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Alumni Bulletin

INDIANA UNIVERSITY SCHOOL OF DENTISTRY

SEPTEMBER, 1948
INDIANAPOLIS, INDIANA

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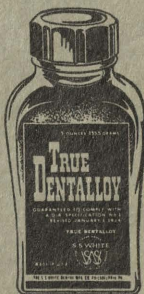
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Indiana University School of Dentistry ALUMNI BULLETIN

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R. W. PHILLIPS
RUHAMAH HANNAH

EDITOR
ASSISTANT EDITOR

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.

October 8-9, 1948

INDIANA UNIVERSITY SCHOOL OF DENTISTRY

Annual Alumni Meeting

BLOOMINGTON, INDIANA

Program—

Friday, October 8—

- 1:00 p.m.—Registration—Indiana Union Building
- 2-5 p.m.—Parlors A,B,C—Union Building—Table Clinics by Alumni and faculty of IUSD.
- 6:30 p.m.—Banquet—Guest of honor, Dr. J. L. Wilson
- 8:30 p.m.—Entertainment by University talent in the Little Theater of the University Auditorium

Saturday, October 9—Parlors A,B,C,D

- 8:00 a.m.—Annual Business Meeting—Election of officers
- 9:00 a.m.—“Occlusion and Its Relationship to Dentistry”—Dr. Ernest Granger, New York
- 10:30 a.m.—Greetings from Dr. Harold Hillenbrand, Secretary, A.D.A.
- 11:00 a.m.—Greetings from Dr. Clyde Minge, President, A.D.A.
- 11:30 a.m.—Alumni Hall—Luncheon—Guest of honor, President Wells
- 2:00 p.m.—Football game—Texas Christian-Indiana University

President Don Draper and his various committees have arranged a program which should prove to be both entertaining and instructive. You cannot afford to miss this two-day meeting on the Indiana Campus. Blocks of reservations for rooms have been made at the Indiana Union Club, Graham Hotel, Turner Hotel, and McCormick's Creek Hotel. Last year dozens of persons were turned away because they did not send in their reservations early.

Note to the ladies: A special program for the ladies, stressing educational as well as entertaining features, has been arranged for Friday afternoon and Saturday morning. Bring your dentist to Bloomington on October 8-9!

Reservations for room, football game, banquet and luncheon should be sent to Mr. Claude Rich, Alumni Office, Indiana University, Bloomington, Indiana or to Dr. Harry Healey, 1121 West Michigan, Indianapolis 2, Ind.

—Plan now to attend!

Indiana's Dental Health Program

Roy D. Smiley, D.D.S. Director Division of Dental Health

In 1936, the Indiana State Board of Health started its first State-wide dental health program, part of which consisted of local demonstrations using a mobile dental unit in selected rural districts. These demonstrations were the first of their kind in the United States and attracted widespread attention. Many states now have a far more extensive program.

After this beginning, the Division of Maternal and Child Health of the Indiana State Board of Health, cooperating with the Indiana State Dental Association, proceeded slowly to extend its dental health program under the direction of Mary K. Westfall, D.D.S., Dental Health Educator. Numerous communities were visited, lectures on dental health were given in the schools together with demonstration treatment and remedial services, and many valuable data were recorded.

Early in the program, the State Board of Health recognized the need for postgraduate training for dentists, in the rural areas especially, with regard to services for children. Co-operating with the Indiana University School of Dentistry, postgraduate courses in children's dentistry were made available and 60 dentists attended these courses.

Entrance of the Division's personnel into the Armed Services caused a curtailment of dental health services and the mobile unit ceased to function. However, after this period of inactivity, a great impetus was given the program when the Indiana General Assembly, in 1945, enacted a bill which officially created a new Division of Dental Health as a part of the State Board of Health.

Dr. L. M. Childers became the first director of the new Division, July 1, 1945, and very successfully promoted a Dental Health Week and, co-operating with the

Indiana State Dental Association, sponsored a week of lectures on children's dentistry. Both projects were well received and supported by the public, but with the resignation of Dr. Childers in 1946 the activities of the Division again were retarded until a new director was appointed.

Early in 1946, the Richmond, Indiana, School Pilot Program was suggested by the United States Public Health Service, and the plan for the project was prepared by the State Board of Health, school and city authorities and dentists of Richmond, and the Council on Dental Health of the Indiana State Dental Association. This program gave the Division of Dental Health an opportunity to be among the first to institute a research study on the control of dental caries.

The Richmond Dental Health Program is a fact-finding study to determine:

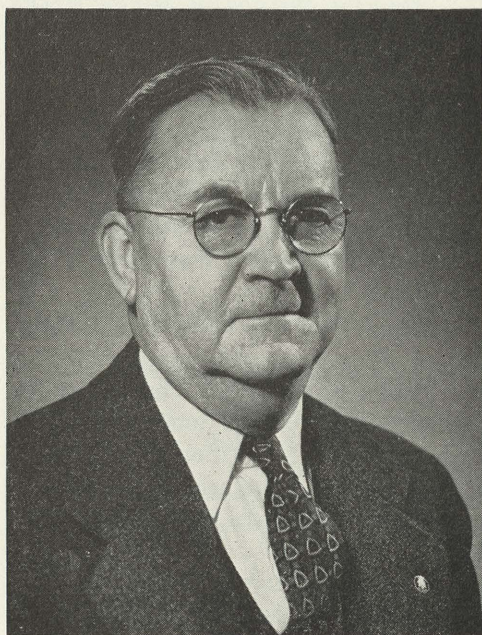
1. The incidence of dental caries of a given number of school children in a representative midwestern city.
2. The increment of dental defects of a given number of school children on an annual basis.
3. The ratio of dental personnel to population required to provide complete dental care.
4. The increase of dental care service that can be provided through the effective utilization of trained auxiliary personnel.

All children from kindergarten through junior high school are given complete dental examinations annually and a complete and accurate record is kept. The children are urged to go to their private dentist for treatment. A series of 2 per cent sodium fluoride treatments, topically applied, has been given to each child participating in the program to aid in the prevention of dental caries.

The following is a summary of a por-

(Continued on page 12)

Dr. John Lacy Wilson Retires



"J. L."

. . . sincere conscientious
. . . competent critical

John Lacy Wilson, Professor and Head of the Department of Operative Dentistry since 1935 and Supervisor of the Clinic since 1923, retired from active teaching at Indiana University School of Dentistry, July 1, 1948. His service will be missed, for it is doubtful if any one man in modern times has had more good influence on dentistry in Indiana than has J.L. He was always a true friend of the dental students, particularly those who had to work their way through college.

Dr. Wilson was born in Pleasantville, Indiana, October 1, 1877. He attended Franklin High School and was graduated from Indiana Dental College in 1912. Before that time, he had learned telegraphy and served as an operator and trained dispatcher on various railroads. Immediately upon graduation, he received an appointment as clinical instructor at Indiana University School of Dentistry, and held the ranks of associate

assistant professor, associate professor and in 1935 was appointed professor of operative dentistry. On July 1, 1948, he was made a professor emeritus.

He is a member of the American Dental Association, Indiana State Dental Association, Indianapolis Dental Society, Omicron Kappa Upsilon, a fellow in the American College of Dentists and a member of Delta Sigma Delta fraternity. His official record lists him as a Mason, a Baptist and believe it or not, he is listed politically as "independent." We assume that this means independent of anything developed by the Democratic Party. He was married June 30, 1915, to Miss Nina A. McNeely and has one daughter.

Because of his sincerity and conscientiousness, Dr. Wilson developed some intense likes and dislikes in dentistry. For instance, he is fully convinced that gold foil restorations properly placed are ideal, and he will vehemently say so anytime and any place. On the other hand, he has little good to say about silicate filling materials. He is as critical and impatient with careless dentistry as he is pleased with meticulously prepared restorations.

His contributions are too well known to all alumni to enumerate at this time, but his intense desire to teach dentistry correctly deserves special mention. An editorial in the Indianapolis News expresses this point of view very well. It reads as follows:

"Any field of endeavor, especially in the professions, is enormously benefited if it possesses an outstanding teacher, one who inspires his pupils and imbues the best of them with his own high and uncompromising standards.

"The dental profession in Indiana has been fortunate to have had such a teacher for nearly 35 years. He is Dr. John L. Wilson, retiring professor of operative dentistry at the Indiana University School

(Continued on page 19)

The Operative Dentistry Department of Indiana University School of Dentistry

Dr. Drexell A. Boyd, Professor of Operative Dentistry



DR. BOYD
New Head of Operative Dentistry

Indiana graduates have had reason to be proud of their training in dentistry since the establishment of Indiana College. They are proud of their proficiency in the performance of dental operations and in the practice of dentistry as a health service to the public. The Department of Operative Dentistry long has been that department of dentistry which has promulgated the greatest amount of this proficiency, for in the years gone by it included the bulk of the services rendered by dentistry. However, with the passing of time and the establishment of specialties within the field of dentistry, quite a number of these services have come to be included in specialized services. Operative dentistry today has become as specialized as the specialties which have sprung from it. This limiting of the scope of operative dentistry has resulted in the seeking of perfection by

those practicing and teaching in this field. Here in the Middle West, the home of The Father of Modern and Operative Dentistry, great effort has been directed toward the teaching and practice of a high standard of dentistry with particular emphasis upon those operations considered restorative or operative in nature.

Looking back at the names associated with this department at both Indiana College and Indiana University School of Dentistry, one finds teachers and practitioners who had the integrity, skill, and knowledge to imbue those with whom they came in contact with their own high ideals and to train them to perform operative procedures of the highest type. Recent statistics show that an unusually high percentage of Indiana graduates have passed out-of-state Board Examinations. Health administrators and armed service officers have been exceedingly complimentary in their comments concerning the operative ability of Indiana trained men. It is the desire of this department not only to maintain these ideals and reputations but also to improve the standards and qualities of its graduates through continuous endeavor along those lines which have proved successful in the past and by employing carefully studied new methods of teaching and practice.

The objective of operative dentistry today is to train students to perform those operations deemed necessary in this phase of dentistry for the adequate health service to the public. This includes both restorative and preventive procedures. This is being accomplished by a three-fold program.

(Continued on page 18)

Alumni Notes

by Mrs. Cleona Harvey

This article is being written to the accompaniment of air drills and sledge hammers as the walls of the dental building crumble under the mighty blows of a crew of workers. The great day of remodeling has arrived and we wonder if we will survive.

We have graduated another class since last we went to press and now have 23 more alumni of I.U.S.D. According to present information, Doctors Badell, Christensen, Crosswhite, Giordano, Hamp, Smiley, and Winer are entering private practice. Doctors Avery, Giltner, Haacke, and Marlette are joining Uncle Sam's forces; Doctors Burke, Edwards, Graves, Kohlman, Nolan, and Schindel have agreed to continue their education as "internes" and to assist their Alma Mater in training more dental students (Dr. Edwards just reported in after getting married on the "Bride and Groom Program" and having a wonderful honeymoon financed by that program). Dr. White writes he is interning at Jersey City Medical Center and Dr. Whisler is in Chattahoochee with the Florida State Hospital. Dr. Thomas Boyd is doing research here at the school under a research fellowship of the Pepsodent Company and Dr. Muhler will be teaching on the Bloomington Campus and working on his doctor's degree in chemistry. Dr. Gilbert plans to do graduate work at the University of Michigan—W. K. Kellogg Foundation Institute.

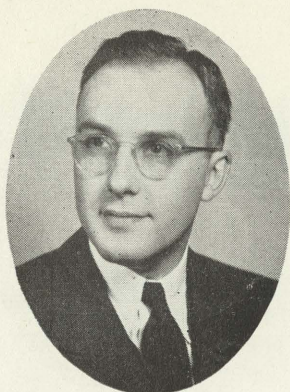
Late entries in our "Guest Book" include Dr. Ralph Minear, '23, Columbia City, Indiana; Dr. B. W. Brant, '38, 404 Union Bank Building, Kokomo, Indiana; Dr. and Mrs. A. W. Fisher and son, '47, Alexandria, Indiana; Dr. and Mrs. P. C. Garman, '18, 113½ E. Lincoln, Goshen Indiana; Captain M. R. Inman, '46, Dow

Air Force, Bangor, Maine; Dr. Hubert Seller, '45, Greencastle, Indiana; Dr. C. M. Hobert, '25, New Albany, Indiana; Dr. Marcos Dones, '46, Puerto Rico; Dr. Ralph C. Day, '10, Vincennes, Indiana; Dr. Kenneth P. Watts, '26, Greenfield, Indiana; Dr. George W. Simpson, '44, Franklin, Indiana; Dr. Lloyd Nevel, '47, 406 Washington #402, Gary, Indiana; Dr. R. D. Gannon, '46, Monticello, Indiana; Dr. R. F. Ferling, '40, Elkhart, Indiana; Dr. G. J. Morris, 36 S. 8th Street, Richmond, Indiana; Dr. J. A. Paukstys, '28, Chicago, Illinois; Dr. A. W. Hammelman, '27, Poseyville, Indiana; Dr. Richard S. Johns, '47, 508 Calumet Building, Hammond, Indiana; Dr. R. J. Alber, '47, 301 S. Cavin Street, Ligonier, Indiana; Dr. Ralph Stark, '15, Fort Wayne, Indiana; Dr. O. H. Goyert, '15, Batesville, Indiana; Dr. Paul J. Narcowich, '47, 625 Lincoln, Gary, Indiana; Dr. G. H. Fross, '26, 3114 Mishawaka Avenue, South Bend, Indiana; Dr. G. F. McKean, '26, 205 West Huntington, Montpelier, Indiana; Dr. Paul T. Worster, '44, 503 Citizens Bank Building, Anderson, Indiana; Dr. G. D. Timmons, '25, Temple University, Philadelphia, Pennsylvania; Dr. R. A. Campani, '18, Porto Alegre, Brazil. Dr. Paul A. Allen, '29, Greenfield, Indiana; Dr. Byron E. Price, '41, Terre Haute, Indiana; Dr. A. L. Petter, '15, Stuttgart, Arkansas; Dr. H. M. Fullmer, '44, 1834 Broadway, New Orleans, Louisiana; Dr. Ira T. Hull, '11, South Bend, Indiana; Dr. James R. Roche, '47, Fortville, Indiana; Dr. Thurman L. Smith, '35, Frankfort, Indiana; Dr. Joseph C. Smith, '25, Terre Haute, Indiana.

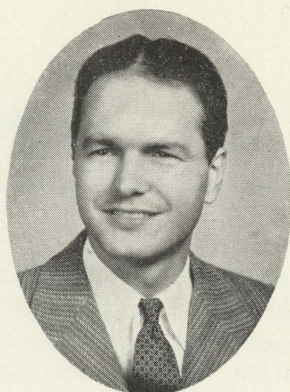
Dr. Ert J. Rogers has been confined to his home for a week or so following a minor operation but he expects to be

(Continued on page 16)

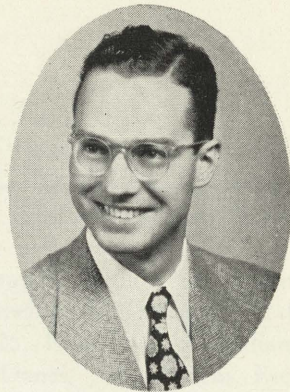
Graduating Class
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1948



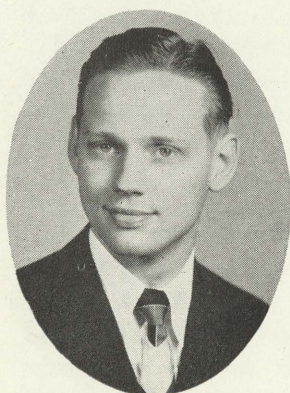
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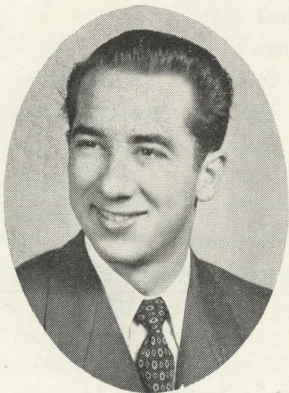
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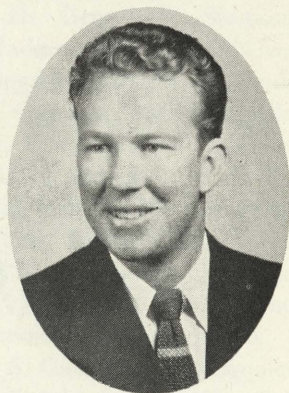
THOMAS M. BOYD



MAX CURTIS BURKE



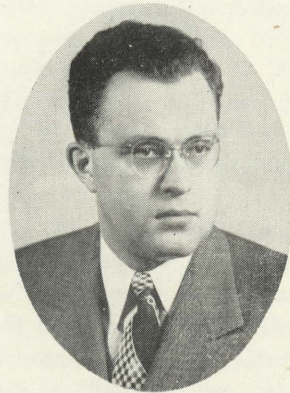
CALVIN C. CHRISTENSEN



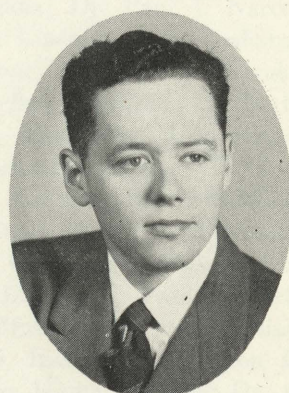
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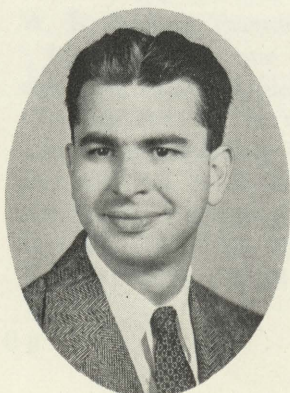
RICHARD S. EDWARDS



BERT W. GILBERT



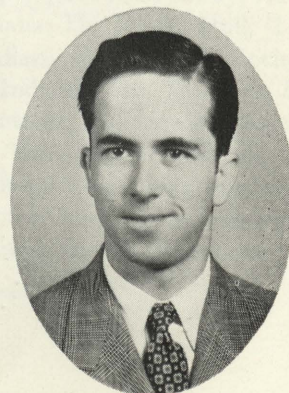
PHILIP C. GILTNER



ALBERT R. GIORDANO



ELIZABETH A. GRAVES



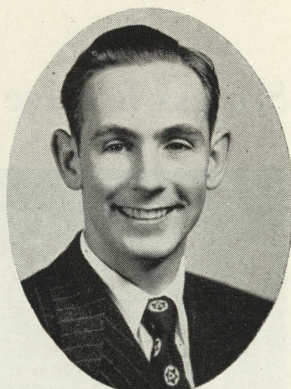
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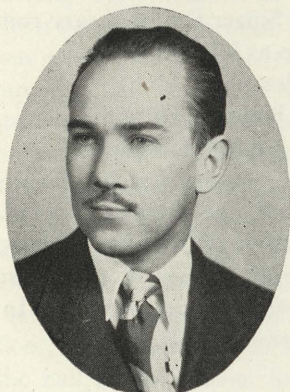
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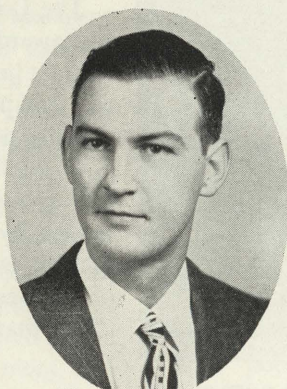
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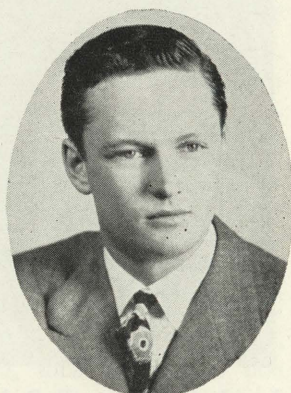
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PRES.



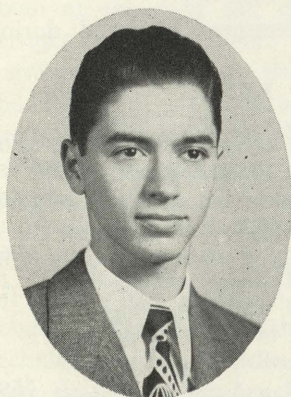
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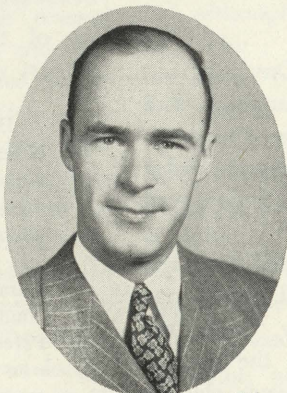
JOSEPH C. MUHLER
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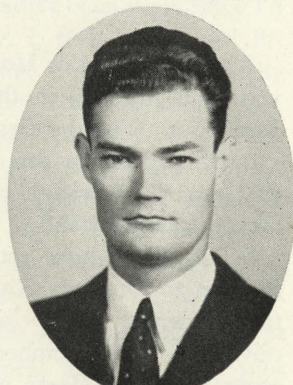
JOSEPH C. NOLAN



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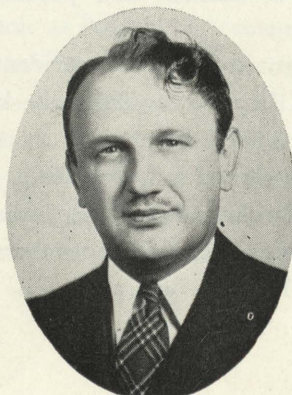
HAROLD U. SMILEY



PHILIP M. WHISLER
SEC.



GEORGE R. WHITE



WILLIAM WINER

Seniors Receive Awards



Joseph C. Muhler, Paul A. Badell, Philip C. Giltner, Jerome H. Schindel, and Dr. Ally N. Burks

The annual senior Honor Day program was held May 28 in the lounge of Ball Residence. For the first time, the program was given in the evening in order that wives and friends of the seniors and faculty could attend.

Scholastic honors recognized through election to Omicron Kappa Upsilon, national dental honor society, were received by four members of the graduating class. Students who were elected included: Paul A. Badell, Philip C. Giltner, Joseph C. Muhler, and Jerome H. Schindel.

Dean Maynard K. Hine, president of Theta Theta Chapter, awarded the keys. Dr. Ally N. Burks, member of the faculty, was also elected to membership, and Dr. E. E. Ewbank, Kingston, Indiana, received the annual honorary membership of Omicron Kappa Upsilon.

Other honors included the C. V. Mosby award for outstanding work in oral surgery to Richard S. Edwards, the C. V. Mosby award for outstanding work in orthodontia to Calvin C. Christensen, the certificate of merit from the American Society for Dentistry for Children to Elizabeth A. Graves, and the C. V. Mosby research award to Joseph C. Muhler.

The Leonard Singer Senior Essay contest awards were as follows:

- 1st prize—Joseph C. Muhler
- 2nd prize—Philip C. Giltner
- 3rd prize—Jerome H. Schindel

In addition to members of the faculty and assisting staff, the program was attended by members of the Bloomington faculty, and representatives of the Board of Trustees, Alumni Association, and Indiana State Dental Association.

PROGRAM

(Continued from page 5)

tion of the treatment rendered during the first year:

REPORT

Dec. 23, 1946-Dec. 23, 1947

- | | |
|---|-------|
| 1. Number of children examined | 3,600 |
| 2. Number of children, dental treatment completed | 1,800 |
| 3. Number of children receiving topical fluoride treatments | 5,060 |
| 4. Number of schools completed | 11 |
| 5. Number of clinics operating | 2 |
| 6. Percentage of children examined who are participating in the program | 75% |

The present staff consists of:

- 6 U.S. Public Health Service Dentists
- 7 Dental Assistants
- 2 Clinic Clerks
- 1 Dental Health Educator
- 1 Dental Hygienist
- 1 Secretary

Dr. George E. Waterman, assigned to Indiana by the United States Public Health Service, is the dental officer in charge of the Richmond program, and

(Continued on page 19)

Odd-dentities

by ruhamah hannah

work on remodelling the building has at long last been started and is progressing very nicely. walls are being knocked out and dirt is being dug out. people walk around carrying yardsticks and looking very intent. at first, watching them convey the dirt out of the basement was great fun and we were all hanging out the windows, but now it's routine stuff and we go unconcernedly about our business. the two labs on the first floor, west, are being made into one room and will house the library, with part of the stacks directly below in the basement. also in the basement will be the student lounge and locker rooms. on the second floor, oral diagnosis will be moved across the hall into the senior lecture room, and surgery will expand to include the rooms now occupied by diagnosis, losing the room at the west end of their present set-up to childrens' clinic. x-ray and photography will occupy the space where the library is now. 44 new ritter units are being installed in the clinic. the senior lab has been divided, the north half having two long benches back to back in the center running from east to west. the south side of the lab is being partitioned off into three rooms—a demonstration room, an office, and a lab for the dental technician. the students will no longer have drawers in lab benches, but will be supplied with technic boxes in which they can carry their lab equipment. in the crown and bridge department the glass partition which now runs north and south has been swung around east and west, enclosing the space just outside the crown and bridge office. this space will be the crown and bridge lab. the sterilizing room will be moved into the alcove under the stairway to the balcony and the pres-

ent sterilizing room will be dr. boyd's office. the elevator will be from the basement to the balcony in the clinic and will be located on the south side of the building, just west of the back door, coming out into the southwest corner of the third floor waiting room. and, of course, the labs are being remodelled . . . the faculty honored dr. j. l. wilson with a dinner at the columbia club for his many years of service . . . i must mention the state meeting because that was the first one i'd ever attended and i enjoyed it very much. saw many people whom i hadn't seen for years—noble sevier, '43, jim zimmerman, '43, robert b. stone, '44, harold exline, '44, edgar dejean, '44, charley pope, '43, dick wulff, '44, bob brown, '44, max y. burke, '44, tom beavers, '44, bill aitken, '43, and lloyd nevel, '47, although it hadn't been years since i'd seen him . . . dr. l. rush bailey and dr. drexell a. boyd are now on the faculty full time . . . the new interns are drs. richard s. edwards, elizabeth a. graves, max c. burke, carl r. kohlmann, thomas m. boyd, joseph c. noland, and jerome a. schindel . . . drs. hine, van huysen, muhler, healey, hall, mcdonald and mr. philips attended the meeting of the international association for dental research at rochester, new york, and all those plus drs. hughes and boyd attended the meeting of the american association of dental schools at buffalo . . . congratulations to the new members of omicron kappa upsilon—drs. philip c. giltner III, jerome h. schindel, joseph c. muhler, paul a. badell, ally n. burks, and e. e. ewbank . . . summer session is in full swing with 25 students in attendance . . . and thats all for this time.

Library

by Rita Lee Downing

Book reviews by members of the faculty.

Gates, R. R. *Human ancestry from a genetical point of view*. Cambridge, Mass., Harvard University Press, 1947. \$7.50.

This book relates a study of the origin and history of the races of mankind, based on evolutionary background. In the beginning chapters the author discusses the principle of parallel development which has been expressed in various ways by paleontologists. The conclusion is reached that the modern so-called races of man are not simultaneous divergents from a single stock but there has been much independent evolution on different continents from diverse ancestral stock.

In the chapter on the evolution of the mammals the author discounts the theory that different races of man descended respectively from the gorilla, chimpanzee, and orangutan. He also says that evidence favors the view that several groups of therapsids independently crossed the line from reptiles to mammals. Also the line between the marsupials and the placental mammals like that between reptiles and the earliest mammals appears to have been crossed on a broad front.

Dr. Gates surveys the origin and history of races of mankind throughout the world and studies the Polynesians, Melanesians, and Negroes, most of whom he believes developed at a comparatively late date.

The author is of the opinion that the peopling of North and South America occurred by migrations from northeastern Asia, the same route by which, in earlier geological ages, large numbers of species of reptiles and mammals had passed into and out of the western continent. It is pointed out that because of the various morphological points of resemblance be-

tween Sinanthropus (Chinese Man) and skulls of Mongoloids and the American Indian that it is probably that the later are mainly descended from Sinanthropus. In the discussion of the particular route taken by man into America it is theorized that man crossed the Bering Strait either on a land bridge or on ice north of the strait. The early migrations of small groups probably took place at the beginning of recent times, 9,000 to 10,000 years ago.

The discussion of the torus palatinus is of particular interest to the dentist. Dr. Gates believes that it is a useless feature transmitted by heredity from the Sinanthropus ancestor. Of comparable interest is the description of the Rhodesian skull found in northern Rhodesia. It is a skull of a late survival of a very primitive type of man. The teeth in the upper jaw demonstrate extensive caries and alveolar abscesses.

This book is an important source of knowledge to all students of genetics and eugenics and to anyone interested in anthropology.

(Reviewed by Dr. R. E. McDonald)

Engel, F. *Three quarter crowns; how to construct and apply them*. Translated and revised from the German text. N.Y., Dental Items of Interest Publishing Co., 1946. \$4.50.

This is an excellent text on the partial veneer crown. It is profusely illustrated with excellent cuts in good detail. A remarkable similarity exists in the preparations, as illustrated, and the preparations as made at this school.

The chapter on analysis of the mechanical factors in paralleling the prox-

imal grooves and the path of insertion is excellent.

The chapter on limits of the uses of the three-quarter crown should receive careful consideration. This chapter, which contains several good points, is divided into the following sections: danger of decay, anchorage value, endangerment of the pulp, and teeth in irregular positions and of irregular shapes.

(Reviewed by Dr. E. J. Rogers)

Weinman, J. P. and Sicher, H. *Bone and bones; fundamentals of biology*. St. Louis, Mosby, 1947. \$10.

Bone and Bones is in part an answer to an existing and growing demand for something to assist the professions in bridging the gap which exists between the basic and clinical sciences. Generally speaking, our knowledge of bones as organs and bone as a tissue has been scattered throughout the literature and not readily obtainable to those who have a limited time to study the subject.

The past decade has shown considerable advancement in our knowledge of this field by the use of improved methods of study of the field. This is particularly true in the case of serial x-rays of the head and face, using the Broadbent-Bolton technique, and the use of vital dyes so extensively employed by Schour and others who were interested in increasing our information on the physiological behavior. The authors are thoroughly familiar with these recent findings and have incorporated modern thinking in their writings.

A book of this type is justified also because the professions in the evolution of their respective specialties have tended to take on particular interests and biases to the point where one gains the impression that a fact in one phase of practice may not be true in another. A truth must be a truth and can be the basis for a common denominator between different fields of work. This book attempts to throw light on whether the bone condition

found by the clinician should be classified as a causative factor or the result of a previous insult.

So far as dentistry is concerned there is hardly a phase whose ultimate success does not depend upon an ability to analyze and cope with a bone problem. In many instances of modern practice we strive to prevent avoidable damage and in others we are called on to remove a cause and prevent reoccurrence. Drs. Weinmann and Sicher are particularly qualified to discuss the subject because of the depth and breadth of their experiences in the basic sciences, medicine, and dentistry. There is ample reason and data to challenge some of the prevailing concepts of bone development in both its growth and calcification processes.

Bone and Bones is adequately illustrated by 289 cuts carefully chosen and beautifully reproduced. Schematic drawings help the reader to understand the authors' ideas and contains enough practical cases to keep interest. The bibliography appears to include a complete listing of references from the European and American literature which has any bearing on the subject. It is the first comprehensive book in this field since the translation of Lerich and Policaud and can be recommended as a suitable book for any professional man's library. The general practitioner as well as the specialist should find that he is better qualified to cope with his clinical problems by having studied *Bone and Bones*.

(Reviewed by Dr. J. W. Adams)

Seniors Pass State Board

The school of dentistry is pleased to announce that all of the seniors who took the State Board examinations in June passed. The examinations are composed of two days of written tests and two days of practical work in the clinic and laboratory.

ALUMNI

(Continued from page 8)

back on the job next week. Dr. Humphreys is looking and feeling fine and we are happy to report he is able to climb the three flights of stairs to the clinic and assist in the Crown and Bridge department.

Dr. Peter Ferrini writes he liked the "new and mighty handsome alumni bulletin". Thank you, Dr. Ferrini, for Mr. Phillips and Miss Hannah. They have worked hard to make this little publication something of interest.

Just received an announcement of the wedding of Dr. Norman R. A. Alley and Anna Florence Harris in Miami, Florida. Our congratulations and best wishes go to Dr. and Mrs. Norman Alley, who will be "at home" at 2230 Lincoln Avenue, Coconut Grove, Florida.

As we promised in the May Bulletin, we are listing the members of the Class of 1947, giving their addresses and what they are doing to the best of our knowledge. We hope you will check this information and feel free to make corrections. We welcome the latest information concerning our alumni. Next issue we plan to give the same information concerning the 1946 Class. In the meantime we are sending a questionnaire to the 1946 Class and hope they are quick to respond to our S.O.S. for their whereabouts.

Adams, Thomas Woodward

(Private Practice)
7601 Reading Road
Cincinnati 16, Ohio

Alber, Robert James

(Private Practice)
Wakarusa, Indiana

Alley, Norman R. A.

(Intern ?)
Fla. State Hospital
Chattahoochee, Fla.

Barr, Ervine Byrd

(Intern ?)
Children's Fund of Michigan
Detroit 2, Michigan

Burack, Irwin Lionel

(Intern ?)
Walter Reed Hospital
Washington, D. C.

Castle, William Francis

(Private Practice)
64 Union Avenue
Lynbrook, New York

Compton, Harold James

(Private Practice)
Frankfort, Indiana

Denny, Robert Dale

(Private Practice)
205 W. 3rd Street
Rushville, Indiana

Dykema, Roland Wayne

(Instructor—I.U.S.D.)
1121 West Michigan
Indianapolis, Ind.

Ferrini, Pete Paul

(Private Practice)
Union Nat'l Bank Bldg.
East Chicago, Ind.

Fisher, Anthony Wayne

(Private Practice)
124 W. Church Street
Alexandria, Indiana

Flynn, Edward Sarsfield

(Private Practice)
723 Main Street
Beech Grove (Indpls, Ind.)

Gephardt, David Andrew

(Private Practice)
815 W. 8th Street
Anderson, Indiana

Graffeo, John

(Private Practice)
102-61 W. Jamaica Ave.
Richmond Hill, New York

- Isaacs, Fred Huston**
(Private Practice)
641 Ohio Street—Room 29
Terre Haute, Indiana
- Johns, Richard Sutherland**
(Private Practice)
5231 Hohman Street
Hammond, Indiana
- Kazwell, Albert Leo**
(Private Practice)
Cedar Lake, Indiana
- Kelley, Hudson Gaylor**
(Graduate Study—I.U.S.D.)
1121 West Michigan
Indianapolis, Ind.
- Kirchhoff, John T.**
(Private Practice)
11854 Sanford Avenue
Detroit, Michigan
- Kunkel, William Albert**
(Private Practice)
432 Wayne Pharmacal Bldg.
Fort Wayne, Indiana
- Lang, Lawrence Arden**
(Private Practice)
509 Johnson Building
Muncie, Ind.
- Laskin, Daniel M.**
(Private Practice?)
103 E. 125th Street
New York, New York
- Lawrence, William Irvin**
(Instructor—I.U.S.D.)
1121 West Michigan
Indianapolis, Indiana
- Lindquist, John Theodore**
(Private Practice—Risk Brothers Dental Clinic)
400 Shulz Building
Lafayette, Indiana
- MacDonald, Henry Holden**
(Associated with Dedham Medical Association)
Boston, Massachusetts
- McKay, James Robert**
(Private Practice)
445 N. Pennsylvania—Room 910
Indianapolis, Indiana
- Moss, Richard W.**
(Private Practice)
114 Lake Shore Drive
Culver, Indiana
- Moss, Robert L.**
(Instructor—Gross Anatomy Indiana University—taking premed)
722 Atwater
Bloomington, Indiana
- Narcowich, Paul Joel**
(Private Practice)
144 N. Broad St.
Griffith, Indiana
- Nazzaro, Rocco P.**
(Private Practice)
896 N. 285th St.
Paterson 3, New Jersey
- Nevel, Lloyd Norman**
(with Gary School System)
406 Washington—Apt. 402
Gary, Indiana
- Pentecost, John William**
(Private Practice)
334 N. Independence
Tipton, Indiana
- Radcliffe, Charles Daniel**
(Private Practice)
Huntington, Indiana
- Roche, James Richard**
(Planning to practice in Indianapolis)
321 S. Merrill Street
Fortville, Indiana
- Routes, John Samuel**
(Private Practice)
410 Center Street
Hobart, Indiana
- Shepard, Miles Milner**
(Private Practice?)
1346 Commerce Avenue
Longview, Washington
- Shuser, Murray**
(Private Practice)
60 Yereance Avenue
Clifton, New Jersey
- Simmons, John J.**
(Private Practice)
107½ S. Union Street
Kokomo, Indiana

(Continued on page 19)

OPERATIVE

(Continued from page 7)

The theories and principles associated with this subject are presented to the students by lectures for a period of three years. These are given once each week for five semesters. During the sophomore year these lectures cover nomenclature, instrumentation, principles of cavity preparation, and a basic consideration of dental histology and pulp reaction as associated with operative procedures. The junior year includes lectures on all types of procedures and clinical routine with particular emphasis placed upon instrumentation and procedure in the placement of the various types of restorations. During the senior year unusual operative procedures and techniques are discussed and the seminar type of teaching is used. The students are assigned special subjects and when these reports are given, all members of the class have an opportunity to learn from the experience and study of their classmates.

The second phase of the training in operative dentistry is a three half-day per week laboratory period. The aim of this period is to train the student to perform dental operations efficiently and to learn techniques which will be used later in the clinic. It is the desire of the staff to get away from the old monotonous repetitive type of training and to substitute for this an efficient balance between proper habit formation and creative thinking on the part of the student so that he may use his laboratory experience and knowledge more easily in the clinics. The Operative Department has taken advantage of the knowledge and services of the Dental Materials Department and today students have a better understanding of the physical properties of restoratives and may more intelligently select and place dental restorations. This increased knowledge of dental materials enables the students and staff to improve the services rendered the patients in the clinic.

The third phase of operative training is the clinical service performed by the students during the junior and senior year. In the past few years by a more efficient scheduling of time and patients, the number of dental operations performed by the juniors and seniors has been greatly increased. A recent tabulation shows that the units of work per student hour have increased well above that of former years. This has been highly beneficial to the students, for it has enabled them to be better prepared to meet the routine problems found in the practice of dentistry. This condition would not be a healthy one had not the former standard of quality been maintained. This was accomplished by the increasing of the ratio of instructors to students. The addition of new experienced full-time and part-time instructors to this department has greatly increased the efficiency of the students and of the department as a whole. This should be reflected in the increased ability of Indiana graduates in the years to come.

The placement of root canal restorations (endodontia) has been re-emphasized in the Operative Department for the past two years. An attempt is being made to prepare the student more adequately in the treatment of diseases of the dental pulp and the apical periodontal tissues. It is felt that improved training in this phase of operative dentistry will enable the student, after his graduation, to render more complete service to his patients. Instruction has for its objective the developing in the mind of the student a substantial scientific basis for understanding diseases of the pulp and apical periodontal tissues and the development of sufficient practical ability in him for treating of cases encountered in practice.

The course of instruction in the sophomore year is divided into that given in the lecture room and that in the laboratory. In the former, emphasis is placed upon terminology and procedure.
(Continued on page 19)

ALUMNI

(Continued from page 17)

Singer, Jack David

(Private Practice)

7344 Michigan Avenue

Detroit 10, Michigan

Stine, Arthur Ivan

(Private Practice)

New Castle, Indiana

Temple, Billy Gene

(Private Practice)

425 Elsbey Building

New Albany, Ind.

Tuckman, Marvin Alfred

(Private Practice)

17 Church Street

Paterson, New Jersey

Walker, Woodrow Wilson

(Private Practice)

204-205 Scott Building

Burlington, N. C.

Walton, Martin Oliver

(Associated with Lee County Health Department)

123 E. 1st Street

Dixon, Illinois

J. L.

(Continued from page 6)

of Dentistry. As legions of dental students learned over the years—Dr. Wilson was a perfectionist about technique and a 'neat, well-done job.' His insistence on excellence, both in the students' scientific background and their operating procedures has been one of the chief factors in the present high standing of the profession in this state. Like every man who gives of his best, he can retire in the secure knowledge that he has inspired many who will carry on his influence and ideals."

Dr. Wilson was honored by a dinner given him by his faculty colleagues on the eve of his retirement when he was presented with several gifts. Dr. Wilson's future plans include service as a consultant to the Indiana State Board of Health for the next year, and continuing to serve as advisor on some dental school com-

mittees. While Dr. Wilson's many friends wish a happy, quiet period of retirement for him those who know him best realize that he still desires to teach and that he has too much ability to be allowed to leave the field of dentistry.

OPERATIVE

(Continued from page 18)

In the laboratory, the student is given training intended to give him a working knowledge and ability in the principles of opening, cleansing, and filling root canals.

In the clinic years, the student is provided sufficient root canal cases:

1. To assure the development of his ability to carry out routine endodontic procedures.

2. To instill confidence in his ability to carry out such procedures.

3. To widen his knowledge, judgement and experience to the level that will enable him to handle the problems of root canal therapy with which he will be confronted when he begins his practice.

PROGRAM

(Continued from page 12)

he cordially invites all who are interested to visit the clinics.

In addition to this program, the State Board of Health and Indiana University School of Dentistry are sponsoring a fluoride research project to determine the effect of various fluoride compounds on the solubility of the enamel and dentine of the teeth. The Children's Dental Clinic in the Riley Hospital for Crippled Children is sponsored by the State Board of Health, and this service includes a dental study of 50 diabetic children in the hospital.

C. L. Howell, D.D.S., M.P.H., joined the division of dental health June 7, 1948. His training and experience will enable the division to emphasize dental services to children.

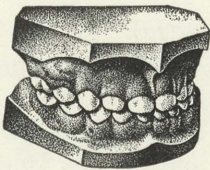
(Reprinted from the Monthly Bulletin of the Indiana State Board of Health.)

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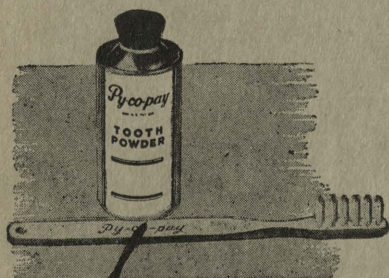


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