

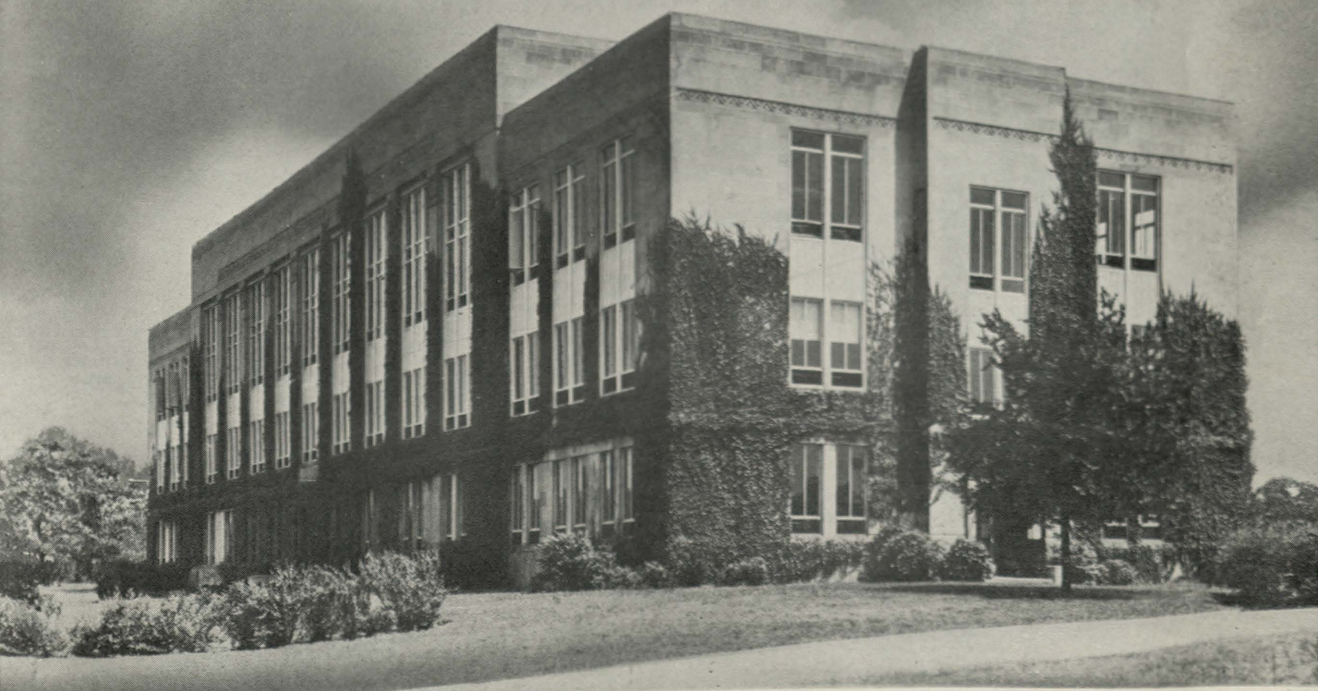
*Alumni Bulletin*

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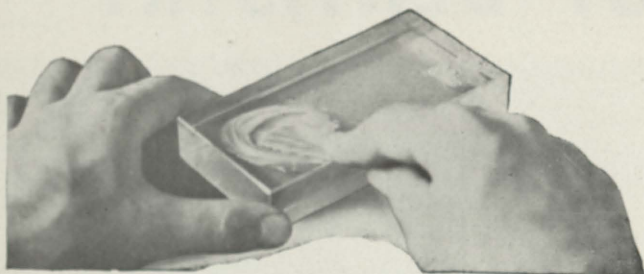




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## Alumni Bulletin

- SCHOOL OF DENTISTRY ● INDIANA UNIVERSITY ● INDIANAPOLIS, INDIANA  
A free and non-profit bulletin issued quarterly by Indiana University School of Dentistry for the purpose of keeping its Alumni informed of the activities and progress of the school.
- EDITOR—R. W. PHILLIPS ● ASSISTANT TO THE EDITOR—R. HANNAH
- STAFF—A. O. HUMPHREYS, R. A. MISSELMORN, W. B. CURRIE

January, 1948

Officers of the School of Dentistry Alumni Association for 1947-48 are:

Donal Draper—President  
Harry Healey—Secretary





DR. DONAL DRAPER,  
*President of Alumni Association*

### ● Report on Alumni Meeting

The annual meeting of the Alumni Association of the School of Dentistry for 1947 was held on October 3 and 4 and was enthusiastically attended by a large group of alumni. The two-day meeting was the first of its kind to be held. Table clinics were presented by alumni and faculty members on Friday afternoon. A well organized entertainment program was provided in the evening for the alumni and their families.

On Saturday morning the meeting was highlighted by papers presented by Dr. Stanley Tylman, Head of Crown and Bridge, University of Illinois, and by Dr. Harold Hillenbrand, Secretary, American Dental Association.

At the business meeting, Dr. Donal Draper, Indianapolis, was elected president of the association. Dr. Charles Wylie, Bloomington, and Dr. Harry Healey, Indianapolis, were elected vice-president and secretary-treasurer respectively. A new constitution and by-laws were adopted by vote of the membership. The constitution provided that all affairs of the

association shall be conducted by a board consisting of the following:

1. The officers of the association—president, vice-president, and secretary-treasurer
2. The immediate past president of the association
3. The Dean of Indiana University School of Dentistry
4. Five active members at large of the association

On recommendation of Dr. William Barb, Chairman of the Nominating Committee, the following were elected as members at large on the board: Dr. Paul Asher, Gary; Dr. Richard Wulff, Evansville; Dr. A. L. Harter, Kokomo; Dr. Alex Scott, Muncie; and Dr. H. L. Terrell, Lawrenceburg.

Plans were discussed and made for an even bigger and better two-day meeting of the dental alumni association in 1948. The dates and program for it will be announced well in advance so that all members of the association may conveniently make their plans for attending.



## ● Control of Dental Caries in Children

Nothing can be gained by arguing the fact that practically all dentists would rather do operative dentistry for adults than for children. Children's dentistry should not be considered a specialty, for any dentist with a little thought should be able to make the slight modifications in technic needed to treat deciduous teeth. These technics are receiving more and more emphasis in dental education so that future practitioners will, of course, be better equipped to handle these youngsters. Notwithstanding the fact that most youngsters behave very well under the stress of operative procedures, they cannot sit as still, or remain as quiet and controlled as the adult patient. It may, therefore, require some extra effort upon the dentist's part to handle children but when everything is considered, it is worthwhile. There isn't a dentist who does not appreciate the great need for more dentistry for children. They realize that it is at this period in life when tooth decay is most active and can do the most damage to the future of the dental apparatus if not taken care of adequately. The dentist must also remember that the child of today is the adult of tomorrow and that good service for these youngsters is without a doubt a good practice builder.

Back in 1935 it was estimated that 15,000,000 children needed dental attention and that it would take well over one third of each dentist's working hours to begin to care for these needs. Since that time and particularly since 1940, the number of children in this country has increased tremendously. The number of dentists, on the other hand, has during this interval remained about the same. This, therefore, provides a problem of increasing magnitude, for not every dentist could spend one third or more of his time working with children.

### *Research and the Caries Problem*

Fortunately for all of us, children and dentists alike, a lot of fruitful research has been carried on during this period,

the findings from which, if used correctly, might compensate for the difference in supply and demand of dental restorative work for children.

It used to be said that the common cold and tooth decay were similar in two respects. First of all, one was just as common as the other and secondly, in spite of research efforts, nothing had been done to reduce the frequency with which either of these two discomforting diseases occur. The common cold still is as common and uncomfortable as ever and so is tooth decay. It is possible, however, using information gained from research with fluorine and caries to reduce tooth decay in a population of children by one third. Naturally a possible diminution of one third in a problem as large and as difficult as that of tooth decay in our youngsters should be implemented as soon and as effectively as possible. So far, only pilot studies have been in operation. Three of these under the auspices of the dental section of the United States Public Health Service at Woonsocket, Massachusetts, Troy, Ohio, and Richmond, Indiana, have demonstrated that the results of this fluorine research can be applied to clinic and private patients. This makes it possible and, of course, most desirable that these methods should be more widely applied, that is, in every dental clinic and private practice. First of all, these methods should be administered in every dental office for the benefit of those children in private practice and secondly in clinics sponsored by local and state health agencies. This should be done in existing part-pay and free clinics and where educational systems are interested and have facilities. New facilities in the form of small clinics for indigent and part-pay patients should be established for the purpose of administering fluorine. There is at least a relatively inexpensive method for reducing a great deal of caries.

### *Caries Control Clinic*

To facilitate this program there has



been established at Indiana University School of Dentistry a clinic where tooth decay control is being practiced. This clinic will meet each Wednesday afternoon and is set up so that dentists may visit to observe the methods used for caries control in youngsters. This service is not only designed to demonstrate methods of caries prevention, but will also make available speakers for small society meetings throughout the state to describe these methods.

#### *Caries Control Methods*

The first and most important caries prevention method in this demonstration will be the topical application of sodium fluoride. This technic is listed as follows:

1. Before each treatment series, give the young patient a thorough dental prophylaxis.

2. Isolate with cotton rolls and dry as many contiguous teeth as the operator can control. (Each lower quadrant should be handled separately, the entire upper arch at one time.)

3. Place upon the dried tooth surfaces a solution of sodium fluoride. Spray or rub on with saturated cotton.

4. Keep the tooth surfaces isolated for four minutes.

5. At the end of four minutes have patient rinse mouth with tap water.

6. Repeat above treatment until all teeth are covered.

7. These treatments should be applied four times about three days to a week apart.

8. Such a series of treatments should be given to youngsters at the ages of 4, 7, 9, and 13 years of age or about once each three years.

The 2% sodium fluoride solution used for topical therapy can be compounded by a druggist as follows:

R/

Sodium Fluoride .....2 grams

Tinc. of Thymol or Phenol ...1 drop

Distilled water, q.s.ad. .100 milliliters

Saccharin .....1/4 grain

Note: The solution should not be filtered or heated to increase solution rate. About

200 ml. should be made at one time. Discard the solution should it become cloudy, form a precipitate or fill with dust particles.

#### *Diagnostic Value of Lactobacillus Acidophilus Counts*

There has always been a great deal of concern about refined carbohydrates and tooth decay. A few years ago a dietary method of caries control based upon salivary analysis for lactobacillus acidophilus activity was described. A saliva diagnostic service was operated at Indiana University School of Dentistry for three years and then discontinued because of its doubtful value. Several researches have demonstrated that attempts to determine quantitatively the number of lactobacilli in salivary samples with any degree of accuracy for each individual is rather difficult. The determination of caries activity in a large group of individuals based on saliva analysis for lactobacillus acidophilus may be of some value but for the diagnosis of caries in the individual, visual inspection and x-ray film examinations are the only certain methods available. Since no one knows how long it takes for a cavity to develop, whether caries is a slow, steady or intermittent process or both, there can only be one sure way of examining for tooth decay and this is through the periodic visual and x-ray examination of the teeth. Periodic routine x-ray examinations are essential for the discovery of all tooth decay in every mouth.

Where marked caries activity has been indicated, that part of the caries control program, that is, dietary regulation, may be of distinct value. There can be no doubt that an adequate, well-balanced diet during and after tooth formation is best for good general and dental health. Special diets should be recommended only for those patients who are truly cooperative. Sustained interest in a well-balanced, refined carbohydrate-free diet is usually more than the average patient can withstand. Where the dentist can convince

(Continued on page 12)



## Alumni Notes

### from the Dean's Office

Last month we had so many letters that we did not give our "Guest Book" entries. Beginning with March 27, we have had the following visitors: Dr. Robert M. Ricketts '45, at that time with the Navy (now at University of Illinois graduate school); Dr. Milton Goodman, '45, and wife (on their honeymoon) 2126 Oakman, Detroit; Dr. G. W. Simpson, December, '44, 1½ E. Monroe, Franklin, Indiana; Dr. Ira T. Hull, '11, 113½ S. Michigan, South Bend, Indiana; Dr. N. G. Wills, 210 W. 7th St., Connersville, Indiana; Dr. O. E. Crawley, '29, 315 N. Tennessee St., Danville, Indiana; Dr. Hoyt S. Kuhns, '35, 606 Tribune Building, Terre Haute, Indiana; Dr. J. W. Boys, '23, Dana, Illinois; Dr. G. M. Cropp, '18, Shoals, Indiana; Dr. C. R. Clark, '09, 331 Emsley Ave., Auburn, Indiana; Dr. J. C. Calland, '45, 1626 E. 52nd St., Indianapolis, Indiana; Dr. H. T. Blackburn, '46, 2421 Broadway, Ft. Wayne, Indiana; Dr. J. G. Pierce, '44, 938 Meridian, Anderson, Indiana; Dr. C. E. Simon, '26, 233 E. Jefferson, Fort Wayne, Indiana; Dr. William Aitken, '43, 2318 2nd Ave., Terre Haute, Indiana; Dr. G. F. McKean, '26, 205 W. Huntington St., Montpelier, Indiana; Dr. Paul M. Tanner, '25, 511 J.S.M. Building, South Bend, Indiana; Dr. Melvin J. Nevel, '46, Station Hospital, Red River Arsenal, Texarkana, Texas; Dr. Malcolm E. Boone, '46, Dental Dispensary, Parris Island, South Carolina; Dr. Sheldon L. Hall, '42, 3315 E. 10th St., Indianapolis, Indiana; Dr. W. F. Kirchoff, '43, Freelandville, Indiana; Dr. C. S. Conley, '24, 204 Peoples Life Building, Frankfort, Indiana; Dr. J. Lester Furnas, '10, LaJolla, California; Dr. F. A. Hornaday, '25, N. Manchester, Indiana; Dr. M. M. House, '03, Whittier, California; Dr. Bernard A. Martin, '24, 1018 Hume Mansur Building; Dr. Walter J. Raibley, '43, 527-B Sycamore St., Evansville, Indiana; Dr. R. E. Jennings, '45, 5018 W. 10th, Indianapolis, Indiana; Dr. Victor L. Bunch, '46, 511 E. Main, Washington, Indiana; Dr. Robert E. Kemp, '45, Winslow, Indiana; Dr. C. L. Howell, '46, Johns Hopkins University, Baltimore, Maryland; Dr. Ralph A. Ber- man, '40, 408 Platt Building, South Bend, Indiana; Dr. John S. Fraser, '40, 418 Ben Hur Building, Crawfordsville, Indiana; Dr. John W. Pentecost, '47, 208 N. Main Street, Tipton, Indiana; Dr. A. R. Shonkwiler, '05, Rockeville, Indiana; Dr. Archie Powell, 1892, 1984 Lundy Ave., Pasadena, California; Dr. J. W. Hammer, '19, Middletown, Indiana; Dr. Jack D. Singer, '47, 7344 Michigan Ave., Detroit, Michigan; Dr. Irwin L. Burack, '47, Walter Reed General Hospital, Washington, D.C.; Dr. Murray Shuser, '47, 60 Yereance Ave., Clifton, New Jersey; Dr.

R. J. Miller, '34, Box 359, Seymour, Indiana; Dr. K. W. Siegesmund, '38, 1313 Cleveland, Hobart, Indiana; Dr. John Richards Jr., '45, 1410 R St., Bedford, Indiana; Dr. Lawrence A. Lang, '47, 509 Johnson Block, Muncie, Indiana; Dr. Anthony W. Fisher, '47, Alexandria, Indiana; Dr. Charles E. Watkins Jr., '46, Room 205 W & B Bldg., Logan, West Virginia.

Dr. Arthur J. Mullin '45, announces the removal of his office to 5454½ East Washington St., Indianapolis, Indiana; Dr. Marvin A. Tuckman, '47, announces the opening of his office at 17 Church St., Paterson, New Jersey; Dr. Thomas W. Adams, '47, announces the opening of his office at 7601 Reading Road, Cincinnati 16, Ohio. Dr. Stanley Schwartz announces the opening of his office at 1200 Church Ave., Brooklyn 18, New York. We appreciate receiving these announcements and they certainly enable us to keep our alumni files more up to date.

An interesting letter from Dr. W. W. Walker, '47, (Rooms 204-25 Scott Building, Burlington, North Carolina), who hasn't forgotten that Dean Hine still considers chronic inflammatory ideopathic hyperplastic gingivitis cases as pet hobbies of his! Dr. Walker didn't tell much about himself—but he did sound busy.

News from Dr. Morris Weiner, '44 (Dec.), is that his honeymoon starts Dec. 1; Dr. Joel Fertig has been a papa for over 3 weeks and has also been appointed as examining dentist for the educational system of New Brunswick, New Jersey; and the New Jersey, Connecticut, and Massachusetts I.U.S.D. alumni are planning to get together for monthly educational meetings. Sounds wonderful and we do hope they write us a round-robin letter at one of those meetings. A note from Dr. John William Hohe, '45 (Huntington, Indiana) tells us he is out of the Navy and looking about for a suitable location. We wish you luck, Dr. Hohe.

Dr. Leo Cohn, '45, writes that he is now out of the service, and he and a young M.D. have opened an office at 742 Broadway, Gary, Indiana. Best wishes for your success, Dr. Cohn, and hope you find time to run down to Indianapolis one of these days.

We were pleased to receive an announcement of the marriage of Barbara M. Ludwig to Dr. Norman Becker, '46, on October 18. Congratulations and best wishes.

We were pleased to learn that Dr. Sidney Epstein, '24, is interested in civic affairs and has been appointed a member of the Pompton Lakes Board of Education at Pompton Lakes, New Jersey.

Dr. Daniel Laskin, '47, who is interning at Medical Center Hospital, Jersey City, New Jersey, writes that he is quite busy, that Nazzaro,

(Continued on page 13)



## Winona Village

Lying just west of Ball Residence for nurses, Winona Village, Indiana University's tiny city within a city, has become, in a very short time, a well established institution. Built and operated by Indiana University with the aid of the Federal government, the village is made up, for the most part, of apartments for dental, medical and law students, residents and interns, their wives and families. In addition, there are three dormitories for single men and one for women, as well as provisions for eight trailers.

Each of the twenty-five aluminum buildings consists of two apartments, either furnished or unfurnished. A living room, kitchen, two bedrooms, bath, and front and back yard can hardly be said to cramp even the largest family residing there. An oil heater and automatic hot water heater plus plenty of insulation add to the comfort.

In an attempt to make the units home-like, the inhabitants have done much to improve both convenience and appearance. Many have built fences and walks, planted grass or sodded front yards, transplanted trees and shrubs, covered cement floors with linoleum, repainted rooms, piped in fuel oil and replaced hot plates with electric ranges or bottled gas stoves. Each home has thereby become distinctive and is looked upon by its occupants with an air of pride.

Bounded by White River and assorted flies and mosquitos, a mammoth excavation for a new State Board of Health Building, and a site for a proposed mental hospital, the inhabitants of the village nevertheless go serenely on their way, enjoying family life in every sense of the word. The friendly atmosphere prevailing is evidenced by the frequent neighborly "over the back fence" visits which are just as frequently interrupted by the appearance of the grocery store on wheels, the ice man, chicken farmer, or assorted tradespeople.

Having overcome such obstacles as

leaky stovepipes, balky heaters, drafty windows, and army cots, the inhabitants have now settled back to enjoy existence and appreciate their cozy little homes, wondering what new experiences will make life in Winona Village as much fun as it has been and is at present.

*Jerome H. Schindel*

## Odd-Dentities

*by*

*ruhamah hannah*

mrs. jeanelle franklin, appointment clerk, has retired after sixteen years at the dental school. miss rita sahm is the new apartment clerk . . . gordon abbott, '45, has taken over dr. clifford wicks' office here in indianapolis . . . the dental school was very sorry to hear of the death of margaret long o'brien, who was assistant cashier here for five years . . . ray anderson, '44, writes from ft. lauderdale, florida, that he is getting along fine down there and likes it very much. i owe him a letter . . . dick starr, '46, has left the staff here to open an office in ft. lauderdale, too. dr. alley burks is spending more time at the school to take over some of dr. starr's teaching duties . . . murray shuser, '47, and jack singer, '47, were in the city for the marriage of irwin burack, '47 . . . charlie watkins, '46, now practicing in landon, west virginia, spent a few days visiting in indianapolis . . . wigand kenter and ernst rosenthal, both from germany, are taking work preparatory to practicing in the united states. mr. kenter practiced recently in palestine and mr. rosenthal in china . . . prof. ralph w. phillips, dental materials, and his assistant, miss marjorie swartz, won the prize essay contest conducted by the chicago dental association. their paper dealt with the effect of fluorides on the hardness of enamel . . . john buhler, formerly of the surgery department here, has been appointed dean of atlanta-southern. joe volker was appointed dean at tufts last spring, making two more indiana graduates that are deans . . . and that's all for this time.



## The Library

### SELECTED LIST OF BOOKS RECEIVED AND ON ORDER DECEMBER 1, 1947

- Abt, I. A. and A. F. 1946 Yearbook of Pediatrics. Yearbook Publishers, 1947.
- Arlitt, Ada H. Psychology of Infancy and Early Childhood. 3d ed. McGraw-Hill, 1946.
- Brauer, John C., Higley, L. B., and Boyd, Julian D. Dentistry for Children. 2nd ed. Blakiston, 1947.
- Clifton, C. E. ed. Annual Review of Microbiology. Vol. 1. Annual Reviews, Inc. 1947.
- Cooper, Herbert J. Scientific instruments. Chemical Publishing Co. 1947.
- Dalton, Van Broadus. The Genesis of Dental Education in the United States. Cincinnati, the author. 1946.
- Fauchard, Pierre. The Surgeon Dentist, or Treatise on the Teeth. Trans. from the 2nd ed. of 1746 by Lilian Lindsay. Butterworth & Co. 1946.
- Gottlieb, Bernard. Dental Caries. Lea & Febiger, 1947.
- Knaggs, Nelson S. Adventures in Man's First Plastic; the Romance of Natural Waxes. Reinhold, 1947.
- Landa, Joseph Simeon. Practical Full Denture Prostheses. Dental Items of Interest, 1947.
- Luck, James Murray and Hall, Victor E. Annual Review of Physiology. Annual Reviews, Inc. 1946.
- Menkin, Valy. Dynamics of Inflammation. Macmillan, 1940.
- Muller, H. J. Genetics, Medicine and Man. Cornell University, 1947.
- Norgaard, Fleming. Temporomandibular Arthrography. Trans. from Danish by Hans Anderson. Einar Munksgaard, 1947.
- Rice, Thurman B. Rice's Bacteriology. 4th ed. Saunders, 1947.
- Simpson, Clarence O. Advanced Radiodontic Interpretation. 3d ed. Mosby, 1947.
- Swenson, Merrill Gustaf. Complete Dentures. 2nd ed. Mosby, 1947.
- Tylman, Sidney. Crown and Bridge Pros-

thesis. 2nd ed. Mosby, 1947.

Winter, Leo. Operative Oral Surgery. 3d ed. Mosby, 1947.

Rita Lee Downing, Librarian

### ● President's Message at Alumni Meeting

This organization can and will be one of the outstanding dental groups in the state. The purpose is well stated in our new constitution. The fellowship developed by such an organization is of unselfish spirit; we are here to show our interest in this great university and in the school of dentistry.

We are indebted to the alumni office for the cooperation they have given us, especially to the fine work of Mr. Danielson and Mr. Fisher, Mr. Danielson for the arrangements he has made for rooms, for food and the entertainment furnished, and Mr. Fisher for his prompt mailing of the football tickets.

Your committee consisting of Drs. Barb, Huckleberry, Hine, Smiley, Healey, White, Geller and Mr. Highway have arranged this program with the hope you will approve a two-day meeting.

How can this organization develop?

1. Strive for one thousand members. With a thousand members we will have an income of two thousand dollars a year.
2. Set up a scholarship fund, the fund to be controlled by a five man board.
3. Set the date of the annual meeting one year in advance.
4. Plan a two-day meeting each year and advertise it well in advance of the meeting.

With such a program more interest will be shown by members. We will have a goal to strive for, and a bigger attendance at our meetings.

### ● Class of 1908 Reunion

Plans are being formulated for a reunion of the Class of 1908. This will be held in conjunction with the Indiana State Dental Association Meeting in May, 1948. Judging from the number who have reported they are preparing yarns for their classmates, there should be a good attendance!



# Class and Fraternity Notes

## ● Freshman Class

Indiana University, School of Dentistry opened its 1947 fall semester with one of the largest classes in the history of the school. Ninety students were enrolled in the freshman class at Bloomington; 90 per cent of them are from Indiana, and the other 10 per cent were chosen from New Mexico, Ohio, Illinois, California, New Jersey, New York, Colorado, Mississippi and Puerto Rico.

Most of the students are on the G.I. Bill of Rights. About fifty per cent are married and most of the wives and children live on campus. A few commute from neighboring towns. The class has an average age of twenty-four. Ages range from nineteen to forty-one.

Dean Maynard K. Hine of Indianapolis addressed the class at the opening meeting. He outlined briefly the semester's work, which included courses in gross anatomy, dental anatomy, histology and biochemistry.

Classes are held daily from 7:30 to 4:30 in the Medical Building. The work consists of cadaver dissection, teeth carving, microscopic study of normal animal tissue, and chemical experiments concerned with the processes of life.

James W. Mott of Warren, Indiana, was elected president. Other officers are: vice-president, John E. Mendenhall of Fowler, secretary, Betty J. Koss of Indianapolis, and treasurer, Donald L. Whitehead of Evansville. Dr. R. T. Hill, Associate Professor of Anatomy, was elected faculty advisor.

Early in the year, plans were formulated for outside activities. A stag wiener roast was held at McCormick's Creek State Park, November 24th. Professors of the school were invited as special guests. Climaxing the social calendar of the year will be a dance in Alumni Hall on January 10, 1948. This dance is an annual event of each freshman class.

This class has promise of being an outstanding group. A great deal is to be expected of it, not only because of its size, but because it is an interested, hard working and conscientious group with an exceptionally high aptitude.

*Betty Koss*

## ● Sophomore Class

On October 7, 1947, the sophomore class met for election of new officers. The officers elected are:

Robert Harris, President; Rex Hodges, Vice President; Kent Moseley, Secretary; John Carmody, Treasurer.

In regard to plans for the future, the class, as a whole, is not making any. All the energy the class has is expended in trying to keep up with the demands of the curriculum which, incidentally, includes that little item, Pathology.

It begins to look as though some of the adept among the eagers in the race to reach the clinic by the beginning of next semester will make it.

*Kent C. Moseley*

## ● Junior Class

The junior class entered the current semester with that "fresh as a daisy" appearance. The summer was a little responsible for this, but probably the main reason was that the B-B eyes, the pseudo-migraine headaches and the super-droop bags under the eyes were just memories of our sophomore days when we practically slept with our microscopes. Recovery from the "pathology blues" seems to be quite complete now. At the time, however, the prognosis was poor but the crisis has been weathered and now the diagnosis is excellent—we are JUNIORS.

Two new members have been added to the class of '49, making a grand total of twenty-six. Mr. Wigand Kenter, formerly of Godesberg, Germany, and lately of Turkey and Palestine, and Mr. Ernst Rosenthal, formerly of Berlin, Germany, and lately of Shanghai, China, are the two new members.

In the class elections a good corrupt bunch was elected with Sam R. Laudeman as president; Edward Bosh, Vice President; Joe Lush, Secretary-Treasurer; Walter Dean and Henry Leff, Student Council.

The junior class has no definite plans for the future, except probably to be seniors. Financially, we are as stable as the Rock of Gibraltar in quicksand, so that all social functions will probably be all-school functions, such as J.A.D.A. dances or fraternity parties wherein the class members individually can participate.

Roscoe Lee was ill for several weeks with bronchitis, and Hay Flickner had a kidney operation, but you can't keep good men down and they're both back among us.

John W. Bach has been nominated as delegate for Xi Psi Phi Fraternity to its annual convention in Los Angeles, December 27, 28, 29.

In a personal oral diagnosis of the class, it was noted that some of the sharpness of the "beaver teeth" has been lost, but not enough to be of any serious consequence.

*Joe Lush*



## ● Senior Class

By the amount of dentures, inlay, crowns and bridges that have been seen in the senior lab this year, considerable experience must be being gained. Also, one of our ambidextrous members has over a hundred gold foil counts to date, which would seem to be quite an accomplishment for this early date, perhaps a record?

Due to the rush of clinical and laboratory activities the Senior Class has not as yet had any social functions. However, at the present, plans are going forward for the annual Faculty-Senior Razz Banquet.

Scenery in, and looking out of the Senior lab has changed considerably the past few weeks. Inside, the east end has become transformed into a well regulated office, with an automatic processor, vacuum investor, electric and gas ovens and centrifugal casting machines in orderly array. Through the windows to the north, we have been watching the fifth floor of Long Hospital going up, slowly at times, due to our rainy Indiana weather. It has been rumored that we were going to have an elevator soon too; perhaps next year it will be a realization.

Class elections brought new officers, (the officers of the Junior Year were carried over from the Sophomore) which were as follows:

Pres., Carl Kohlman; Vice Pres., Joseph Muhler; Sec., Philip Whisler; Treasurer, Fred Hamp; Student Council Representatives, Albert Giordano and William Winer.

*Philip Whisler*

## ● Delta Sigma Delta

Early in the semester, we gave a dance to help acquaint the sophomores with the upper-classmen of our school. Everyone had a fine time, and we are looking forward to another dance later in the semester.

Several actives of XI Chapter attended the IU-Michigan game and visited Alpha Chapter of Delta Sigma Delta. They also looked over the Michigan Dental School, and were impressed by the fine graduate school.

At the beginning of the semester, Dr. Hine proposed that all fraternities strive to co-operate in a rushing program to assure harmony between fraternities, and alleviate confusion among the freshman rushees. It is our sincere wish to cooperate in this matter, as we have long felt a need for interfraternity harmony and order in the rushing program.

Saturday evening, November 15, the pledge dance was held, and on Sunday, November 16, XI Chapter initiated the following: Paul Bailey, Marvin Baxla, Frederick Cantrell, John Carmody, Harold Dick, Samuel Eitnier, Francis Farley, Charles Flannagan, Robert Garrard, Robert

Harris, Henry Heimansohn, Rex Hodges, Harry Johnson, Ralph Laybold, Robert Linnimeier, Jerry Matthews, Paul Pirtle, J. Watt Shroyer, John Spaulding, William Vize and Jack Vorhies.

Dinner was served at the house, and members of the Supreme Chapter assisted with the ceremony.

*Philip Giltner*

## ● Psi Omega

Greetings to all Psi O's, grads and undergrads, from your active chapter at old I.U. in the heart of "Hoosierdom."

This school year is now well underway, and as usual the boys are beginning to hustle and burn that midnite gas burner getting that denture out for Mrs. Edentulous Alveolar, always with the thought in mind that, "her soul will be rejuvenated".

The chapter house is now running smoothly, after overcoming a rough start. Cal Christensen is Grand Master, R. Wendell Lee is Junior Grand Master, Joe Nolan is Secretary, and our boy Dan Strapon is holding down the ever thankless, headaching job of Treasurer. Many new faces are present around the house this year, and they are all gladly welcomed after the loss of many men in last year's graduating class.

We can't boast any new Frosh pledges as yet, since no rushing has been done by any of the frats through agreement. Speaking of rushing, it looks as though a plan entirely new will go into effect this year with success. It will be carried out by somewhat of an interfraternity council, if the plan can be fully agreed upon by all concerned.

We had our first party Saturday night, November 22nd, and it was a huge success and reminiscent of the ones last year. After seeing I.U. beat Purdue in football that afternoon, everybody came back in a gay party mood. Some of the more recent alumni seen at the party were Drs. Jack Calland, Bill Jefferis, Gordon Abbott, Jack Stenger, Ed Flynn, Larry Lang, and "Flat-top" Kelley (who by the way now has a marital status). Drs. J. Frank Hall, J. W. Adams, and Henry Swenson were also present.

Reports from our alumni chapter on the East coast show that brothers Bill (T. A.) Castle, Nazzaro, and Graffeo of last year's graduating class now all have their offices and booming practices. Brother Pete Ferrini is going to open after Xmas. Dr. Ed Flynn is living at the house and working here in town. Dr. Kelley is working in pedodontia at school. Reports from the West coast tell us that Dr. M. M. Shepard is organizing an office and a "drive-in" restaurant, specializing in fluorinated food. Dr. Larry Lang is practicing in Muncie, and Dr. Byrd Barr is working for the Kellogg Foundation in Michigan. Dr. Bob Denny is prac-



ticing in Rushville, and Dr. Martie Walton is with the Illinois State Board of Health. Dr. Jim Roache is at Forsyth in Boston.

In closing I might add that we at Omega Chapter would like to hear from all of you, so drop us a line. *Cal Christensen*

## ● Alpha Omega

The new officers of the Alpha Gamma Chapter were elected early this fall. They are: Pres., Frank Mandel, Cleveland, Ohio; William Winer, Vice Pres., Detroit, Michigan; Henry Leff, Sec., Indianapolis; and Jerome Schindel, Tres., Jamaica, New York.

As in the past we are having monthly dinner meetings in conjunction with our local alumni chapter. It was decided that instead of limiting our guest speakers to the dental profession as was formerly done, we could invite speakers from other fields as well. Our list of speakers will include Dr. Jacob Berman, associate professor of surgery; Dr. William Adams, professor of orthodontia; and Dr. Clarence Efroymson, professor in the political science department at Butler University.

Our first dinner was held at the Homestead, October 25. Dr. Berman spoke on the need for closer cooperation between medicine and dentistry, and also praised the great progress dentistry has made in the past twenty-five years.

November 25 was the occasion for another dinner meeting at the Homestead. Mr. Rosenthal and Mr. Kenter spoke about dentistry as practiced in China and Palestine respectively. These men had first hand experience as they practiced in these countries just prior to entering the United States. They are now studying for a D.D.S. at I.U.

A smoker will be held in Bloomington, December 7 at the Union Building for the freshman dental prospects. Regent Ben Davidson will come down from Chicago to help welcome the prospective pledges.

The new Veteran's Housing project, Winona Village, which is located in the Medical Center has provided most of our members with living quarters. At present one-half of a dormitory is occupied by the single members, while three of the married men are living in apartments with their families.

News from our recent graduates reveals that Irwin Burack and Lloyd Nevel are newly married, while Marvin Tuckman will follow suit next month.

Dr. Burack is now serving an Army internship at Walter Reed hospital in Washington, D.C. Lloyd Nevel has an internship at the Eastman Dental Clinic in Rochester, New York. David Laskin is at Jersey City Hospital and Jack Singer has started practice in Detroit.

*Frank Mandel*

## ● Junior A.D.A.

The Junior American Dental Association began its program this fall under the leadership of Thomas Boyd. The other officers are Thomas Boardman, Vice President; Charles Gish, Treasurer; and David Frye, Secretary.

Committees were appointed by President Boyd to include all phases of the program that we intend to cover this year.

Our program chairman, Bert Gilbert, has planned an interesting, well-rounded group of topics for presentation through the year, and we are all looking forward to a very profitable year. *Robert Avery*

## ● Control of Dental Caries

(Continued from page 6)

his patient that dental health is more important than good eating, a well-balanced diet with carbohydrates derived from natural sources may do much for the reduction of tooth decay.

The following is a daily diet recommended by Boyd of Iowa State University in 1942, that can be used effectively in the reduction of the incidence of caries:

<i>Food</i>	<i>Amount</i>
Milk	1 quart
Eggs	1 or 2
Vegetables	4 servings each
2 servings succulent, leafy, or root type	
2 servings fruit (one of which should be orange or other raw fruit. Tomato may be used.)	
Meat	1 serving (fish, fowl, or liver)
Cod-liver oil	1 teaspoon
Supplementary foods	

Potatoes, starches, whole wheat bread and other whole grain cereal. Fats in amounts sufficient to complete caloric requirements for full activity.

### *The Control of Diabetes and Dental Caries*

In connection with diet and dental caries it might be of interest to the reader to know that the dental school pedodontics department has established liason with the Riley Hospital children's diabetic clinic which meets every Thursday from 1 to 2 p.m. There are over 50 children associated with this clinic. Most of these children have been under supervision for several years. It is possible for the pedodontics department with the facilities of this clinic to study tooth decay in these youngsters and also to study the effect of well-balanced, low carbohydrate diets upon oral health.

### *Fluorine Used Internally*

It has been shown that fluoride in the drinking water at a level of 1 to 1.5 ppm is effective in reducing tooth decay. It has been suggested that this fluoride is absorbed by the body and



incorporated in the tooth enamel to make it more resistant to tooth decay. It has been shown that it would take a much higher concentration with 1.5 ppm of fluoride in the drinking water to bring about noticeable mottling so that this dose is safe from that standpoint. Fluorination of communal waters is being carried out in several cities to test its efficiency with respect to reducing our tooth decay problem. There is a good possibility that such a means of mass treatment of this widespread disease, dental caries, will be effective.

Since the fluorination of communal water supplies for the reduction of tooth decay has occurred up until now in only a few communities, it is possible for the dentist to fluorinate artificially each patient's drinking water. The dentist can prescribe for his patients adequate doses of fluorine for those who are under eight years of age so that their teeth may be made more resistant to tooth decay.

#### *How to Prescribe Fluorine for Internal Use*

It is estimated that a youngster drinks about 10-15% of its weight in water per day. It can be estimated from any standard, height, weight, age table how many milliliters of water per day a child will need. The quantity of NaF that youngsters would need per day to make up 1.5 ppm can then be determined. This amount of fluoride can then be given the young patient each day with his drinking water. A stock solution can be made so that one drop added to each ounce of water consumed during the day will make the equivalent of 1-1.5 ppm for the estimated daily intake. The prescription of such medicines is well within the province of the practice of dental medicine.

Of course, one should determine beforehand from the State Board of Health how much fluorine there is in each patient's drinking water. If the patient receives water from a municipal supply, the fluorine content has already been determined by the State Board of Health. This information can be had for the asking. Should patients be consuming water from their own well or other private sources, the State Board of Health will send upon request a sterile container in which water may be sent back to the laboratory for fluorine content analysis.

#### *Bone Meal As A Source of Fluorine*

The use of bone meal as a source of fluorine for pre-eruptive protection of the teeth is a safe procedure. However, it has been shown that bone meal is constipating and irregularly absorbed by the gastrointestinal tract. Bone meal, unless very finely divided would show considerable variation in its absorption because it would not dissolve completely in the intestines. Unless bone meal is finely divided, it may have an abrasive effect during evacuation. Sodium fluoride, if taken in solution, is quite uniformly absorbed and the dosage a lot easier to regulate. Bone meal, however, if properly prepared so that it does not interfere with elimination is the safest form of fluorine for caries therapy. Bone meal and fluoride tablets are of value, of course only in the youngster during the period of tooth development. After tooth development, topical application is the treatment of choice.

It is known that sodium fluoride, stannous fluoride and other compounds may be applied to tooth surfaces to reduce their solubility, make

them harder and more resistant to the action of dental caries, its acids and enzymes. One may add to this type of therapy suggestions for a well-balanced diet free from refined carbohydrates. It is doubtful whether patients will follow for long our advice about things to eat, so of all methods, unless the patient is ill with diabetes and must watch his or her diet or die, fluorine therapy is the most promising. The use of fluorides or other enamel solubility reducing compounds which harden the enamel is to date the best-known caries control therapy available. In addition to topical application of the fluorides, the element may be incorporated into the tooth tissue substance during development of these organs by proper therapy.

Most of dental practice is a matter of surgery particularly if we use surgery in its broader sense, that is, cutting of tissues, in our case, tooth tissues in operative dentistry. The dentist is also supposed to be a physiologist and have some understanding of biochemistry, the action of drugs and their safe prescription. Most any substance taken internally, if incorrectly administered, can constitute a poison. Fluorides, it is true, are used as poisons, but as drugs used in proper amounts, they are of therapeutic value. There is no reason why the understanding dentist should not use sodium or any other fluoride for its therapeutic value. There is adequate information to show that fluorides, if administered with understanding, are not toxic and there are many reliable indications that they will reduce some of the excessive tooth decay in our civilization if prescribed by our profession.

(By Dr. Grant Van Huysen)

## ● Alumni Notes

(Cont. from page 7)

'47, is opening an office in Paterson, and Grafeo, '47, after spending the summer at his dad's hotel is now looking for a location. It seems but yesterday that these young men were coming in the Main Office to get their mid-term grades and now they are doctors and no midterms (or anything) to worry about! We believe it is only fair to warn them and all others that it is in our thinking to cook up some sort of examination or questionnaire (those horrible things) to send around so that we may hear from them. So take warning and write us a note telling us the latest!

Mrs. Cleona Harvey, Recorder

## ● Homecoming Plans

Believe it or not plans are already being made for the next Alumni Homecoming on October 9, 1948. Reservations have been made for the Union Club, the Union Building, and programs have been discussed by President Dr. Donald Draper and other alumni. You will be making a mistake if you do not mark off October 8 and 9, 1948, on your calendar for the Annual Alumni Meeting in Bloomington.



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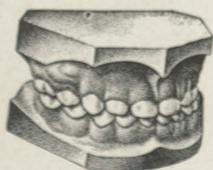


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