

Alumni Bulletin

INDIANA UNIVERSITY
SCHOOL OF DENTISTRY

JUNE, 1949

INDIANAPOLIS, INDIANA

Question:

WHICH TOOTHBRUSH
is recommended by more dentists
than any other toothbrush?

Question:

WHICH TOOTHPOWDER
is recommended by more dentists
than any other toothpowder?



Answer:

PY-CO-PAY

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Indiana University
School of Dentistry
ALUMNI BULLETIN

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R. W. PHILLIPS
RUHAMAH HANNAH

EDITOR
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A free and non-profit bulletin issued by Indiana University School of Dentistry, Indianapolis, Indiana, for the purpose of keeping its alumni informed of the activities and progress of the school.

The Pedodontia Department

by *Ralph E. McDonald, Instructor and Head of Pedodontia*



Dr. Ralph E. McDonald

In 1935 the United States Public Health Service designated Indiana University as a research center for the study of dental diseases of children. The federal government equipped a children's clinic with fifteen of the most modern dental units. This was the beginning of a children's clinic which has set the pattern for the establishment of children's dentistry departments in universities throughout the country. Indiana University was one of the first dental schools to include in the dental curriculum a course in pedodontics. At the present time it still holds the unique position of being one of the few dental schools to have a children's dentistry department separate and removed from the adult dentistry clinics.

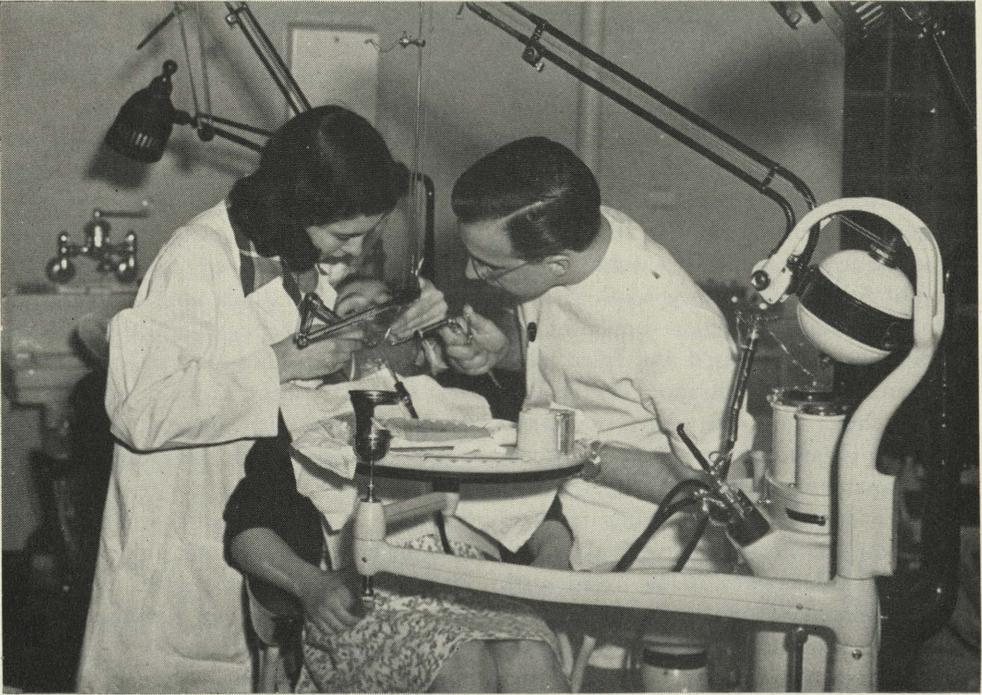
The primary objective during the past fifteen years has been to acquaint students with the problems associated with the maintenance of the oral health of children. This has been accomplished by the inclusion of one year of lecture

and one and one half years of practical clinical experience in the management of dental diseases of children. At the present time the year's lecture begins during the second half of the junior year, at a time when the student is first introduced to the children's clinic, and continues through the first semester of the senior year. The lecture material presented to the student includes the psychological application to the management of the juvenile patient, a review of the hereditary, deficiency, and developmental dental anomalies; the application and modification of restorative procedures to the primary and transitional dentition, the management of the pulp in the young tooth, problems associated with the early loss of teeth, traumatized and fractured teeth and a review of the caries control methods.

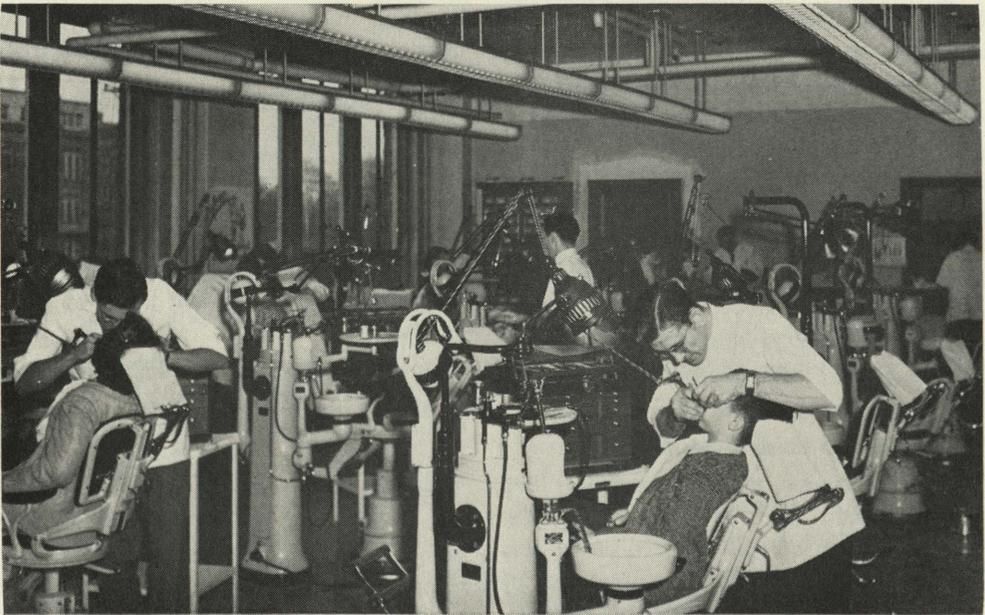
The admission of many dentists that they feel the need for additional training and experience in the management of children has made the staff members realize that insufficient time has been devoted to pedodontia in the school curriculum. During the past year much has been done to correct this situation by increasing the student assignments in the pedodontia clinic to forty-three half days. Out of a total of 4351 teaching hours in the dental curriculum, 130, or 2.99% of the total time, are devoted to the subject of pedodontia. This is slightly above the average time (2.47%) given to this subject in other schools. In addition, a clinic requirement has recently been established to insure the chances of each student becoming familiar with the important phases of the pedodontia practice.

Because of the constantly increasing demands on the dental profession by the general public to provide dental service

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Dr. Elizabeth Graves demonstrates to senior student on child patient.



Junior and senior students working in children's clinic.

More Comfortable Operative Procedure

Dr. Grant Van Huysen, Professor of Oral Histo-Pathology

The preparation of carious teeth for filling is too often considered by the dentist to be a rather simple performance of a few mechanical operations in a rather hurried manner without much thought for such details as tooth vitality. It may be true that certain simple shallow cavities may be prepared and filled without much thought but most cavities are not shallow or simple. The mechanics of cavity preparation consist of very exacting manipulations of a very precise nature and since tooth tissues such as dentin are vital, certain biological as well as mechanical laws must be considered.

It is necessary in operative dental procedures to treat the carious tooth by removal of very hard tissue, cutting beyond the decayed area into the sound structure so that the resulting cavity will retain a restoration. Although the future of the diseased tooth depends primarily on the successful retention of the filling, the satisfactory survival of the pulp tissue is also an important consideration. Cavities must be prepared quickly and with a minimum amount of discomfort to the patient. Fillings should remain in place, they should be durable, and their margins must remain intact. These are three important essentials; but while obtaining them, survival of the pulp and patient comfort, which includes speedy comfortable operating, are also important to the practitioner as well as to the patient.

The Hardness of Sound Dentin

It is, of course, necessary that a filling have a sound base. The terrific stresses of mastication will break or dislodge any filling that is not firmly supported by sound dentin. It is, therefore, essential that the repair of a carious tooth go beyond the diseased area and involve normal structures. The hardness of normal

dentin makes it necessary then that severe mechanical methods, that is, high speed burs operating under pressure, be used for its removal. It has been considered most expedient in the past to conduct this cutting with steel burs and in a dry field. There are, of course, several things wrong about such a conception in spite of the fact that it has been rationalized for many years. In the first place, the steel bur causes uncomfortable vibrations; second, the establishment of a dry operative field reduces the natural elasticity of the dentin and disturbs the protoplasm in the dentinal tubules and thus indirectly irritates the pulp; third, a bur running at high speeds and under pressure in a dry field produces heat which is often in excess of that which the pulp and patient can withstand. The placement of a filling, of course, demands a relatively dry surface but high speed cutting operations just like those in many other fields should be done in a fluid medium to dissipate heat and thus protect materials and tools.

Diamond Cutting Instruments

The operating dentist can reduce uncomfortable vibrations in cavity preparation by using diamond cutting instruments instead of steel burs whenever possible. Diamond instruments have been improved within recent years so that they are smaller and more durable. Of course, small steel burs are at times the only thing that can be used for cutting dentin in certain situations, but whenever possible the diamond points should be used. There is less vibration with the diamond instruments, and since they must be used with water, higher speeds may be developed without as much danger from heat.

Operative Tooth Injury

As has been pointed out above, it is

necessary in cutting sound dentin to apply a marked amount of pressure to high speed instruments in order to remove appreciable small amounts of dentin. The force must be applied to a small area by the rapidly revolving cutting instruments. Such procedures generate heat and it has been shown by numerous investigators that this heat can be and often is excessive.

Relatively high rises in temperature have been measured with precision instruments during the cutting of dentin. Patients have felt the heated tooth with their tongue and it is no exaggeration to say that smoke has actually been seen coming from a cutting operation on a tooth. Steel burs have been used so vigorously that on occasion they have actually turned blue from heat generated while cutting sound dentin too rapidly and with too much pressure. It is no wonder, of course, that patients develop pain in a tooth during and after the dental operation. There can be no doubt that pulps become painful and die as a result of an impatient operator using too high bur speeds and excessive pressure in trying to remove dentin rapidly in a dry field. Under such conditions one does not have to make an actual exposure of pulp tissue to destroy this organ. Where excessive heat is generated, pulp injury is certain. Pulp inflammation will be produced and though the damage may be repaired one can never be certain of the extent of an inflammatory process started within the hard walls of the pulp chamber.

Operating Under a Stream of Water

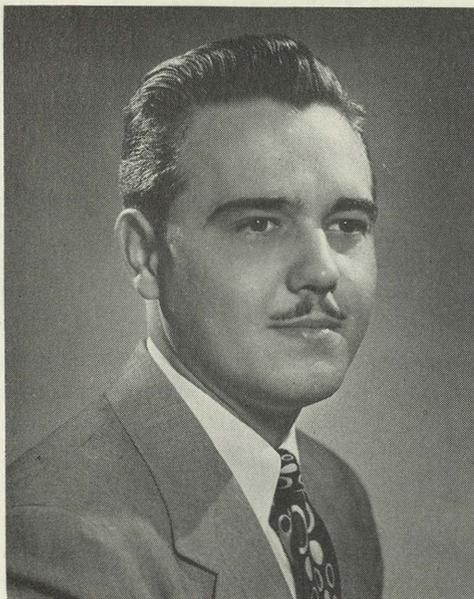
There has been a revival of interest lately in the use of a stream of water while cutting cavities. With respect to the reduction of heat generated while cutting cavities with high speed instruments, nothing can be more simple than the use of water for the dissipation of this potentially injurious agent. A stream of cold water at 65°F applied to the tooth before and all during the operative pro-

cedures is beneficial to the dentist and the comfort of the patient because of the following reasons: first, cold water applied gradually and carefully will reduce the pulp temperature so that an analgesic effect is provided while cutting with the bur, stone, or diamond point; second, a stream of water, whether cold or at body temperature, will dissipate the heat generated by the cutting instrument and thus make the operation more comfortable and less injurious to the pulp; third, flushing water into the mouth and removing it simultaneously with a siphon keeps the patient from wasting time moving from back rest to cuspidor to spit; fourth, operative debris is washed from the cavity and cutting instruments; and five, contaminating saliva is kept out of the cavity. Operating under water makes it possible to use higher instrument speeds and thus makes the operation much faster, more comfortable and with less tissue reaction from heat and dryness.

There are, of course, persons with very sensitive teeth upon which cold water could not be used even if applied very gradually to the tooth under operation. Warm water, however, can be substituted for the cold with as good an effect as far as heat dissipation is concerned.

The use of running water for cavity preparation in the teeth of youngsters is being demonstrated by the United States Public Health Service dental clinics at Woonsocket, Massachusetts, and Richmond, Indiana. Observation of the Richmond clinic in operation leads this author to the conclusion that from the standpoint of patient comfort, pulp safety, and celerity of service, the preparation of cavities under running water or water spray is a most important adjunct to dental health. The technique used is quite simple and does not need complicated equipment. The assistant stands at the left of the patient with a stream of running water from the water syringe attached to the dental unit. The running water is direct-

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Dr. Herbert F. Waldhier

The faculty, staff and friends of the Indiana University School of Dentistry have been deeply saddened by the untimely death of Dr. Herbert Francis Waldhier, instructor in crown and bridge. We who have known Herb for a long time find it hard to realize that he has gone. His cheerful smile, willing help, and many capabilities will be greatly missed.

Dr. Waldhier was born in Spencer County and was graduated at Tell City High School. He attended Purdue University and was graduated from Indiana University School of Dentistry in 1945. A resident of Indianapolis for five years, he had been an instructor at the dental school for three and a half years.

A veteran of World War II, Dr. Waldhier was a member of the American Dental Association, the Indiana State Dental Association, the Indianapolis Dental Society, St. Michael's Catholic Church, Xi Psi Phi fraternity and a member of Omicron Kappa Upsilon, honorary dental fraternity.

Dr. Waldhier is survived by his wife, Mrs. Mary Waldhier, and two daughters, Susan and Barbara.



James Allen

Tragedy and misfortune, both integral parts of life, have cast their shadow upon the sophomore class this last semester. Tragedy came in the form of the death of Jim Allen. Jim was killed in a traffic accident on February 4, 1949.

Jim studied pre-dental subjects at DePauw University and at Indiana University. While at Bloomington, he was an active member of the Phi Kappa Psi fraternity.

At the dental school, Jim was best known by his Delta Sigma Delta fraternity brothers as a conscientious student with high ideals. His desire for dentistry was derived honestly from his father, Dr. Orville Allen.

For some thoughts, ideas, and feelings there are no words adequate to phrase expression. This is an instance of that nature. Let it suffice to say that Jim was a person who had selected a goal in life and who was striving to reach that goal using the tools of honesty, perseverance, and integrity to the best of his ability. To the writer's knowledge no higher tribute can be paid to an individual.

James McClure

Faculty Appear On Programs

Members of the dental school faculty have appeared on a total of 104 programs before dental and lay societies during the past year. Their names and societies before which they have appeared are listed below.

J. William Adams

American Academy of Periodontology
Central Section of the American Association of Orthodontists, Lincoln, Nebraska

Angle Society, Chicago, Illinois
Indianapolis Study Club

L. Rush Bailey

Connersville, Indiana

Drexell A. Boyd

Greenfield Lions Club, Greenfield, Indiana

Eastern Illinois Dental Society, Mattoon, Illinois

North Central Dental Society, South Bend, Indiana

Indiana Alumni, Bloomington, Indiana
Alpha Omega Fraternity, Indianapolis, Indiana

Columbus Dental Society, Columbus, Ohio

G. Thaddeus Gregory

Midwinter Meeting, Chicago, Illinois
Kansas City, Missouri

Joplin, Missouri

Isaac Knapp Society, Fort Wayne, Indiana

Crawfordsville, Indiana

J. Frank Hall

Wabash Valley Dental Society, Logansport, Indiana

North Central Dental Society, Elkhart, Indiana

Harry J. Healey

Annual Meeting American Dental Association, Chicago, Illinois

South Bend Dental Society, South Bend, Indiana

Indiana University School of Dentistry Alumni Association, Bloomington, Indiana

Wabash Valley Dental Society, Logansport, Indiana

Midwinter Meeting, Indianapolis Dental Society

Maynard K. Hine

Rushville, Indiana

Logansport, Indiana

Indianapolis, Indiana

Lafayette, Indiana

Fort Wayne, Indiana

Muncie, Indiana

Elkhart, Indiana

Milwaukee, Wisconsin

Denver, Colorado

Cedar Rapids, Iowa

Kankakee, Illinois

Mt. Vernon, Illinois

Decatur, Illinois

Galesburg, Illinois

Bloomington, Illinois

Joliet, Illinois

Freeport, Illinois

Chicago, Illinois

Evanston, Illinois

Washington, D.C.

Pittsfield, Illinois

Frank C. Hughes

Midwinter Meeting, Chicago, Illinois
Toledo, Ohio

Isaac Knapp Society, Fort Wayne, Indiana

Pittsfield, Illinois

Indianapolis Midwinter Meeting

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Odd-dentities

by *Ruhamah Hannah*

Rita Downing, librarian, was on the program for the Medical Library Association meeting, April 11, at Galveston, Texas . . . Kenny Cleveland, '44, has been elected president of the North Central Dental Society, and Henry M. Swenson, periodontia, served as president of the North Side Society, Indianapolis . . . Twenty dental assistants took a seventeen week course at the dental school for special training leading to a certificate. Classes met two nights a week . . . Melvin Nevel, '46, recently out of the army, has opened an office in the Sherland Building, South Bend . . . Ransom and Randolph sponsored a three-session course in practice management, conducted by Miss Ferol Rudd, for the members of the senior class . . . The clinic now has new stands for student instrument cases. They are metal, ivory and have a place for the case, patient's hat and coat, and a writing surface. Much nicer than the tables used formerly . . . The x-ray department has moved into its new quarters—where the library was—right next door to oral diagnosis. Much more space and much nicer arrangement . . . We all were saddened by the death of Dr. Herbert F. Waldhier, crown and bridge, who had been ill for several months, and James Allen, sophomore, killed in an automobile accident . . . Billy Temple, '47, dropped in the other day to look over the remodelling. Among other things, he made some very complimentary remarks about the Bulletin—with very little prompting from me. I appreciate those spontaneous remarks . . . The next big project in renovating the building is the painting thereof. The clinic, surgery, children's clinic and oral diagnosis are to be green, the hallways gray, and the clinic offices and x-ray, camellia. Peach,

coral, and ivory are to be used elsewhere in the building . . . And now the elevator is in operation, and we're all taking advantage of the lift from the first floor. The patients seem to appreciate it too . . . Dr. Theodore Cable is taking a refresher course, preparatory to taking the New York board . . . Congratulations to Tom Boardman, senior, on his recent marriage . . . And congratulations to Bill Lawrence, '47, on his new daughter . . . There comes news of recent graduates and their new offices. Marty Walton, '47, now has an office at Knoxville, Iowa; Raleigh Phillips, '46, is practicing in the Davis Trust Building, Brazil, Indiana; and Leo Stults, '46, has an office at Bristol, Indiana . . . The Cancer Program brought back many who hadn't been around here for a long time—Dick Young, '42, Phil Goodman, '46, Dave Gephardt, '47, Lloyd Nevel, '47, Paul Harris, '43, and Walter Raibley, '43 . . . I think it should be mentioned that all the pictures in this issue and most of those used in previous issues were taken by the school photographer, Richard Scott These dots indicate a lapse of several weeks. In fact, because of printing difficulties, the lapse of time has been seven weeks, and in that time, the state meeting has come and gone and with it came many alumns. On a tour of inspection around the school were Bill Combs, '43, Muncie; Harlan Shupert, '43, Newcastle; Bob Brown, '44, Oakland City; Harold Exline, '44, New Albany; Yale Burke, '44, South Bend; Jack Calland, '45, Connersville; Jack Stenger, '45, South Bend; Fred Isaacs, '47, Terre Haute; Eugene Kipple, '46, Terre Haute; Marlin Inman, '46, Boonville; George James, '42, Indianapolis; and Harold Furst, '42, Bremen. Down at

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Alumni Notes

by Mrs. Cleona Harvey

A most sincere thank you—to all who so quickly and graciously responded to the letter sent out in December. We sent out some 2700 letters enclosing cards to be returned giving us your correct address and some news—to date we have had over 1000 cards returned to us and some 250 envelopes came back unclaimed. We believe that is a wonderful record. It would appear that about half of those to whom the letter was sent just took it for granted that we would know we had their correct address. We hope that is true as we are revising our address lists according to the information gained from the above-mentioned correspondence. It has been quite exciting to watch the mail for these cards as some came from “far away places” and some from folk who said they hadn’t heard from IUSD since graduating many many years ago. We truly believe they will not be able to say that again as this “Bulletin” is really going to find them from now on. If you are really enjoying the Bulletin, as hundreds of cards bore witness, *please, please* send us a notice of change of address so we can keep in touch with you. We had quite a few requests, from some of the older alumni especially, for lists of their classmates and their whereabouts. We are happy to report that within another month we hope to be able to supply those lists with the latest addresses we have been able to obtain.

Since it is not possible for you to look over our shoulder and read the many interesting cards we received, let us quote from just a few: Dr. Lawrence E. Wineinger, '99, says, “1899 from 1949—50 years—Boy oh boy—How God has blessed me. I am truly thankful. Wish all could feel as well and happy as I do today.

The first 50 has been great”; Dr. Russell W. Goebel, '44,, “As a point of interest—Jeanelle Franklin (ex-appointment clerk) is now my mother! Married my wife’s father”; Dr. Robert W. Wurtz, '42, “How about starting down the line about 10 years back and give the address of the different fellows in the graduating classes—most of us have lost track of them”; Dr. Frank L. Paterson, '05, “Why not have a *big* alumni meeting in 1950? Begin planning now”; Dr. M. Vergel de Dios, 516, of #431 Barcelona Street, Manila, Philippines, not only returned the card but sent us a most interesting letter concerning the awful effect of War II on the people of the Philippines. He would enjoy hearing from his classmates as well as any of the alumni who care to write him. He says, “Please don’t forget to send me news about college and the faculty from time to time; I am so anxious to know all”; Dr. W. J. Smith, '00, “Glad our Alma Mater is still going strong under able management”; Dr. Vernon J. Forney, '39, “It is a distinct pleasure to know that we as alumni are gone but not forgotten. Much success in the coming year”,—and so on and on. Sorry we don’t have space to print all the good wishes we received and the compliments that “ye editor” received. He is indeed “puffed up” about it all, but we are trying to keep his feet on the ground!

And now for some general news before we get to the Class of 1945 and their addresses. Dr. Glen Bollinger '46, and Mrs. Bollinger announce the birth of a son, Glenn Robert Jr., born December 27; Dr. S. M. Starcher, '42, and Mrs. Starcher also are announcing the birth of a son, Sammy Max II, born on February 6, 1949; Dr. Marvin A. Tuckman, (continued on page 19)

Library

by Rita Lee Downing

Have you ever used the INDEX OF DENTAL PERIODICAL LITERATURE?

This is the tool without which dental libraries (and librarians) would cease to function. It should be equally indispensable to dentists who read.

Each month the American Dental Association mails us cards which bring the indexing of about 150 journals up to date. These cards index articles both by author and by subject. That is, if you want to find "that article by Thompson on rest position of the mandible that came out about two years ago" you can find either under Thompson or under the subject *Mandible and Maxilla—Anatomy* that it appeared in the J.A.D.A. 33:151-180, Feb. 1946. Certainly this is a more direct process than thumbing through four or five journals where it might have been published. In general, the subjects used are rather broad. For example, articles on diastema appear under the headings *Orthodontic Diagnosis and Measurements* and *Orthodontic Treatment*.

Every three years these cards are cumulated into one volume. From 1939 to date the arrangement is the same; authors and subjects are arranged alphabetically. From 1839 to 1938 the plan was different with authors listed separately in the back and articles arranged according to a "classified system". Then the pink index pages serve as a guide to the page where your subject appears and to the proper section in the classification scheme. The library has a complete file of the index covering most of the periodical literature in English from the year 1839 to date.

There are three obvious uses of this index. (1) To find articles by a particular author. (2) To find articles on a particular subject. (3) To find one par-

ticular article. Do you need to use it for any one of the three?

The librarian will be glad to help you or to find and mail references to you if you cannot come to the library.

NEW BOOKS AVAILABLE FROM THE LIBRARY

- Anderson, W. A. Pathology. Mosby, 1948.
- Bjork, Arne. The face in profile; an anthropological x-ray investigation on Swedish children and conscripts. Lund, 1947.
- Dubos, R. J. Bacterial and mycotic infections of man. Phila., Lippincott, 1949.
- Grossman, L. I. Lippincott's handbook of dental practice. Phila., Lippincott, 1948.
- Grulee, C. G. The child in health and disease. Baltimore, Williams and Wilkins, 1948.
- Miller, Jerome J. Your teeth and how to keep them. N.Y., Lantern Press, 1947.
- Mills, G. P. and Humphreys, H. Textbook of surgery for dental students. 5th ed. London, Arnold & co., 1948.
- Morrison, G. A. In the dentist's office. Phila., Lippincott, 1948.
- Noyes, F. B., Schour, I., and Noyes, J. Oral histology and embryology. 6th ed. Phila., Lea & Febiger, 1948.
- Pinck, L. A. A biochemical hypothesis of the genesis of cancer. (N.Y. Academy of Science, Annals v.50, Art. 1) 1948.
- Roworth, R. H. Nutrition and dietetics in dental health. Phila., College Offset Press, 1947.
- Trapozzano, V. R. Comprehensive review of dentistry. Phila., Saunders, 1949.



The three contributing columnists look over their material for the next issue of the Bulletin. Left to right: Rita Downing, Ruhamah Hannah, Cleona Harvey.

Annual Alumni Homecoming to be Held October 7 and 8

Following the established custom, the Alumni Association of Indiana University School of Dentistry will hold its Annual Alumni Homecoming Day in Bloomington on October 7 and 8, 1949. President Donal Draper has appointed several committees who are busily engaged in arranging details of this meeting. President Draper announces that the meeting will follow the same general plan which was so successful last year.

Friday afternoon, October 7, faculty and alumni clinics will be presented. In

the evening there will be a dinner, followed by some campus entertainment probably in the form of a play. Saturday morning scientific papers will be presented with Doctor Albert Williams, oral surgeon from Louisville, Kentucky, as one of the headline speakers. Following an informal luncheon at noon, the Alumni will attend the Texas Christian vs. Indiana University football game.

Plans are being made for block reservations for Friday night at the Indiana Union Building and the Union Club on the campus as well as reservations in Bloomington hotels and McCormick's Creek. Alumni will receive detailed information regarding instructions for making reservations later.

Dentists Attend Cancer Symposium at Dental School

The dentists in Indiana were invited this year to participate in the Second Annual Postgraduate Course on Malignant Diseases which was held in Indiana University Schools of Medicine and Dentistry on April 6 and 7. This course was presented by the Indiana State Cancer Society with the help of I.U. Schools of Medicine and Dentistry.

Approximately 250 men attended the meeting and at the last count dentists were leading three to two. The program for Wednesday, April 6, 1949, included discussions of a general nature for both physicians and dentists. The subjects were as follows:

Benign and Malignant Giant Cell

Tumors - Dr. Henry W. Meyerding
Diagnosis of Oral Carcinoma

Dr. Reed O. Dingman

Precancerous Lesions of the Skin and Mucous Membrans

Dr. Hamilton Montgomery

For the afternoon sessions dentists came to Indiana University School of Dentistry for the following program:

1. Movie on "The Problem of Early Diagnosis". A sound movie prepared by the American Cancer Society.

2. Biopsy Techniques

Dr. Reed O. Dingman

3. Recognizing Oral Cancer in Its Insipient Stage - Dr. J. F. Hall

4. Presentation of cases

Oral Surgery Staff

5. Round Table discussion

Dr. Dingman

Because of the great interest shown by the dental profession it is probable that the program will be repeated next year.

General Faculty Meeting Held

A general faculty meeting was held March 2 in the Riley Hospital dining room with Dr. Shailer Peterson as guest speaker.

After an excellent dinner served by the dietary staff, Dean Hine called the meeting to order and made a brief report. He stated that the remodeling program was almost completed and while there have been some interruptions and inconveniences, the faculty and students have cooperated very well.

Dean Hine called attention to the great number of applicants for the 1949 class in dentistry and made the general comment that the number of students applying for admission is almost as great as it was a year ago.

Various committee reports were then made with Drs. Drexell A. Boyd, Harry J. Healey, and Max Sherman reporting on the Chicago Midwinter meeting and Dr. Ralph E. McDonald on the Cleve-

land Child Health Day. The announcement of the postgraduate cancer symposium was made by Dr. J. Frank Hall and of the Dental Caries Symposium by Dr. J. B. Carr.

Dr. Drexell A. Boyd was elected unanimously as Delegate to the annual June meeting of the American Association of Dental Schools. This meeting is to be held from June 27 through the 29th in Chicago, Illinois. Indications are that a large number of the faculty will attend both this meeting and the annual meeting of the International Association for Dental Research which is to be held the preceding two days. Several members of the faculty are to appear on these programs.

Dean Hine then introduced Dr. Shailer Peterson, Executive Secretary of Dental Education. He talked informally on the activities of his Council. Dr. Peterson's talk was very informative and elicited many questions from the audience.

Class and Fraternity Notes

JUNIOR CLASS

With approaching spring the fancy of the junior class turns to more and more operative and prosthetic points. As one walks down 'point row' he realizes that spring is 'busting' out all over.

Also, as one walks down 'point row' he notices that he has to dodge fewer and fewer uncontrolled masses of plaster, fewer bricks, and fewer construction men in general. One can surmise that the complete alteration of our fine old dental school is now resulting into one of the finest dental schools in the country. Truly, alumni, you would not know your Alma Mater now.

We are very glad to hear that one of our old classmates, David Frye, will return next fall to continue his dental education. Dave is recuperating nicely at Veterans' Administration Hospital on Cold Spring Road. Everyone has missed Dave and we are sure he has missed us. So, everyone, let's get out and see Dave.

During the last few months many prospective dentist and dental hygienist have made their way into the already large family of the class of '50. Quite a few 'baby cigars' have been enjoyed over a cup of coffee at the College Inn between class or between appointments. Yes, Alumni, the College Inn is still just across the yard.

Seventeen of those daring individuals that volunteered for the R.O.T.C. training are getting their duffle bags ready for their six weeks' training at Brooks' General Hospital, San Antonio, Texas. Wonder how hot it will get in San Anton in August this year? The R.O.T.C. program for I.U. is under the able leadership of Major Sexson, Indiana, '41.

Comes April and comes the annual outing of the junior class. Every year to this date, we have dropped our instruments and taken to one of the many parks in Indiana and had a down right get-together. We shall do likewise this spring.

The latest news flashes passing from lab bench to lab bench in the junior laboratory has it that there will be about twenty juniors returning for the summer clinic. Each of us wishes to obtain as much as possible of the superior instruction the competent faculty offers. Each of us realizes that the time is growing short when we will have an instructor at hand to get us out of trouble.

With this report we are bringing to a close another successful year. For further news of this class, watch for the fall report of 1949.

Jim Roll

SENIOR CLASS

With only about two more months before graduation word has gotten out that "*The Rat Race is On.*" Those gold foils and perio cases are getting harder to find every day. Then we just can't forget that ever-lasting House Case. But this is a senior class that will never say die and we will plug (gold foils, that is) right up to the end—June 13.

The Junior A.D.A. gave its annual dance at the Spink Arms Hotel, February 26. We don't know whether the Junior A.D.A. meant for this to be for the seniors but we were there in great numbers and had a wonderful time.

Two more members of the class have taken leave of their senses. Dan Strapon became engaged during the Christmas vacation and Thomas Boardman walked down that ill fated isle of matrimony. Congratulations.

The annual senior class party was held March 12 at the Delta Sig House. This party was without a doubt the grandest one that we have ever had in our four years in dental school. The menu was the same with a few added attractions and the usual games were enjoyed by all. The party started early and lasted well into the night and every one had a big time.

Some of the fellows in the class are now members of the armed services. Adams and Henderson are in the Army and Boardman, Turnley, and Reed are in the Navy.

We are looking forward to the annual senior banquet. We intend making this one of the high lights of this year's activities.

We have been attending a series of talks by Miss Rudd sponsored by the Ransom and Randolph Company on practice management. These talks have been very instructive and helpful. The refreshments were also good.

In a few months the class of 1949 will leave Indiana University. We can look back and say that these have been four short glorious years. At times it seemed that the instructors were just trying to see how difficult they could make it for us, but now we realize

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that they were only trying to teach us something. In years to come we will better understand what they were trying to teach us. We, the senior class, would like to express a deep and sincere thanks to the members of the faculty and staff of Indiana University for everything that you have done for us.

Lehman Adams II

PSI OMEGA

Psi Omega wishes to take this opportunity to extend a friendly welcome to all of our alumni who will attend the May meeting of the State Dental Society. Our new house is only two blocks west of the dental school (432 steps, to be exact) so please come over to see us. We are holding openhouse for all of you.

We are very happy to announce that Doctors Paul J. Aufderheide, Supreme Grand Master, and Frank F. Lamons, a member of the Supreme Council, will pay a visit to our chapter during the May meeting.

As we near the end of the school year, most of us are looking forward to a summer vacation, but not so with Danny Strapon and Wendell Lee. They are graduating, and so far, they are not sure of what lies ahead. We know, however, that both Danny and Wendell will be successful, whatever they decide upon.

Kent C. Moseley

XI PSI PHI

Hi Alumns! Well, here it is near the end of another school year and things are really poppin' at the moment.

First of all, we are planning a big senior farewell banquet and dance for sometime in May. This will be Theta's send-off to nine swell guys—John Bach, Don Biggs, Wally Dean, Ted Hodupski, Sam Laudeman, Joe Lush, Sam McIntosh, Jim Moser, and Leo Paskash. From then on, I guess we'll have to address them as Doctor and use their formal names.

Our next big item is rush. The Interfraternity Council has limited pledging for each fraternity to 25% of the freshman class. We had an informal party in Bloomington in March and we are going down again on Sunday, May 8, to pledge the boys. The crop this year looks good and we think all the fraternities will come out well at the harvest.

We of Theta Chapter wish at this time again to thank all of you loyal Zips who are helping to find our new house. We especially want to express our thanks to Dr.

Paul Oldham and Dr. Russell Whitmore for the splendid work they are doing. You won't find many who will devote the time and patience that these two men have for their fraternity.

These seem to be most of the highlights of the doings of the Zips at good ol' Theta. We'll be looking forward to seeing you at the May meeting of the Indiana State Dental Society. So until then—so long.

Jack Denison

ALPHA OMEGA

With the advent of a new semester, Alpha Gamma chapter is making plans to bring another successful year to a fitting climax. In addition to our monthly dinner meetings, plans are now under way for our annual Senior Farewell Dinner Dance. This year we are holding it at the Spink-Arms Hotel on the night of May 14. We hope to have our usual big turnout. Any alumni who will be in Indianapolis that weekend should contact us for reservations.

Our last dinner meeting was held at the "Frog Pond," way out on the Michigan Road. Our honored guest and speaker was Dr. Drexell Boyd, head of the Operative Dentistry department at the dental school. After a hearty meal of as much fried chicken as we could eat, Dr. Boyd spoke to us about some interesting points in dental history, and finished his talk on procedures just being introduced into his own specialty.

In order to reacquaint ourselves with some of our brothers lost to the bonds of matrimony, the chapter is planning to have a stag party probably in the wilds of Noblesville. To be truthful, the idea was suggested by some of the married boys, and we're beginning to wonder if they miss the ways and wiles of single folk.

Some personal notes—Congratulations to Dr. Marvin Tuckman, '47. His wife gave birth to a bouncing baby boy—A future fraternity brother, I'm sure. Howard Stein, '50, has traveled to California and to Florida respectfully on his last two vacations—looking for a future office site, I presume. Iz Zarin intends to visit Denver, Colorado, this summer for the same purpose. Right now I am looking for gold-foil patients, so I must close.

Arthur J. Wolin

DELTA SIGMA DELTA

As the month of April rolls around, one might think that it looks like spring around the old Delta Sig house. The front room is
(continued on page 17)

seeing almost daily service as a putting green. The halls and many of the rooms are having a new coat of paint and a few of the boys are going so far as to give their rooms a spring house cleaning. Why only yesterday several enterprising men were seen to be diligently raking the yard and trimming the shrubbery. The old bus seems to have spring fever and almost refuses to run. Oh yes, spring is indeed here.

As April comes around the Delta Sigs are looking forward to the traditional Delta Sig week-end, and to meeting the new freshmen. A conducted tour of the dental school will be held for the interested parties on Saturday morning. The "fixer uppers" will soon be hard at work for the pledge dance which will be held at the house on Saturday night.

We were all shocked to hear about the death of Jim Allen, who was killed in an automobile accident between semesters. We will all miss seeing Jim and his friendly smile around the house.

We are still thanking the lab committee and the Indianapolis Delta Sig Club for their splendid work on the lab. They have done about everything to the lab including moving a wall. It's really a swell lab and we are all very proud of it.

The time for the senior stag and the loss of another graduating class will soon be at hand—papers to write, boards on deck. So keep quiet underclassmen, the seniors have to study!

J. Shroyer

PEDODONTIA

(continued from page 4)

for their children, the staff has been stimulated to make available to the students the knowledge and clinical experience to meet this challenge. Even with the increased emphasis and demands placed upon the dental profession to provide services for children it is unlikely that the number of those future graduates specializing in pedodontia will be adequate to meet the dental needs of children. In view of this situation the curriculum has been designed to include many of those procedures usually placed at the graduate level in dental training. The student is trained not only to provide routine dental care for children, but to manage the unusual and challenging problems with which he will be faced.

As it has been pointed out, the primary objective of the pedodontia department is to prepare the undergraduate student to be capable of providing adequate dental care for the children in his future practice. In addition, with the guidance and approval of the University Graduate School a graduate course in pedodontia has been established. This course includes advance pedodontic training with the inclusion of advanced work and research in the basic science fields. It is designed for those graduates who wish to prepare themselves to enter the teaching field or who intend to carry on a practice limited to dentistry for children.

In the future, as in the past, graduates who have been practicing for several years wish to return to the university for additional instruction. They are desirous of acquainting themselves with the recent advances in the field of pedodontia. To met this demand refresher and short post graduate courses will in the near future be made available to these dentists. In the extensive remodeling plans additional room and facilities have been made available to the pedodontia department which will help immeasurably in conducting an effective teaching program.

OPERATIVE

(continue from page 7)

ed upon the operative sight and picked up from the mouth with a siphon also attached to the unit.

When cold water is used to provide analgesia as well as an operative sight lavage, it should be applied to the tooth carefully before the operation starts and kept flowing over the tooth until cutting is ended. It is sudden changes in temperature which bring about pain in a tooth, so if the tooth is chilled below body temperature to help deaden its sensitivity to drilling, its temperature should be kept down all during the operation to give the most comfort.

For the dentist who has no assistant

(continued on page 18)

there are several appliances on the market which can be used to furnish either a stream of water or a spray to the operative sight. These appliances are designed so that they may be fastened to the hand piece and thus direct the water to the cutting tool. Some of the appliances have automatic controls so that water temperature may be carefully adjusted to any desirable temperature.

There is no doubt that the modern enterprising practitioner may do a lot in this day and age for the comfort of his patient and the dignity of his profession. By putting himself in the patient's place, that is, on the receiving end of his dental ministrations, it is certain that the dentist can realize the benefits of comfortable operations. The comfort of the patient, the safety of the vital young pulp not only make good sense biologically speaking, but also from the standpoint of more satisfied patients.

FACULTY

(continued from page 9)

Bernard A. Martin

Washington, D.C.

Connersville, Indiana

Midwinter Meeting, Chicago, Illinois

Indianapolis, Indiana

Ralph E. McDonald

Midwinter Meeting, Indianapolis

Franklin, Indiana

Crawfordsville, Indiana

Southport, Indiana

Wabash Valley Society, Logansport, Indiana

South Central Dental Society, Bloomington, Indiana

Lafayette, Indiana

North Central Dental Society, Elkhart, Indiana

Isaac Knapp Society, Fort Wayne, Indiana

Ralph W. Phillips

A.D.A. Meeting in Chicago

First District, Evansville, Indiana

Muncie Dental Society

Indiana Section of American Chemical Society

Sigma Xi, Bloomington, Indiana

North Central Society, South Bend, Indiana

Miami, Florida, Dental Society

Midwinter Meeting of Chicago Dental Society

Isaac Knapp Society, Fort Wayne, Indiana

Indianapolis Dental Society Midwinter Meeting

Marion Dental Society

Dayton, Ohio, Dental Society

Akron, Ohio, Dental Society

Cleveland, Ohio, Dental Society

Kentucky State Meeting, Louisville, Kentucky

South Central Society, Bloomington, Indiana

Howard County Society, Kokomo, Indiana

Indiana Alumni, Bloomington, Indiana

J. Conley Robinson

East Central Society, Anderson, Indiana

Lewis B. Spear

Mattoon, Illinois

Wabash Valley Society, Logansport, Indiana

Henry M. Swenson

A.D.A. Meeting, Chicago, Illinois

Alpha Omega Fraternity

Indianapolis Dental Society

North Central Society, Elkhart, Indiana

Indianapolis Dental Assistants

Methodist Hospital School of Nursing

Grant Van Huysen

Parent Teachers Association, Cambridge City, Indiana

Indianapolis Dental Society

Domestic Science Class, Butler University, Indianapolis

Indianapolis Federation of Womens Clubs

Radio Station WISH

ALUMNI

(continued from page 11)

'47, and Mrs. Tuckman send news of a new son at their house, Drew Evan, born March 15, 1949.

Dr. Bert Gilbert, '48, has just recovered from an appendectomy and took time off from work for that and to come down with his wife and try out our new elevator. (We are glad to have witnesses that we do have an elevator and it does work most of the time!) Dr. George White, '48, writes, 'I am quite busy here and am enjoying my work, as well as attending theatre, operas and concerts. I go to N.Y. quite frequently and find it as stimulating and refreshing as ever'; and news from Dr. Joseph Charles Muhler is that he and Majetta Jean Stewart were married February 2, 1949, and are at home in Bloomington, Indiana, at 1603 East Third Street.

Dr. Harry V. Talbert, '14, who is now Chief of Dental Service to the Veterans Administration at Mountains Home, Tennessee, writes for a copy of the definition of dental caries as given by Dr. George Edwin Hunt. We (the librarian and all others) have searched diligently and have not been able to find the definition. Dr. Talbert suggests we ask the Bulletin readers to check their notebooks to see if they do have that definition from Dr. Hunt. If you do, please send it to Dr. Talbert and also to us.

Dr. M. Weiner, Dec. '44, made a flying trip back to visit us and upon his return to New Jersey he sent us a poem he had written. It is called "A Dentist's Dilemma"—and is proof positive that dentists can be visited by the "muses".

Names and addresses from our Guest Book since last writing are: Morris Weiner, Dec., '44, Rahway, N.J.; Walter H. Vendes, '39, Bicknell, Indiana; Walter O. Crum, '27, Richmond, Indiana; C. E. Worth, '97, 708 Bankers Trust Bldg., Indianapolis, Indiana; J. O. Hasler, '27, Liberty, Indiana; A. E. Herrold, '27, LaPorte, Indiana; Paul R. Oldham, '27,

Indianapolis, Indiana; H. B. Morrow, '21, 5462 E. Washington, Indianapolis, Indiana; J. R. McKay, '47, 710 Underwriters Bldg., Indianapolis, Indiana; Russell W. Goebel, '44, Ft. Wayne, Indiana; Manson S. Shanks, '34, Noblesville, Indiana; Walter N. Kiesling, '22, Logansport, Ind.; C. A. Rhodes, '46, Franklin, Indiana; Herbert Thompson, '19, Richmond, Indiana; A. C. Ross, '06, Milroy, Indiana; J. W. Hammer, '19, Middletown, Indiana; C. W. Jenkins, '24, Frankfort, Indiana; Frank O. Goode, '35, 3311 N. Meridian, Indianapolis, Indiana; W. L. Hammersley, '36, 53 E. Walnut St., Frankfort, Indiana; J. C. Smith, '28, 629 Wabash Avenue, Terre Haute, Indiana; A. W. Hammelman, '27, Cale Street, Poseyville, Indiana; D. R. Faun, '27, 2212 E. Washington Street, Indianapolis, Indiana; Forrest K. Paul, '24, 2202½ Shelby Street, Indianapolis, Indiana; H. C. Lumppp, '22, Mattoon, Illinois; Frederick C. Baker, '26, 508 Calumet Bldg., Hammond, Indiana; Wm. R. Bolen, '25, 642 Bankers Trust Bldg., Indianapolis, Indiana; Maurice D. Thompson, '19, 1561 College Ave., Indianapolis, Indiana; R. H. Howard, '40, 811 Broadripple Avenue, Indianapolis, Indiana; E. E. Ewbank, '01, Kingman, Indiana; Delmar W. Curry, '28, 660 E. 42nd Street, Indianapolis, Indiana; Hollace E. Mayfield, '23, Greenstown, Indiana; E. H. McShay, '28, 1107 N. Linwood, Indianapolis, Indiana; H. D. Kornblum, '28, 510 E. Minnesota, Indianapolis, Indiana; J. L. Heidenreich, '36, Bicknell, Indiana; Gilbert D. Quinn, '33, 809 Hume Mansur Bldg., Indianapolis, Indiana; M. E. Rosenstein, '41, 404 Bankers Trust Bldg., Indianapolis, Indiana; W. A. Robinson, '40, Brazil, Indiana; Paul E. Carson, '24, Mooresville, Indiana; Robert L. Moss, '47, Bloomington, Indiana; John W. Pentecost, '47, Tipton, Indiana; S. E. Robertson, Jr., '45, 134 E. 30th St., Indianapolis, Indiana; John H. Oldham, '28, Sullivan, Indiana; Fred Morrison, '19, Kokomo, In-

(continued on page 20)

diana; John C. Hunt, '37, Anderson, Indiana; R. L. Carnes, '13, Richmond, Indiana; J. H. Schindel, '48, Albany, Indiana; G. F. McKean, '26, Montpelier, Indiana; W. Dale Lentz, '24, 801 Underwriters Bldg., Indianapolis, Indiana; A. W. Spivey, '36, 2616 North Pennsylvania St., Indianapolis, Indiana; Walter J. Raibley, '43, 527 Sycamore St., Evansville, Indiana; Warder H. Castle, 408 Bankers Trust Bldg., Indianapolis, Indiana.

Continuing our listing of addresses by classes, the following is for the 1945 class. The next issue will have the address of the 1944 class.

Gordon F. Abbott
1313 E. 38th Street
Indianapolis, Indiana

Robert Anderson
315 W. 2nd Street
Seymour, Indiana

Elwood Brickler
21-16th Street
Newport, Kentucky

John J. Calland
210 W. 7th St.
Connersville, Indiana

Leo M. Cohn
742 Broadway
Gary, Indiana
Been in private practice 1½ years since discharge from USNR. Things are OK! Was married to an IU Alumnus last March. Regards to everyone in IU Dental School.

Kent C. Dawson
1001 N. State Street
Grenfield, Indiana

Hugh S. Deale
MMCC Katakò Kombe
Province of Lusambo
Congo Belge, Africa
Dr. Deale and his wife, Marjorie Ambrose Deale, graduate of I.U. School of Nursing, are medical missionaries of the Methodist Church.

William Glazer
42 West Avenue
South Norwalk, Connecticut

Milton Goodman
4132 Schaffer Rd.
Dearborn, Michigan

Charles R. Herrick
221 Center St.
Hobart, Indiana
I would sure like an up-to-date class of '45 addresses. No hurry.

John W. Hohe
18 W. Market Street
Huntingburg, Indiana
No news, they say, is good news!

Roger W. Huff
2119 Miami Street
South Bend, Indiana

Loren W. Jefferis
6202 College Avenue
Indianapolis, Indiana

Richard E. Jennings
5324 W. 16th St.
Indianapolis, Indiana
Expecting family addition in February (a girl!)—It was a boy.

Robert E. Kemp
1495 7th Avenue
San Francisco 22, California
Finished PG course in September, probably practice in Northern California.

Maurice Kivett
235½ Blackman St.
Clinton, Indiana

Frank R. Longcamp
2nd & Main Streets
Aurora, Indiana

Charles H. Lowry
415 North Street
Logansport, Indiana

J. Weir Mitchell
112½ E. 8th Street
Rochester, Indiana
Located here since June 1, 1946—

(continued on page 21)

*General Practice—Outside interests,
Boy Scout work, Kiwanis activities.*

Arthur J. Mullin
5454½ E. Washington St.
Indianapolis, Indiana

Harry L. Murphy
298 N. Water St.
Franklin, Indiana

Irving Newmark
103 E. 125th Street
New York 32, N.Y.
Expecting sometime in March.

John Richards
34½ Public Square
Shelbyville, Indiana

James A. Ricketts
508 W. Taylor
Kokomo, Indiana
*Dr. Robert Ricketts is at Illinois
University at Chicago. Specializing
in Orthodontia.*

Robert M. Ricketts
808 S. Wood
Chicago 12, Illinois
*Doing a couple years research on the
T. M. Joint. Junior member of staff
in Orthodontia Graduate Department.*

Sidney E. Robertson
134 E. 30th St.
Indianapolis, Indiana

Harold Rosenman
171 E. 106 Street
New York 29, N.Y.

Arnold M. Russo
6325 Guilford Avenue
Indianapolis, Indiana

Stanley Schwartz
1200 Church Avenue
Brooklyn 18, N.Y.
*Was married June 27, 1948, to former
Eleanor Galison of New York
City.*

Hubert A. Seller
411 Gary National Bank Bldg.
Gary, Indiana

Samuel Standish
317 W. Washington
Muncie, Indiana

John M. Stenger
807½ Lincolnway West
South Bend 16, Indiana
*Have been practicing in South Bend
for a year and like the cold north
country very much.*

Charles Vincent
447 E. Maple Rd.
Indianapolis, Indiana

Herbert Waldhier
(Deceased January 28, 1949).

Ross W. Warren
203 N. High Street
Rockville, Indiana

William Witt
405 I.O.O.F. Bldg.
Indianapolis, Indiana

Paul B. Yingling
1030 N. Hill Street
Oceanside, California

Gregory and Pell Honored

Doctors G. Thaddeus Gregory and Glenn Pell have been honored by having their movie selected by the Eastman Dental Clinic, Rochester, New York, as the first film to go into their film library. This movie, "Classification of Impacted Mandibular Third Molars and a Tooth Division Technique for the Removal of Impacted Teeth" has previously been reprinted in foreign languages, twenty-three copies having been made in Spanish and three in Portuguese. The United States Government has the contract for releasing this film to foreign countries.

This movie has been shown before many dental societies in the United States in addition to foreign countries. Drs. Gregory and Pell are to be congratulated upon this distinct honor.

Many Interesting Reports Given At Dental Seminar

Utilizing the free period, 1:00-2:00 p.m. on Monday afternoon, the Dental Seminar Committee for this year arranged a series of "extracurricular" discussions that have proved of interest and value to the students and faculty. The following is a list of the subjects presented:

Army Internships and the Army Internship Program

Major Julius Sexson

The Indiana State Board of Dental Examinations - - Dr. Carl Frech

Lesions of the Tongue

Dr. Russell Sage

Roentgenology - Dr. J. A. Campbell

Psychiatry - - Dr. A. T. Ross

The Meeting of the Indianapolis Section of the International Association for Dental Research-Movie, "Blood Sludge."

How to Combat Fatigue

Dr. C. W. Johnson

Occupational Disease Control

Dr. L. W. Spolyar

Oral Surgery - Dr. J. A. Milhon

Orthopedics - Dr. Donald J. Caseley

Denture Construction

Dr. Henry Glupker

Oral Lesions - Dr. F. M. Gastineau

Public Health Dentistry

Dr. Wm. P. Kroschel

Several meetings of the student American Dental Association have also been held at the seminar period.

Freshmen Organize Student A.D.A.

Since freshmen are now eligible to join the student American Dental Association, seventy-five freshmen at Indiana University School of Dentistry joined this year. They have organized and the following officers were elected:

George R. Helmich, President

Calvin B. Clarke, Vice-President

William H. Lindley, Treasurer
Edgar M. Benjamin, Secretary

A series of meetings had been organized for them in Bloomington with Dean Hine and Doctors Bailey, Healey, Howard and others speaking.

ODD-DENTITIES

(continued from page 10)

the meeting, I saw George Simpson, '44, Franklin; Bill Coon, '44, Plymouth; John Hohe, '45, Huntington, and caught a glimpse on the street of Victor DeFrank, '44, Newcastle, and Joe Hutton, '44, Muncie . . . Ray Anderson, '44, formerly on the staff here and now practicing in Florida, was back for a visit recently . . . Miss G. Archanna Morrison presented a series of six lectures on practice management for the seniors, faculty, and assisting staff. She was on the program at the state meeting . . . And that's all for this time.

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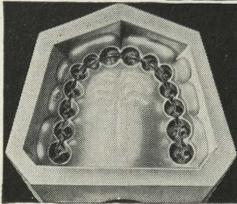
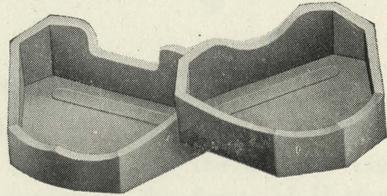
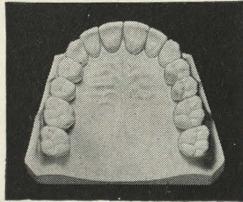
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