedding

- American Association of Endodontists Award
- American Academy of Oral Medicine Award
- Quintessence Publishing Co., Inc., Award for Achievement in Restorative Dentistry
- Dr. Tillman E. Miller Clinical Achievement Award

Terence Ziehmer

- American Academy of Oral and Maxillofacial Pathology Award

Slip into Your Tennies, Step onto the Canal Walk, and Stroll Indy as You've Never Strolled It Before



61st Fall Dental Alumni Conference

Sept. 18-20, 2003

Please Join Your Classmates for 3 Days of Fellowship and Fun

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Downtown Indianapolis

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