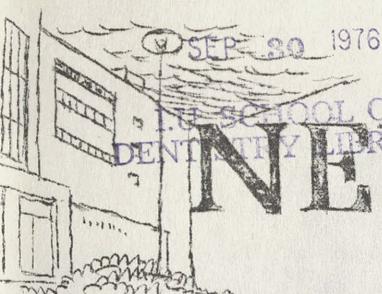


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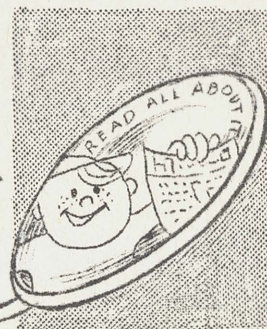
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Indiana University School of Dentistry
Indianapolis, Indiana



SCHOOL OF DENTISTRY NEWSLETTER

INDIANA UNIVERSITY SCHOOL OF DENTISTRY



JANUARY-FEBRUARY 1975

DR. JAMES R. ROCHE, Chairman of the Division of Graduate Pedodontics, has been informed that the United Cerebral Palsy Research and Educational Foundation has approved the renewal application for a \$5500 clinical Fellowship for Graduate Study in Pedodontics in 1975-76. The Clinical Fellowship has been awarded to the IU School of Dentistry annually for the past 16 years. Dr. Ronald Mack is the present holder of the Fellowship.

AN ADDITIONAL ADMINISTRATIVE POST has been established in the Business Office. Mr. James Levens joined our staff February 3, coming to the School of Dentistry from his former position as Assistant to the Controller at IUPUI.

Mr. Levens received his baccalaureate degree in Business Management at the Bloomington campus with a minor in Police Administration and has had considerable experience in the areas of payroll and personnel administration. Mr. Levens will be assuming general administrative responsibilities in the Business Office.

DR. RALPH W. PHILLIPS, Associate Dean for Research, and Research Professor of Dental Materials, was moderator of a symposium on the "Dynamics of Cutting" at the recent annual meeting of the American Association for the Advancement of Science in New York City.

Supported by the National Institute for Dental Research, the symposium focused on what happens at the microscopic level when one object cuts another. Engineers, physicists, polymer chemists and experts in geological drilling examined new approaches in cutting and grinding.

DR. WILLIAM G. SHAFER, Distinguished Professor and Chairman of the Department of Oral Pathology, has been invited to serve as co-moderator of the 25th Annual Anatomic Pathology Seminar for the Indiana Association of Pathologists on May 17, 1975. Dr. Shafer and his co-moderator, Dr. John G. Batsakis, will conduct the seminar on the subject of lesions in the oral and nasal regions.

THE FOLLOWING NOTE HAS BEEN RECEIVED from Mrs. Bea Gordon, who served umpteen cups of coffee, doughnuts, sausage sandwiches, hamburgers, tenderloins, and great good humor to students, faculty and staff members for more than 40 years until the College Inn closed its doors last December:

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I want to thank all of you folks who contributed so generously to my money tree. I took pictures of it and shall have it to remind me of all my wonderful customers and friends. May all of you have a wonderful 1975.

I miss all of you so much.

Sincerely,

Bea Gordon

THE DEPARTMENT OF ORAL PATHOLOGY has received a \$600 grant from the Porter County Cancer Society to support a research study of precancerous changes in the tongue mucosa of the Mongolian gerbil. The study will be directed by Dr. Lawrence I. Goldblatt.

EIGHT COLORFUL PLAQUES, four waste baskets, and a toy chest in the form of a circus wagon were recently donated to the Pedodontic Clinic at the School of Dentistry by Dental Dames. The plaques and baskets, made of burlap and felt, are designed as lions, tigers, and other animals.

Mary Carolyn Snook is credited with the idea of providing the additional decorations for the clinic and designing the plaques. The work was coordinated by Service Committee Chairman Patty Goodwin and Co-Chairman Beth Kerr of Dental Dames. The circus wagon was the work of Richard Bartlett.

Accepting the donation on behalf of the School were Dr. Robert L. Bogan, Associate Dean; Dr. F. E. McCormick, Mrs. Kathy Goetteman, and Mrs. Sarah Manion.

THE SENIOR-FACULTY BENEFIT BASKETBALL GAME, sponsored by Dental Dames, will be played at 7:30 p.m. Saturday, March 22, 1975, at Fulton Junior High School, 7320 West 10th Street. Tickets will be sold before the game and at the door for \$1.25 per person.

DR. VAROUJAN A. CHALIAN, Chairman of the Department of Maxillofacial Prosthetics, has been named Chairman of the Site Visit Committee for Grant Approval to the National Cancer Institute Cancer Control Program for training of Maxillofacial Prosthodontists and Maxillofacial Prosthodontic Lab Technicians. The committee has already visited the following institutions that have applied for grants: Memorial Sloan-Kettering Cancer Center and New York University in New York, Roswell Park Memorial Hospital in Buffalo, and the M.D. Anderson Tumor Institute, University of Texas, Houston.

Dr. Chalian has also been invited to serve on the Cancer Control Community Activities Review Committee which will provide peer review for applications for contracts and/or grants for rehabilitation for the National Cancer Institute's Division of Cancer Control and Rehabilitation Agencies.

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PHIL NICHOLSON, THIRD-YEAR DENTAL STUDENT, has forwarded to us the following report on the student-run Southside clinic:

For the first time in its four-year history, the dental section of the Southside Community Health Center, 234 West Morris St., was open every week for an entire semester last fall. The problems in previous years, perhaps symptomatic of each other, were said to have been: 1. lack of student interest; 2. lack of faculty interest.

Not so with this year's Junior class, organizers of the dental section's mode of operation. Not true on the part of an interested and curious faculty whose presence is necessary for the clinic's operations. John Dole, Stan Dunn, Murphy Dupler, Ben Kawasaki, Phil Nicholson, Neville Richter, Sally Sturgeon and Peggy Nicholson composed the executive committee, whose members cleaned, painted, reorganized and recruited other students and faculty members. The results are immediately evident as one walks up the stairway leading to the waiting room. The stairway walls used to sport chipped paint and the usual graffiti of who loved who. Now they flaunt an inviting "Walk In" and "Dentist" in a red and black supergraphic. The waiting room and operatory have also been repainted with the physical and monetary help of the Center and its director, Mrs. Jessie Williams.

The Center has made practical experience available to participating students who have thus far contributed over 100 man hours of dental service to the community. Drs. Kasle, Avery, Wohlmuth, Roberts, Sarbinoff, Boone, Jeanne McDonald, Armstrong, Marcus, Barr, and Kilgore have donated their time to make the treatment of the patients possible.

The Junior class has assured the clinic's continuance by planning a recruitment of underclassmen and training for the next executive committee. The executive committee members take turns supervising the clinic in its open hours, organize all of the center's operations, and are on call should another student be delayed or unable to meet his or her clinic commitment.

The center has three chairs, a makeshift dark room and an educational room. It offers preventive and restorative dentistry; patients requiring any difficult surgery or long term treatment are referred to the Dental School.

The dental section of the Southside Community Health Center is open Monday nights from 6:00 p.m. to 9:00 p.m. Any student or faculty member who wants to donate time or is just curious may get involved by contacting Sally Sturgeon.

DR. MICHAEL D. WISE, former graduate student in the Department of Fixed and Removable Partial Prosthodontics, reports in a letter to Dean McDonald that he is enjoying his position as part-time lecturer at the Eastman Dental Institute in England. His letter reads, in part:

The Eastman's is a graduate institute offering courses leading to a Master of Science Degree in Dentistry (London University), in the various specialities; courses for the Fellowship in Dental Surgery of the Royal College of Surgeons of London; a Diploma in Orthodontics and Ph.D. degrees.

I work in the department of Conservative Dentistry and my responsibilities are in the areas of occlusion and the relationships between periodontal therapy and restorative treatment, teaching the graduate students on the master programme in Conservative Dentistry. I am also at present carrying out my own research project and documenting some clinical cases for teaching purposes. This position is for two days a week, the remainder of the week being in private practice.

I plan on being in Chicago for the Midwinter meeting in February and look forward to meeting anyone from Indiana.

Yours sincerely,

M.D. Wise, B.D.S. F.D.S.
R.C.S. M.Sc.D.

MRS. LEE FISHER, ADMINISTRATIVE SECRETARY, has been named one of five secretaries to serve as Ex-officio members of the Staff Affairs Committee for IUPUI. The Committee also includes two Clinical Staff representatives from other IUPUI units, and two Administration representatives.

MRS. BARBARA GROW OF THE BUSINESS OFFICE wishes to thank all those who sent cards during her illness.

RONALD CHAMBERLAIN, PRESIDENT OF THE FIRST YEAR DENTAL CLASS, has submitted the following news item:

On January 11, 1975, and for the second time during the school year, the Freshman Dental Class held a reception for candidates taking the Dental Aptitude Test. During the lunch hour break, the student lounge was opened for free coffee and informal rap sessions with first year students. At the end of the test, candidates from Butler University joined the group for more coffee and answers to questions. In addition, the class put on demonstrations of first year equipment, textbooks and work. The candidates were given the opportunity to get the feel of rotary instruments on teeth and ivory facsimiles. Waxing demonstrations were also provided. Representatives of the class felt this project was successful and worthwhile as a learning experience. They extend their thanks to Drs. Kasle, McCormick, Allman and Schmedtje for their personal contributions.

MRS. BERNIE CAMPBELL, Dental Records Administrator and Supervisor of Admitting and Records Personnel, has been named Chairman, Subcommittee on Data Storage and Retrieval, of the Mayor's Task Force for Tagging and Triage Records in Emergency and Disaster. The group is developing a tagging and medical record system which will eventually be used by all units providing emergency services in Marion County.

Mrs. Campbell has also conducted a series of instructional sessions for senior medical records students on "Emergency and Outpatient Record Systems." In addition, she wrote a paper on emergency and disaster records which was presented by the American Medical Record Association at a national conference on confidentiality of health records last November.

ROBERTA M. BEAGLES, who worked on a research project in the Department of Oral Diagnosis/Oral Medicine last summer as a participant in the 1974 Indiana University High School Science Students Institute, has written a report which has been published in a volume summarizing Institute activities. Miss Beagles had completed her junior year of high school at Pacific Palisades, Calif., and her research supervisor on the project "Evaluation of Reactions to Three Dental Materials" was Dr. Robert Langlais.

A COUPLE OF WARM WEATHER ITEMS for winter-weary readers: Commencement Exercises for IUPUI are scheduled for 3 p.m. Sunday, May 18, 1975 in the Convention Center; and a day-long program celebrating the 50th Anniversary of the acquisition by Indiana University of the original Indiana Dental College will be held at the Indianapolis Hilton on June 18, 1975. Details on both events will be reported later.

THE NEWSLETTER IS MOST GRATEFUL for the following travel report, provided at our request by Dr. Ralph G. Schimmele, Assistant Dean.

Jambo Bwana - - Jambo Mama (Good morning, Sir -- Good morning, Ma'am)

With this customary Swahili greeting to Mohammed, our African driver, and Melanie, our African dental assistant and interpreter, I closed the door of our VW van and within seconds we began to move slowly down a dusty rust-colored dirt road. On my right sat Karen Yoder who began relating to me what area of the mountain and what school we would be visiting on this particular day. By the time the day's activities had been outlined to me in detail, we had left the barren sparsely vegetated terrain of the savannah and had begun to penetrate the lush, green foliage of the rain forest on the slope of Mt. Kilimanjaro. The banana trees, the coffee trees, the people in the fields, the women, so brightly clothed, walking down the slopes of the mountain balancing their fruits and vegetables delicately on their heads, brought to mind areas in northern Luzon of some thirty years ago.

A sharp turn and a big rock in the road jarred me back to reality. This was January 3, 1975, Moshi, Tanzania, East Africa, and I was visiting Keith (D.D.S. '63) and Karen Yoder (R.D.H. '62 - B.S. '63) and anticipating performing dental services for people of the area and fulfilling a personal desire which I had harbored for a long time.

For the next few moments I mentally reviewed the events that led to my being in that van moving up the slopes of the Kilimanjaro. The sequence of events was simple; a long-standing friendship, months of correspondence, an understanding boss and even more understanding wife, the urge to see what is reported to be the world's "last natural frontier," the willingness of the Kilimanjaro Medical Centre Administration and its dental officer (Dr. K. Yoder) to provide a program permitting me to work for a few weeks, and the prospects of a photographic safari made the venture impossible to ignore.

The program Karen and I were involved in included dental health education and examination and treatment of school children. Karen and Melanie alternated in presenting the dental education aspects of the program since both speak Swahili fluently. The finale to their presentation was a brushing demonstration using a large toothbrush and dentoform which had been presented to Keith and Karen as a gift from Dean Ralph E. McDonald and the School of Dentistry. A simple back and forth scrubbing approach had to be used because we discovered that less than two per cent of the children owned a "western" style toothbrush. Approximately 98 per cent used the "stick," as they refer to it. A "stick" is approximately one-half inch in diameter, very fibrous material, which is purchased in lengths of about two feet for one cent a foot. A five or six inch stick is cut from the longer piece and chewed on one end until frayed. Those children who brush with the stick do a remarkably good job and you can't beat the price.

After the educational presentation by the girls, we examined the children, using mouth mirrors and explorers. Invariably, our records of each school would show approximately the same DMF, which you can compute for yourself from this information: 150 children between the ages of 11 to 15 examined; 15 Class I cavities charted; 1 missing tooth; no restorations. These statistics are definitely on the plus side of good oral health. On the minus side we would list the high incidence of gingivitis and fluorosis of varying degrees that was evident in every mouth. Children in need of dental care were placed in our van and taken to the hospital dental clinic where appropriate treatment was given. After treatment the children were returned to the area where they were picked up and permitted to return home.

Keith's duties as the only dentist at the hospital cover the full spectrum of dentistry from prophylaxis to the reduction of fractures and cases of facial trauma, to working with the 35 staff physicians in the treatment and rehabilitation of oral facial deformities that are congenital and surgical as a result of various neoplastic diseases. In an effort to contribute to this effort, the Indiana Section of Pierre Fauchard Academy presented a copy of Dr. Varoujan Chalian's text on Maxillo-Facial Prosthetics to Keith, who in turn placed the textbook in the hospital library for use by the entire staff. I can report that the text was being widely circulated through the medical staff during my visit and was receiving good reviews by all, and particularly the E. N. T. service.

In addition to the work at the hospital, some afternoons and occasionally an entire day were set aside for sightseeing to enable us to become more knowledgeable about the people, places and things of the area. The Kilimanjaro Christian Medical Centre is located at the base of Mt. Kilimanjaro. The highest peak of the Kilimanjaro is called Kibo and at approximately 20,000 feet is the highest peak on the African continent. The unique design of the hospital provides all patients with a view of the mountain.

Typically the weather provides hot days with low humidity and cool, comfortable nights. Because of the lack of television, radios, etc. most evenings are spent reading, playing cards or just good 'ole conversation on the porch where you can look up and watch the heavens. The stars seem to be so much brighter and so much more numerous at the equator, and except for an occasional dog barking, the evenings are peacefully quiet.

The people that we had daily contact with were most gracious, kind, and anxious to help in any way possible. Most of these individuals I was told are members of the Chaga Tribe with a reputation of being progressive. But perhaps the most interesting people to observe are the Masai. The Masai have resisted all outside pressures of modernization and have steadfastly clung to the ways of living that have been their heritage for hundreds of years. They continue to wear only the orange or red wraparound blanket. The spear, bow and arrows carried by the young warrior with hair braided with blood and mud indicate his accomplishments and rank, in the tribal order for males, while the shaved heads of the women and their elaborate beadwork neckpieces also make them outstanding. They are a fiercely proud people with strong family ties and look upon their elders with what I would term near reverence. The young male Masai does not marry until he is approximately 27 years old and he has successfully served his community as a warrior and protector.

Masai villages are small in terms of number of huts, usually not more than eight or ten at any one site. Their huts are made of tree boughs covered with mud. The hut is approximately five feet high -- not high enough to stand erect. The reason for this, as it was explained to me, is that the hut is used only for sleeping; "living" is accomplished outside of the hut. The eight or ten huts are always arranged in a circle completely surrounded by a high barrier of thorn tree boughs for protection.

The things one can see while in Africa are almost beyond belief. The scenery is unreal and beautiful. Animal life of all kinds abounds. Flowers of all varieties and colors are everywhere. Orchid, frangipani (Hail to 'ole I. U.), and poinsettia are the three that to me were the most impressive.

Time passes swiftly and soon it was time for us to say goodbye to our many new friends at the hospital, particularly Mohammed and Melanie. These two individuals were special. Special because I sincerely believe Mohammed's expert driving contributed to our safety and Melanie because of her wit, charm and knowledge. In addition to being dentally knowledgeable, Melanie is a German educated (4 yrs.) registered nurse who speaks five languages fluently.

We had decided to return to Nairobi, Kenya, a distance of approximately four hundred miles, by automobile. We used Keith's station wagon and a rented safari van. The decision to take a second vehicle was made in the interest of personal safety. A safari van is a modified VW that is equipped with an opening in the roof which permits two or three people to stand and make photographs. Our four-night, five-day safari was planned so that each day's travel would take us from one lodge to another. The safari itself was an experience to cherish throughout one's life and impossible to recount here because of space limitations. If you appreciate nature unspoiled - - if you enjoy seeing giraffe, elephant, lion, leopard and other animals, try an African safari.

And for a truly magnificent experience that is one hundred per cent pleasurable from every aspect - - be certain to include Keith and Karen Yoder.

Africa, anyone?

* * * * *