

Alumni Bulletin

INDIANA UNIVERSITY
SCHOOL OF DENTISTRY

MARCH, 1960

INDIANAPOLIS, INDIANA

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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 Patient and His Partial Denture

by L. Walter Brown, Jr., Professor of Prosthetic Dentistry,
Tufts University School of Dental Medicine

(Portions of a paper presented before a post-graduate course, Indiana University School of Dentistry, July 9, 1959.)

Modern dental treatment must take a comprehensive view of each patient's dental problems if it is to meet the challenge of the increased longevity insured today's public as a result of medical and allied research. In order to satisfy this demand, the modern partial denture must combine biological and mechanical principles to create a replacement which will (1) provide comfort; (2) restore chewing efficiency; (3) improve the patient's appearance; (4) preserve the remaining teeth and dental structures; and (5) promote the general health and welfare of the patient.

A trilogy of successful partial denture prosthesis includes: (A) The Patient; (B) The Dentist; and (C) The Partial Denture, itself. This presentation will proceed in this order. Obviously there will be some overlapping of ideas as no sharp lines of demarcation can be drawn between these sections which have been made merely for clarity in presentation.

In a paper presented before the American Denture Society in Chicago in February of this year, Dr. Johnston outlined three reasons why a patient seeks dentistry. They are: (1) relief from pain; (2) difficulty from reduced function; (3) dissatisfaction with the appearance of his mouth. Your essayist would like to add a fourth, namely economic opulence either on the part of the patient or his relatives. At sometime during your practice, I am sure you have been confronted by the individual who has suddenly attained wealth and decides to "have his teeth fixed." He attaches no more significance to its health import than he does to a piece of jewelry which he values only by

its price. In the same category, is the patient who is literally dragged into a dental office by a relative who feels that his parent ought to have new teeth because his appearance embarrasses them (the children) socially. The patient wants no part of this program and submits, in an effort to appease his children. Experience has proven that patients in either of these categories are unhappy patients, a dentist can do little which will satisfy them and they are frequently chronic complainers.

Returning to the legitimate seeker of dental service, it is a foregone conclusion that the ultimate success of any dental replacement rests upon the rapport that exists between the dentist and his patient. This results from the confidence on the part of the patient on one hand and the intelligence and human understanding on the part of the dentist on the other. Relief of pain should be the primary service given a dental patient. Following this, the dentist should assume the role of counselor advising those procedures which will maintain the health of the individual and prevent recurrence of the same malady. Admittedly, we as dentists have been negligent of this responsibility in the past. Whether it has been a case of "being too busy" or "mere complacency," neither reason is acceptable to us as professional persons. Where else can a patient receive this information if not from us?

Counsel to the prospective patient must include a forthright presentation as to individual responsibility as well as the joint responsibility of each party (the patient and the dentist) necessary to insure success of the dentistry. These should include such items as: Why it is so planned—What it will do for the patient—What are the problems of wearing the denture

—How to care for the denture—Appointments for servicing the denture—Its cost—and maintenance fees. Background for this advice is dependent upon a complete diagnosis and carefully detailed treatment plan. The total data supplied by clinical examination, radiographs, mounted study casts and patient's history contribute the only method by which the dentist can tell the complete story to his patient. In the modern concept of dental therapy, a cursory survey including less than this would be considered heresy and malpractice.

Explaining to the patient that as a consequence of the outlined treatment he will be able to chew better, he will look better, his digestion will improve, he will be able to save his teeth longer and prevent further loss and greater dental dysfunction should stimulate him to enthusiasm for the program. At the time, this carefully arranged plan on the part of the dentist will suffice to give greater confidence to the patient. While professional know-how is important, it cannot replace the effectiveness of good dentist-to-patient relationship.

An analysis of the patient's oral hygiene habits will give some clue as to whether the patient will abide by regulatory habits which the dentist may feel necessary to prescribe. In some cases, it might be well to institute such a regimen prior to undertaking the work.

It will be found that time spent prior to the inception of dental treatment in advising and preparation of the patient will repay itself many times in time lost after a case is completed because many of the difficulties have not been ironed out before starting the case, hours which could otherwise have been more fruitful in the dentist's economy of time.

Eating with their new dentures is a common difficulty experienced by many patients. The advice to use small mouthfuls, to avoid sticky foods, and the adop-

tion of a bland diet is in order. The feeling of bulk, apparent loss of "taste" sense as well as a possibility of tenderness and soreness should be cited as warnings to these patients. The feeling of fulness will usually dissipate itself within a short time, when the tongue shrinks to adjust itself to the space narrowed by the presence of the replacement. Soreness will manifest itself in spite of all precautionary measures which the dentist may observe for, after all, we are adjusting to a mechanical piece within the cosmos of a living patient. Warning the patient these events may occur but they can be resolved by tolerance on the part of the patient and assurance of the readiness of the dentist to give relief will go a long way to instill confidence in the patient and calm his fears. Where the denture is allowed to go out for the first time, it will be good psychology for the dentist to give a number of definite appointments for the patient's return, e.g., 24 hours, 48 hours, three days, one week, etc. Too often a patient is given a simple brush-off with the directive—"call me if you have any difficulty."

Speech difficulties may accompany some cases and a patient should be advised of it. Should this problem occur, tell the patient to take a book or newspaper and seek a hideaway where he can read aloud to himself. From this discipline, the patient will readily learn the difficult speech areas which he can then resolve by himself and avoid the embarrassment of having to apologize before his friends, saying "oh, excuse me, I have some new teeth and they aren't adjusted yet."

Instruction to the partial denture recipient as to the correct method of cleansing his denture (critical information the dentist should impart to his patient) is often omitted. The type of brush as well as the dentifrice most suitable should be advised for the individual case. Warning the patient against gripping the denture so it might distort or clasp arm be deformed or, dropping it so it might strike

the laboratory bowl and crack a tooth or misshape a clasp, can be thwarted if patient is told to fill the bowl one-third full of water first, then if denture slips from his fingers its fall will be cushioned by the water bath. Warning against use of too hot water is necessary so that the patient does not actually soften the plastic base. It is desirable to advise a partial denture wearer that because of the accessory edges of the bars, clasps and saddles which are areas which readily pick up food debris, that whenever possible, he should rinse off his denture and his own natural teeth after each meal even if with just plain water. Another precautionary procedure is to give the patient regular appointments for checkups to determine that the abutment teeth are still intact or that early incipient caries may be checked before a forest fire of decay undermines and makes the partial worthless. Why is it that automobile and appliance centers give written instructions to their purchasers of mechanical tools, which can be repaired or parts replaced, yet we who are dealing with vital structures, which once lost cannot be reclaimed, are prone to dismiss our patients with indifference as to their maintenance?

The dentist's role in the decision to employ a removable partial denture is a complex one. In the replacement of missing teeth, fixed bridgework is usually the first choice of the dentist. This type of treatment is regarded as providing the patient with the least bulk, with a replacement which has a more natural "feel", as well as a form which gives a patient a greater sense of security against loosening which is denied by any type of removable prosthesis. On the other hand, there are many instances where this type of prosthesis is contraindicated: for example, mouths where there are no posterior abutments; in cases where there has been excessive alveolar bone loss and the fullness of the saddle area of removable prosthesis is needed to support the lips and/or cheeks; in cases of widely

separated teeth where the support of the remaining teeth depends upon spreading it over the remaining teeth and saddle areas; and then, in a limited number of cases where the side spacing of the natural teeth demands a removable piece for better esthetic results.

It is the duty of the dentist to appreciate the close inter-relationship which prevails between the many areas of dentistry effecting the ultimate success of any partial denture. Extraction may be needed if a tooth is tipped beyond usefulness or extruded so that it contacts the opposing alveolar ridge on mouth closure. Surgery may be employed to smooth sharp areas which might cause pain on chewing, to remove enlarged tori and tuberosities which interfere with the placing of the major connectors or saddle area outlines and also for the removal of teeth hopelessly involved caries wise or periodontally. Orthodontics may assist in repositioning teeth either for reasons of simple alignment to better receive the forces of mastication or for better esthetics in the final denture. Splinting of teeth is indicated for the support of periodontally involved teeth with a favorable prognosis. Caution is advised when the splinting principle is used. Too often it is *abused*. Inflammation and hypertrophied tissue are frequently seen where two abutments have been splinted. This is due to disregard of provision for proper embrasures, here, allowing natural and personal hygiene to be performed. Prior inspection should reveal the inability to design such embrasures and alternate procedure followed. Small units of fixed bridgework may be used to restore single spaces and at the same time act as a supportive role for a removable partial. A preliminary survey may have revealed abutment teeth with insufficient or excessive contours unfavorable for clasping. Insufficient contours may be corrected by placing over-contoured restorations in the gingival third of the abutments. Exaggerated contours may be re-

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Progress Report — Riley Hospital Dental Clinic

by John R. Mink, D.D.S., Instructor in Pedodontia

In the August 1954 issue of the Alumni Bulletin an article by Dr. Cosmo Castaldi explained the purpose of the hospital dental clinic and its importance in the teaching program for undergraduate and graduate dental students. The clinic is under the direction of the department of pedodontia. Because of the ever increasing demands on dentistry for the care of the handicapped patient, it is important that the clinic facilities increase correspondingly. It is the purpose of this paper to describe this development.

In the past five years, the clinic has steadily increased in all phases necessary to meet the demands. An additional 720 square feet of floor space has been obtained. It includes a new waiting room, busi-

ness office (fig. 1), research area and increased storage and dark room facilities. With this additional space, the other areas of the clinic have been relieved and are much better prepared to utilize the already existing treatment facilities (fig. 2, 3 and 4).

The clinic personnel has also been increased, especially with the addition of more part-time help from practicing dentists. At the present time there are part-time dentists who come in to treat patients and instruct the students. These men have been a tremendous asset in the function of this clinic.

In addition to the dental staff, the assisting staff is a most important adjunct

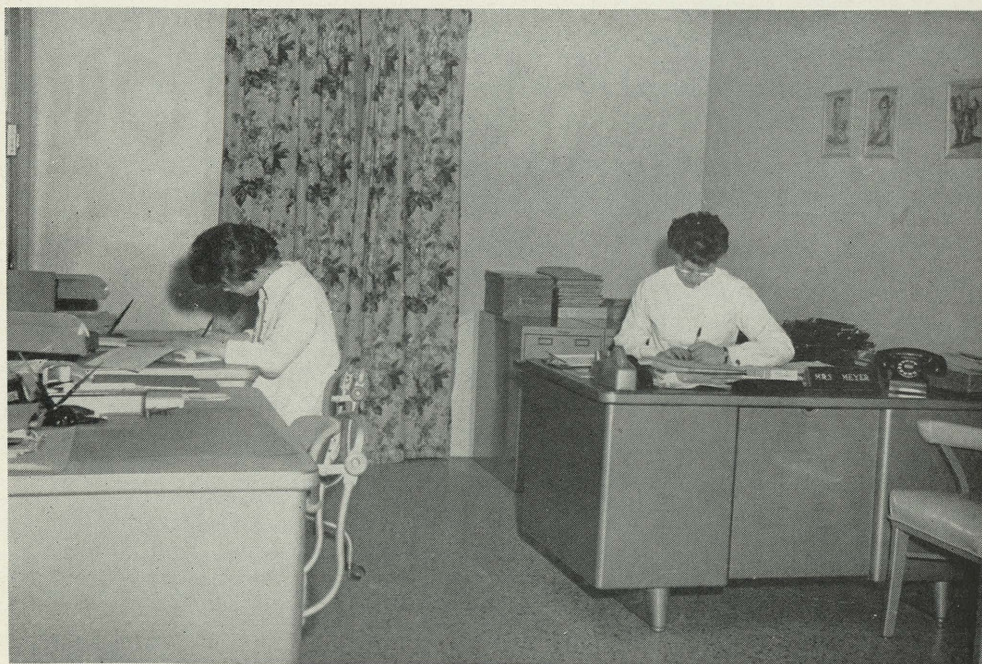


Fig. 1. New business office. (left) Mrs. Marjorie Frank, technician. (right) Mrs. Dorothy Myer, secretary and appointment clerk.

to the clinic. Because of the special problems one encounters in the treatment of the handicapped child, a well-trained assisting staff is of particular value. We have been fortunate in securing a most competent and devoted group of ancillary personnel.

The research facilities have also been increased. The most recent equipment is a cephalometer (fig. 5), to be used in the study of facial changes in the cleft-palate patient. This particular investigation is in conjunction with the orthodontic department and is supported by a grant from the United States Public Health Service. Several other studies are also in progress.

With the additional area, equipment and personnel available, there has been an increase in the teaching program. Five different groups of students are now participating. The senior dental students are assigned to the clinic in order to become familiar with the special problem of the dental care for the handicapped. These students actually treat the patients rather

than just observe. Part of the time is also devoted to the discussion of the special care and precautions necessary in the treatment.

The second group includes the pedodontic interns and graduate students. In 1957 the internship was approved by the American Dental Association and is one of 11 now accredited. The graduate student and intern who desires to become a specialist in children's dentistry must spend a great deal of time learning the individual problems and techniques used caring for the handicapped and chronically ill child.

The dental hygiene students participate in the preventive dental program. Thus they become better acquainted with the needs of the handicapped patient. The dental assistant student is also assigned to the clinic and aids the dentist in the treatment of the patients. She learns special assisting techniques which are needed in the care of these children.

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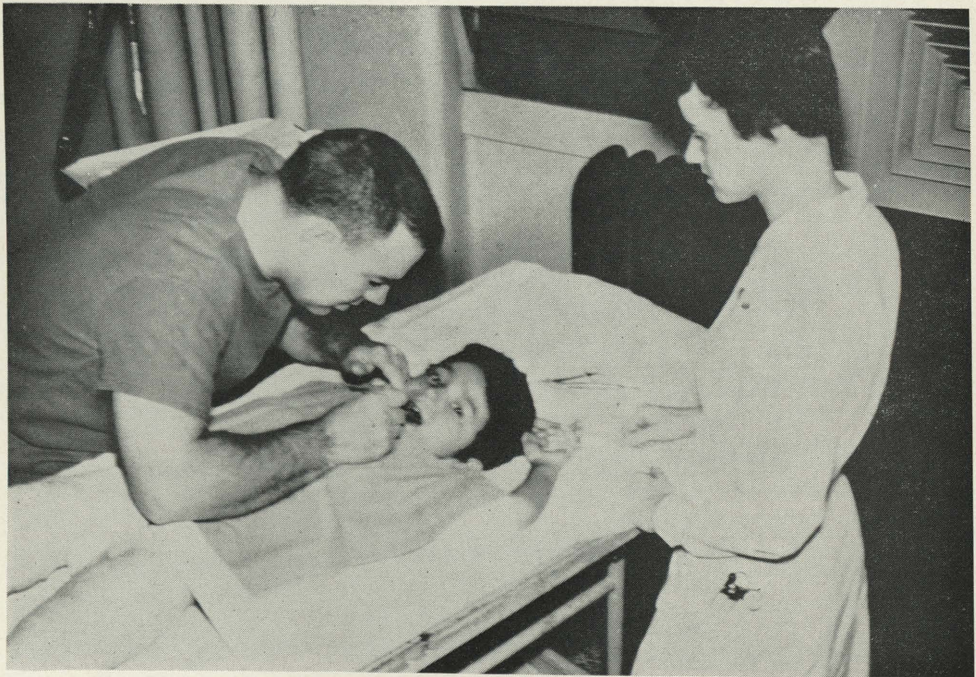


Fig. 2. Treating a hemophiliac patient in one of the dental clinic operations. Miss Marthena Smith and Dr. John Mink.

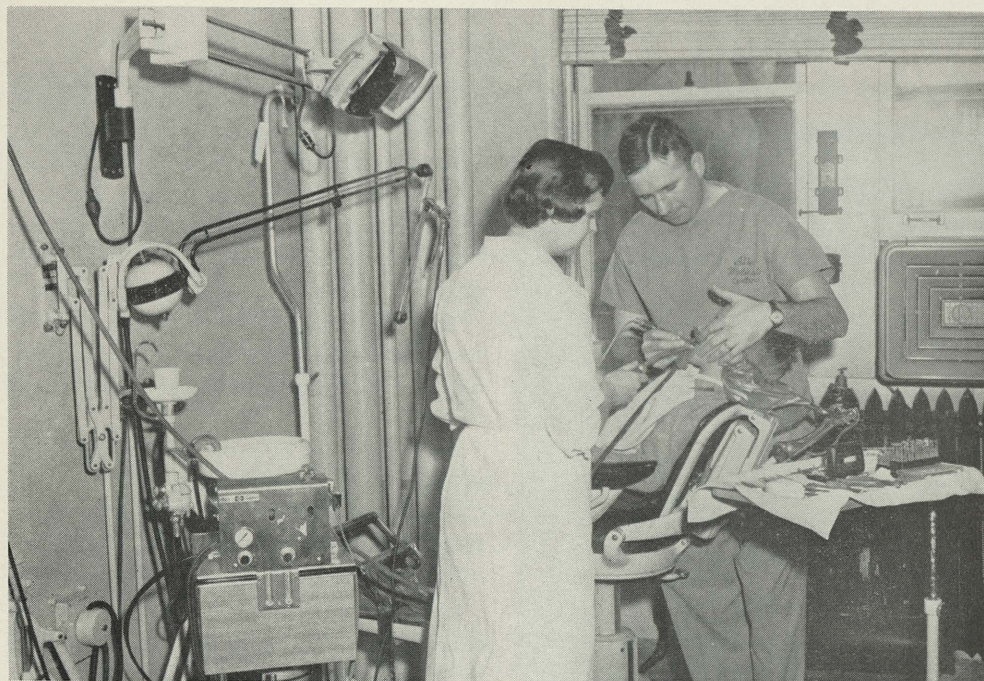


Fig. 3. Treatment room. Miss Diane Stokes, dental assistant student, and Dr. David McCline doing operative procedures on a retarded child.

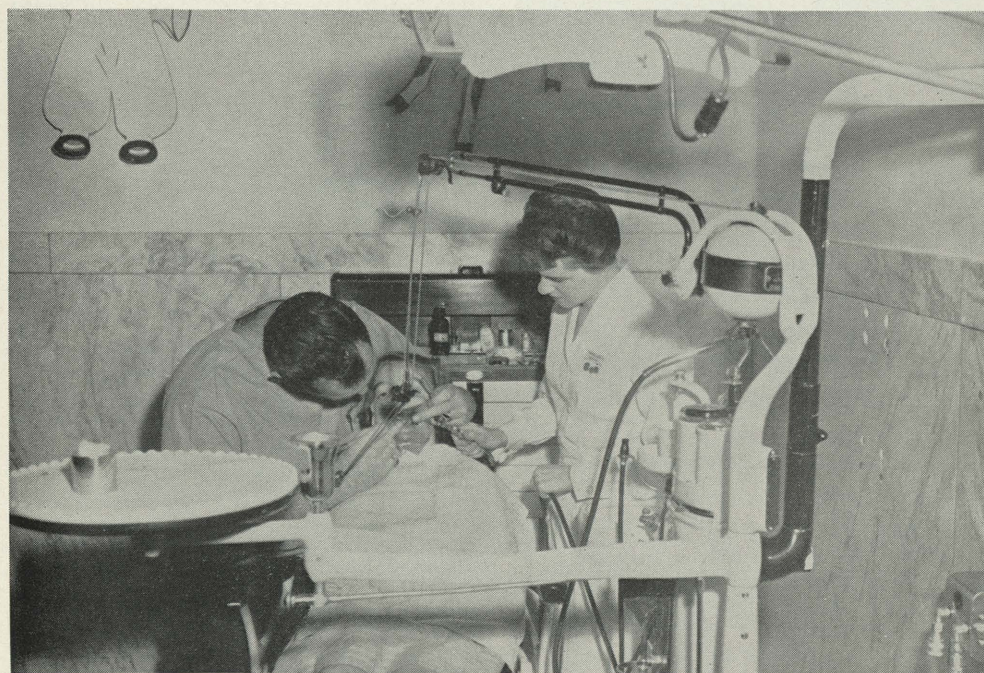
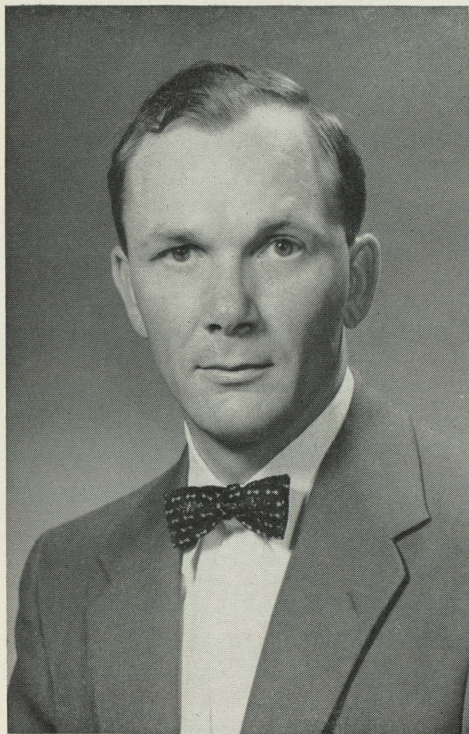


Fig. 4. Treatment room. Miss Marthena Smith, dental asisstant, and Dr. Donald Christy, pedodontic intern, doing operative procedures.

New Faculty Members



Dr. Paul Starkey

Dr. Paul Starkey has been appointed Associate Professor of Pedodontics and joined the full-time teaching faculty, September 1, 1959.

Following his graduation from Indiana University School of Dentistry in 1943, he served as half-time instructor in pedodontics in 1955 and practiced in Dayton, Ohio until his recent appointment to the I.U.S.D. staff.

Dr. Starkey has been extremely active in national and local pedodontic groups. He organized the Dayton Pedodontic Study Group and served as President of the Ohio Unit of the American Society of Dentistry for Children. He holds membership in the American Association for Cleft Palate Rehabilitation and is also a Diplomate of the American Board of Pedodontics.

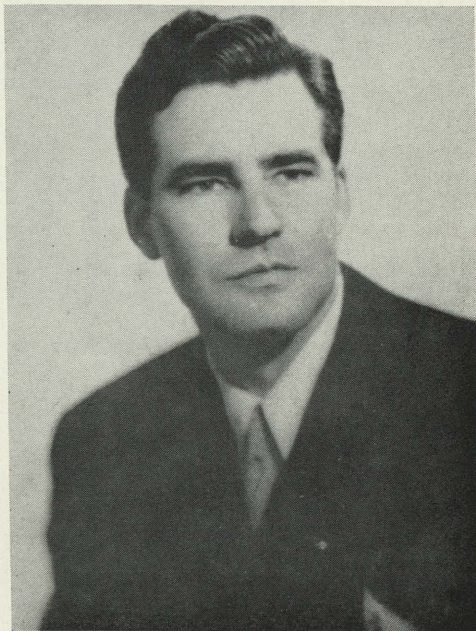
Although Dr. Starkey has been very active in church, fraternal and civic affairs, in addition to his practice and hospital staff responsibilities, he has found time to pursue his hobbies which include deer hunting and fishing.

It is a pleasure to welcome Dr. Starkey, his wife, Arlene, and their four children, Susan, Scott, Jan and Henry to our University family.

Dr. John R. Pinion has joined the faculty as a full-time member of the Crown and Bridge-Partial Denture staff. Initially he will serve primarily as a clinical teacher in the Partial Denture section.

He was born into a family of dentists on October 9, 1912, in Caruthersville, Missouri. After graduating from the University of Tennessee in 1938, with the degree of Doctor of Dental Surgery, Dr. Pinion was in general practice until 1942. Separated from the Army Dental Corps in 1946, with the rank of Major, he again practiced general dentistry until 1952.

(Continued on page 33)



Dr. John R. Pinion

Annual Alumni Meeting Held at Bloomington

by F. A. Hohlt, President, Alumni Association

The beginning of one year is the ending of another, a chronological circumstance so obvious I would hesitate to bring it up save for its timely bearing on our next October meeting. The selection of a program, speakers, entertainment is always a taxing, but pleasant, decision by the officers and directors—taxing because the quantity of candidates is broad, pleasant because the quality is high.

Such a program was arranged for the 15th annual Fall Conference on the Bloomington campus September 25, 26, 1959. What happened? The attendance was very disappointing. What was the reason? The officers and directors are wondering too. All are considering every possible way to get at the heart of the problem.

I can confidently say to all of you that through the Indiana University School of Dentistry Alumni activities, the contribution to intellectual, social and professional growth is unequaled by any other group in this country.

The contributions and unselfish service of many members have made this organization what it is today. I only hope more will follow in their footsteps.

It probably is of no great consequence who is President of the Alumni Association as long as the ideals and objectives set forth in our Constitution are followed by all persons involved.

Dr. Willard H. Damm, the Alumni President, had a meeting loaded with scientific knowledge and entertainment. His efforts and desire for such a program deserve special thanks and recognition.

Not too long ago I was chiding one of my own classmates for not attending dental meetings. His reply was that he had gone to school all his life and that when he finished and passed the State

Board he promised he would never go to another meeting or associate with any of his colleagues. He vowed that he wouldn't do this for the rest of his life if he didn't want to. To date, he has kept this vow and I wonder if he is really happy. I doubt it, and I wonder if this isn't part of our alumni problem. We could all be much happier if we took the position where we can gain so much more scientific knowledge and friendship. It takes a lot to satisfy the ego of some people. If this ego is satisfied and curiosity stimulated, the Alumni meeting will be healthy.

Let's be practical—the officers and program chairmen do their best to present us with varied programs and entertainment. If we have the inclination to attend the Alumni meeting and will attend enough of them, we will sooner or later be exposed to an Alumni Association that is very healthy indeed.

All of those who participated in this year's program—Miss Mary Linkel, Mrs. Virginia Rogers, who spoke to the Dental Wives, Mr. Bob Dro, Mr. Phil Dickens, the football coach, and Dr. John P. Frush—deserve special thanks and recognition.

Dr. Frush presented a fine scientific program. All those in attendance were impressed with his knowledge of full-denture esthetics and his manner of presenting a comprehensive esthetic technique and analytical procedure for office use in constructing all types of dental prosthesis. If anyone left Alumni Hall not better prepared for treating his own patients, it was his own fault.

The Friday evening conference was completed with a show, "The Rainmaker," at the University Theatre. This was a first-class dramatic entertainment. The

weather at this time was very dry, and I'm wondering if the "Rainmaker" brought the deluge that saw Indiana beat Illinois on Saturday afternoon. Indiana knocked them off but good. Maybe the pressure was off for this strong contingent of sophomores and juniors on this first game. The best of luck to Phil Dickens, staff and team in the future.

Orchids to Dr. Joseph Muhler, Dr. Miles Barton, and Bob Stebbins for their tireless effort in uniting the friends and alumni of the University to contribute financially through the Indiana University Foundation to the Varsity Club. The athletes who qualify academically and the coaching staff appreciate this assistance very much. The aims and policies of athletics at Indiana University are on the upgrade and in accordance with "Big Ten" rules. The more help the Alumni

can give, the finer teams Indiana can field. Just try and remember that it is the spirit of giving that counts.

Friday afternoon the Alumni met and elected the following officers:

President—Dr. Frederick A. Hohlt
 President-Elect—Dr. A. C. Yoder, Jr.
 Vice-President—Dr. Robert Peden
 Secretary-Treasurer—
 Dr. H. William Gilmore

Board of Directors:

Dr. Richard E. Jennings
 Dr. T. M. Boyd
 Dr. J. R. McGeorge
 Dr. Byron Price
 Dr. Emory Bryan

During this meeting it was interesting to know that the money given to the Indiana University Foundation for Scholarships is doing a wonderful job. Many students have used this money for their edu-



Indiana University Alumni Association President Verling Votaw presents Dr. Willard Damm, outgoing President of the Dental School Alumni Association, the Indiana University Alumni Association Constituent Society Achievement Award. Mr. Claude Rich, Alumni Secretary, is pictured in the middle. This award, in recognition of outstanding service by the School of Dentistry Alumni Association, was presented at the home of the annual fall meeting in Bloomington.



New officers of the Indiana University Dental Alumni Association, elected at the group's fall conference at Bloomington, are, left to right, front row, Dr. W. H. Damm, Evansville, retiring president; Dr. A. C. Yoder, Jr., Goshen, president-elect; and Dr. F. A. Hohlt, Indianapolis, president; back row, Dr. H. William Gilmore, Indianapolis, secretary-treasurer; Dr. Robert Peden, Seymour, vice-president; Dr. R. E. Jennings, Speedway, director; Dr. T.M. Boyd, Muncie, director; and Dr. J. R. McGeorge, Hagerstown, director.

cation and are continuing to do so. Those who have used this source of money, have returned the amount in full with small interest, and have been very thankful. This money could be used for no better purpose.

The 16th annual Fall Conference will be held October 7th and 8th. A very fine program is being arranged, with Indiana playing their first football game in the new stadium. Mark these dates off so you all will be with us for a very wonderful time and meeting.

1940 Class Reunion

The Class of 1940 is reminded that a reunion will be held at the time of the State meeting. The banquet will be on May 16 at 7 P.M. in the Marott Hotel, which is also the headquarters for the class. Dr. Bryan urges all to attend.

Five Diplomates in the Department of Pedodontics

At the December Specialty Board Examination held at Northwestern University, three members of the Department of Pedodontics successfully completed the requirements and became Diplomates of the American Board of Pedodontics. Doctors Ralph McDonald and Paul Starkey, previous Board Members, were joined in this achievement by Richard Jennings, James Roche and Arthur Klein.

It is particularly noteworthy that of the 97 dentists in the United States who have been certified by the American Board, five are on the teaching staff at Indiana University. This is a record that cannot at the present be matched by any other school.

Dean Hine reports that...

Progress on the construction of the addition to the dental school has been slowed down to a virtual standstill by the statewide strike called by the hoist operators union so that now it is not certain whether or not the addition will be completed in time for classes to be held there next fall. Our contractor reported to us that the concrete needed to complete the roof was scheduled to be delivered at 8 o'clock one morning last fall but the order had to be canceled because of the strike which was called for 7 o'clock that same day. As a result, the roof has not been completed and so the workmen have not been able to do much on the building this winter. Although the union has allowed several construction projects to proceed, so far they have not allowed our construction to continue. This simply means that our teaching and treatment facilities will not be available as soon as planned; as a result our dental classes will be handicapped next fall, and there will be many hundreds of disappointed patients.

Our clinical staff was strengthened this year by the addition of Dr. John R. Pinion, Associate Professor of Crown and Bridge, from Loyola University. Dr. Pinion joined our faculty last fall and has already established himself as a capable teacher who is fitting well into our teaching program. We are also pleased to welcome Dr. David Bixler, graduate of the Class of 1959, to our faculty. Dr. Bixler received his Ph.D. in 1956 and is now a full time teacher in our Basic Sciences Department. Other new faculty members include Drs. David T. Amos, Donald E. Arens, Richard Berger, Harold Brewer, Lloyd Delman, Norman Klein, David Lehman, Ben B. Bruce, Jr., Paul E. Starkey, Robert Swieterman, Robert C. Walls, Arthur Radike, William C. Gillig and Mrs. Anne Spedding.

Alumni will be interested to know that Dr. Gerald D. Timmons, Dean of Temple University, is recuperating very satisfactorily following his recent operation for gastric ulcers; he returned to his office on a part time basis on February 8.

As many alumni already know, the surgeons caught up with me around the first of the year; it may be of interest to some to read my "Case Report":

It has been well established that only a few of the general populations have diverticula of the colon which become inflamed. It is unusual for these inflamed diverticula to rupture, but it is practically unheard of for ruptured diverticula to produce an abscess which is well enough localized that it can be removed in toto. However, I have been informed that my case fits into this category and will undoubtedly appear in textbooks of the future as a classic example of ruptured diverticulitis with localized abscess formation. This proves once again that some are born great, some achieve greatness, and a few of us have greatness thrust upon us!

One of the recognized privileges given patients who have undergone general surgery is that of discussing the "operation". In many instances this discussion is boring to the listener . . . but not in mine! After two extensive and intricate surgical procedures it appears that my damage has been repaired. It is pleasant to report that on the 18th day after my admission I was discharged, sans diverticulum, abscess, a segment of the sigmoid colon, sutures, and with a tender lower left quadrant, with all my incisions fairly well healed, gradually decreasing weakness, an alarming bill, a realization that except for some unpleasant postoperative experiences, all went very well, and pleasant memories of many magnificent bouquets of flowers, plants, (Continued on page 33)

Dental Hygiene

A. Rebekah Fisk, Director

We were pleased to receive the greetings, pictures and news which you sent to us before the holidays. We decorated the door with the cards and pictures and many of your friends stopped by to read the messages and admire the children. Most of the following news was gleaned from the Christmas mail.

Class of 1952

If we had a prize to give to the graduate who has moved the most it would certainly go to Mary Louise Dreher. After residing in their lovely home in Westlake, Ohio for only six months, Al was transferred again. Their present address is 7600 Main Street, Ralston, Nebraska. From a picture of Gloria (Horn) Huxall, her husband and daughter, Kelley, playing with Christmas cards one could tell that they are a happy family.

Class of 1953

State Meeting always serves as a motivation for our graduates to return to Indianapolis. It was good to see Shirley (Whaley) Day during the last meeting. She is now living at 638 Whitelock Street, Huntington. Her husband is principal of a school and she practices several days a week. During the summer we received a note and a new address from Geraldine Frazier. V.P. 49, c/o F.P.O., New York, N.Y. c/o Herman Frazier. Jo Ann Nichols received her D.D.S. degree in June and is now Mrs. John Hearn, 1414 College, Apartment B, Santa Ana, California. Beatrice (Davis) Pierson and family are now living at 1305 Mackinaw Drive, Calumet City, Illinois. The last we heard from Bea she was cramming for the Illinois Board.

Class of 1954

Patty and Harold Boon received an early Christmas present in the form of

Tolar Harold III who, according to the announcement, weighed in at 7 pounds and 13 ounces. Barbara (Rambo) Herrold and family are now living at 2201 East 65th Street, Indianapolis. Dr. Herrold is associated with Dr. J. Frank Hall and is also a graduate in oral surgery at school. Marcella (Mitchell) Keefe and family are now living at 9007 Shorewood Drive, Mercer Island, Washington. Dorothy (Eastlund) Robinson although the mother of four children finds time for part time practice. The Robinson's live at 2323 North Moreland, Indianapolis. Carol (Ottinger) Rosebrock is also finding it possible to combine raising a family and part time practice. Betty (Kiefer) Halsey and Marlene (Bleeke) Christmas both sent pictures of their children who we think are keeping them busy. Kay (Boese) Landreth has a daughter, Wendy, who is about a year old now.

Class of 1955

After a long silence we received a new address for Doris (Rock) Klitzke who is now living at 4137 Drew, Houston, Texas and planning to take the Texas Board in June. Mary Ann (Penn) Rolando and family are now in their own home at 4818 Edgewood Avenue, North, Minneapolis 27, Minnesota. Mary (Sheets) Sanders is now associated in practice with Dr. Cleveland in Elkhart. During the summer Carolyn Tucker was married to Fenton James Reighley, Jr., United States Air Force and will be living in Germany for the next three years.

Class of 1956

Kris (for Kris Kringle) Edwin Abbett was born to Delores and Dick on Christmas Eve. Janice (Clinton) Fryar has a son Brian. Dr. Fryar is a graduate student in Orthodontia. We were glad to

receive an address from Mary Gwen (Greenlee) Russ, 17575 Yukon Ave., Torrance, California. She had seen Betty (Jester) Nicklas who was also living in the area. Judith (Patterson) Hodge and Dr. Hodge D'59 are living in Hawaii. Their address is Navy 14th, U.S. Naval Air Station, c/o Fleet Post Office, San Francisco, California. Barbara (Jones) Meyer and family are now living in Flora, Indiana where Dr. Meyer D'59 is in practice. The family of Phyllis (Wolf) Rhodes now includes baby Donald. They are in their new home at 6527 Hampton Drive, Indianapolis. The Christmas card from the Knafel's was a colored picture of son Tommy sitting in a little sports car. We do especially like these pictures of the children.

Class of 1957

Sylvia Baldwin is now Mrs. Murry Mills and has a son Arthur. Her address is R.F.D. 7, Box 564, Valley Mills, Indiana. Thanks to Anita (Thompson) who has kept in touch with the members of her class, we have the address of four who married dentists and have returned recently from service in the armed forces. Dr. and Mrs. (Janice Miller) George Compton, 7753 Beech Street, Hammond, Dr. and Mrs. (Betty Barr) Carl McKee, 104 Monroe Boulevard, Terre Haute, Dr. and Mrs. (Jeananne Wright) John Collins, 4601 West 28th Street, Indianapolis and Dr. and Mrs. (Jacqueline Muehlbauer) Gerald French, 812 Northfield Drive, Lebanon. Anita is working for the State Board of Health while her husband serves a residency on campus. The Johnson's live at 331 Meadows Court, Indianapolis. We also hear that Carol (Stump) Knox will soon move to Kalamazoo, Michigan and that Loretta (Massa) Redelman has joined her husband who is in the service in Virginia. Corine (Nowinski) Patton sent a nice newsy letter which included an interesting account of her husband's first political

venture. Better luck next time. Peggy (Fixel) Schwartz and son Paul are now living at 111 North F Street, Marion. The new address for Carol (Hoffman) Cecil and family is 1803 East 64th Street, Indianapolis. Dr. and Mrs. (Mary Ann Healy) Hogan will be back in Indianapolis in July as Dr. Hogan has accepted a residency in pediatrics.

I snatched this back from Mr. Phillips to add the following—Carol Knox, a girl, Julie Ann, on January 22nd and Anita Johnson, a boy, Carl Ronald, on February 4th.

Class of 1958

There have been several weddings in this class during the year. Ann Buche is now Mrs. Robert Spedding and is living at 440 North Winona, Apt. 502, Indianapolis. After a year at the University of North Carolina, Ann is working for the State Board of Health and is a clinical supervisor at school. Patricia Cox is now Mrs. Bronson Blackwell, 1421 Swinny Park Place, Apt. C, Fort Wayne. Josephene Gaunt is now Mrs. John Shumm, 5870 Village Plaza, North Drive, Arlington Village, Indianapolis. She is practicing part time. Judith Ann Haag was married to Phillip Carichoff. Her address is 1909 Berkley Drive, Valparaiso. Ann Smith is now Mrs. Thomas Beechy and is living at 330 North Berkley Road, Kokomo. Mrs. Charlotte (Tamler) Zuckenberg lives at 4112 Meadows Drive, Indianapolis. The very latest wedding was January 17 when Judith Ann Snyder was married to Frank J. Ranger III. They will live at 3531 North College Ave., Indianapolis. Carol Gutherie was maid of honor and we understand that Carol will have a wedding of her own in June and that Dr. Wulff is looking for another dental hygienist. Judith Becker has entered a convent. Her address is St. Lucy's Priory, 19045 East Sierra Madre, Glendora, California. We all wish Judy the

(Continued on page 37)

Division of Allied Sciences Created

The Division of Allied Health Sciences was created by the Board of Trustees of Indiana University on September 25, 1959. Several programs leading to a Bachelor of Science degree will be included under the new division.

TABLE OF ORGANIZATION

DEAN
SCHOOL OF MEDICINE
J. D. VanNuys, M.D.
DIRECTOR
DIVISION OF ALLIED HEALTH SCIENCES
Aaron L. Andrews

PROGRAMS

MEDICAL RECORD LIBRARY SCIENCE
Director—Miss Gertrude L. Gunn
MEDICAL TECHNOLOGY
Director—John L. Arbogast, M.D.
OCCUPATIONAL THERAPY
Director—Miss Patricia Laurencelle
PHYSICAL THERAPY
Director—Mrs. Frances Ekstam
PUBLIC HEALTH DENTAL HYGIENE
Director—Miss A. Rebekah Fisk
PUBLIC HEALTH EDUCATION
Acting Director—Mr. Aaron L. Andrews
SANITARY SCIENCE
Director—Mr. Harold S. Adams
X-RAY TECHNOLOGY
Director—John A. Campbell, M.D.

PROFESSIONAL REQUIREMENTS

BACHELOR OF SCIENCE PUBLIC HEALTH DENTAL HYGIENE

FRESHMAN YEAR (Recommended Courses)			
First Semester	Hours	Second Semester	Hours
English W101 Elementary Composition I	2	English W102 Elementary Composition II	2
Government G103 Introduction to American Government I	3	Government G104 Introduction to American Gov. II	3
English L102 Freshman Literature I	3	English L102 Freshman Literature II	3
Speech and Theatre S121 Public Speaking I	2	Sociology S161 Principles of Sociology	3
Chemistry C101 A Descriptive Survey of Chem. I	5	Chemistry C102 A Descriptive Survey of Chemistry II	5
Physical Education	1	Physical Education	1
TOTAL	16	TOTAL	17

SOPHOMORE YEAR

Dental Hygiene H100 Human Biology	4	Dental Hygiene H101 Human Biology	4
Dental Hygiene H104 Dental Anatomy	3	Dental Hygiene H108 Pharmacology and Therapeutics	1
Dental Hygiene H105 Chemistry and Nutrition	3	Microbiology J107 Microbiology for Dental Hygienists	3
Dental Hygiene H102 Dental Prophylaxis	3	Dental Hygiene H106 Preventive Dentistry	1
Sociology S309 The Community or recommended elective	3	Education P100 Introduction to Educational Psychology	3
TOTAL	16	Dental Hygiene H103 Clinical Practice	4
		TOTAL	16

JUNIOR YEAR

Dental Hygiene H203 Radiology	3	Dental Hygiene H210 Technical Writing	2
Dental Hygiene H208 Dental Materials	2	Allied Health H443 Public Health Education Methods	3
Dental Hygiene H204 Oral Pathology	2	Dental Hygiene H209 Practice of Community Dental Hygiene	2
Allied Health H301 Public Health Organization and Administration	3	Dental Hygiene H160 First Aid	1
Education P200 Child Development	3	Dental Hygiene H202 Clinical Practice II	5
Dental Hygiene H201 Clinical Practice I	5	Allied Health H321 Environmental Sanitation	3
TOTAL	18	TOTAL	16

SENIOR YEAR

Allied Health H304 Statistics	2	Allied Health H321.. Environmental Sanitation	3
Allied Health H440 School Health Education	3	Allied Health H445 Community Organization	3
Allied Health H442 Community Health Education	3	Allied Health H467 Public Health Field Practice	10
Psychology P234 Mental Hygiene	3	TOTAL	16
Speech and Theatre S223 Business and Professional Speaking	3		
Dental Hygiene H301 Clinical Experience	2		
TOTAL	16		

Library

Mrs. Mabel Walker, Librarian

Selected recent library acquisitions are listed below and may be borrowed by alumni.

- | | |
|--|--|
| Academy of Denture
Prosthetics. Nomenclature
Committee. | Glossary of Prosthodontic terms. 1st ed. St. Louis,
Journal of prosthetic dentistry, 1956. |
| American Museum of Natural
History, New York. Weyer,
Edward M., ed. Hahn, Fred-
erick L., art director. | The illustrated library of the natural sciences. New
York, Simon and Schuster, 1958. 4 vols. |
| American Physiological Society
(by) Gerard, R. W. (presi-
dent) | Mirror to physiology; a self-survey of physiological
science. Washington, 1958. |
| Applegate, Oliver C. | Essentials of removable partial denture prosthesis.
2nd ed. Philadelphia, Saunders, 1959. |
| Asimov, Isaac | The chemicals of life: enzymes, vitamins, hormones.
New York Abelard-Schuman, 1954. |
| Bancroft, Huldah | Introduction to biostatistics. New York, Hoeber-
Harper, 1957. |
| Boyd, William | An introduction to medical science; an elementary
text on pathology. 4th ed., thoroughly rev. Phila-
delphia, Lea & Febiger, 1952. |
| Boyd, William Clouser;
Asimov, Isaac | Races and people. New York, Abelard-Schuman,
1955. |
| Browne, Lewis | The graphic Bible; from Genesis to Revelation in
animated maps & charts. New York, The Mac-
millan Company, 1957. |
| Burrows, William | Textbook of microbiology. With the collaboration of
Richard Janvier Porter and James William Mould-
er. 17th ed. Philadelphia, Saunders, 1959. |
| Butler, John Alfred Valentine | Inside the living cell; some secrets of life. New York,
Basic Books 1959. |
| Christensen, Halvor N. | Diagnostic biochemistry; quantitative distributors of
body constituents and their physiological interpre-
tation. New York, Oxford University Press, 1959. |
| Clark, Henry B. | Practical oral surgery. 2nd ed., thoroughly rev. Phila-
delphia, Lea & Febiger, 1959. |
| Clark, Sir Wilfrid Edward
Le Gros | The tissues of the body; an introduction to the study
of anatomy. 4th ed. Oxford, Clarendon Press, 1958. |
| Conn, H. F., ed. | Current therapy; latest approved methods of treat-
ment for the practicing physician. Philadelphia,
Saunders, 1959. |
| Davidson, Francis, ed. | The new Bible commentary. 2nd ed. London,
Intervarsity Fellowship, 1954. |
| Eames, George F. | The practice of dental medicine. Philadelphia, The
S. S. White Dental Mfg. Co.; London, Claudius
Ash & Sons, Limited, 1899. |
| Faraday Society, London.
Randall, J. T., ed. | Nature and structure of collagen. New York, Aca-
demic Press, 1953. |
| Goldman, Henry Maurice,
et al. | An introduction to periodontia. St. Louis, Mosby,
1959. |
| Goldman, Henry Maurice, et al | Treatment planning in the practice of dentistry. St.
Louis, Mosby, 1959. |

- Goodrich, Edwin Stephen
Hawkins, Reginald Robert, ed.
Hodgman, Charles D., editor-in-chief
Ingle, Dwight Joyce
James, Glenn, ed.
Kilpatrick, Harold C.
Kruger, Gustav O., ed.
Meyler, L.
Moorrees, Coenraad F. A.
Morrison, Goldie Archanna
Muhler, Joseph Charles, ed.
Muhler, Joseph C. and Hine, Maynard K., editors
Nevin, Mendel and Nevin, Marshall I.
Paul, Lester W.; Juhl, John H.
Romer, Alfred Sherwood
Rutgers University, New Brunswick, N.J. Institute of Microbiology.
Bryson, Vernon, ed.
Schwartz, George I.; Bishop, Philip W., editors
Schwarzrock, Loren Harlan and Schwarzrock, Shirley Pratt
Shane, Sylvan Myron
Shapley, Harlow, et al., editors
Skillin, Marjorie E.
Society of American Bacteriologists. Breed, Robert S., et al.
Stebbins, Kathleen B.
Swenson, Merrill Gustaf and Terkla, Louis G.
Symposium on Fundamental Cancer Research, 12th, Houston, Tex., 1958.
Studies on the structure and development of vertebrates. New York, Dover Publications, 1958.
Scientific medical, and technical books published in the United States of America; a selected list of titles in print, with annotations. 2nd ed. 1958.
Handbook of chemistry and physics. 40th ed. Cleveland, Chemical Rubber Publishing Co., 1958.
Principles of research in biology and medicine. Philadelphia, Lippincott, 1958.
Mathematics dictionary. Multilingual ed. Princeton, N. J., Van Nostrand, 1959.
High speed and ultra speed in dentistry; equipment and procedures. Philadelphia, Saunders, 1959.
Textbook of oral surgery. St. Louis, Mosby, 1959.
Side effects of drugs. Amsterdam-New York, The Excerpta Medica Foundation, 1958.
The dentition of the growing child. Cambridge, Harvard University Press, 1959.
In the dentist's office; a guide for auxiliary dental personnel: hygienist, assistant, secretary. 2nd ed. Philadelphia, Lippincott, 1959.
Textbook of biochemistry for students of dentistry. St. Louis, Mosby, 1959.
Fluorine and dental health; the pharmacology and toxicology of fluorine. Bloomington, Indiana, Indiana University Press, 1959.
Conduction, infiltration, and general anesthesia in dentistry. 6th ed. Brooklyn, Dental Items of Interest Pub. Co., 1959.
The essentials of roentgen interpretation. New York, Hoeber, 1959.
The vertebrate story. 4th ed. Chicago, University of Chicago, Press, 1959.
Microbiology, yesterday and today. New Brunswick 1959.
Moments of discovery. New York, Basic Books, 1958.
Effective dental assisting. 2d ed. Dubuque, Iowa, W. C. Brown Co., 1959.
Handbook of balanced anesthesia. Baltimore, Lowry & Volz, 1958.
A treasury of science. 4th rev. ed. New York, Harper, 1958.
Words into type, a guide in the preparation of manuscripts; for writers, editors, proofreaders, and printers. New York, Appleton-Century-Crofts, 1948.
Bergey's manual of determinative bacteriology. 7th ed. Baltimore, Williams & Wilkins Co., 1957.
Personnel administration in libraries. New York, Scarecrow Press, 1958.
Partial dentures. 2nd ed. St. Louis, Mosby, 1959.
Radiation biology and cancer. Austin, University of Texas Press, 1959.

- Symposium on Wound Healing and Tissue Repair, New York, 1956. Patterson, W. Bradford, ed.
- U.S. Naval Dental School, Bethesda, Md.
- Vanderbilt University, Nashville. School of Medicine. Najjar, Victor A., ed.
- Wilson, John H.
- Wilson, Louis Round; Tauber, Maurice F.
- Wolff, Dorothy, et al.
- The world of learning. 9th ed. London, G. Allen & Unwin Ltd.; Europa Publications 1958-59.
- Wound healing and tissue repair. Chicago, University of Chicago Press, 1959.
- Endodontics. Washington, Bureau of Naval Personnel, 1959.
- Immunity and virus infection; symposium held at Vanderbilt University School of Medicine, May 1-2, 1958 and sponsored by National Foundation for Infantile Paralysis, Inc. New York Wiley, 1959.
- Partial dentures; a manual for students and practitioners of dentistry. Philadelphia, Leo & Febiger, 1957.
- The university library; the organization, administration, and functions of academic libraries. 2nd ed. New York, Columbia University Press, 1956.
- Microscopic anatomy of the temporal bone. Baltimore, Williams & Wilkins, 1957.

THESES

- Abdul-Ghaffar, Hashim Pretreatment of teeth with sodium fluoride prior to stannous fluoride application in the human. Bloomington, Indiana, 1959.
- Boyd, John Benjamin, Jr. The reactions of the subcutaneous connective tissue of Wister rats to implanted dental cements. Bloomington, Indiana, 1959.
- Fahim, Mohamed Said Ahmed Histologic study of bone repair in lathyrict albino rats. Bloomington, Indiana, 1958.
- Garner, La Forrest Dean A study of the posture of the tongue in individuals with normal occlusion. Bloomington, Indiana, 1959.
- Gregory, Worth Bagley The effect of insulin on the healing of bone wounds and soft tissue wounds in albino rats. Bloomington, Indiana, 1959.
- Hall, Charles D. Rat connective tissue reaction to implants of certain periodontal postoperative packs. Bloomington, Indiana, 1959.
- Nadal, Rafael A clinical investigation on the strength requirements of amalgam and the influence of residual mercury upon this type of restoration. Bloomington, Indiana, 1959.
- Swartz, Marjorie Louise In vitro studies on marginal leakage of restorative materials as assessed by Ca^{45} . Bloomington, Indiana, 1959.

New Periodicals—Domestic

- Animal Care Panel, Proceedings
- Chemical and Engineering News
- Logos (Bulletin of the National Hospital for Speech Disorders)
- Ney Technical Bulletin
- Pioneer (Library Bureau, Remington Rand Division, Sperry Rand Corporation)

New Periodicals—Foreign

- Académie Nationale de Chirurgie Dentaire, Bulletin—France
- Ilustre Colegio Oficial de Odontólogos y Estomatólogos (2.^a Región), Boletín de Información—Spain
- Revista Odontologica (Universidad de Santo Domingo)—Dominican Republic
- Universitas Medica—Colombia

Alumni Notes

by Mrs. Cleona Harvey, Recorder

Although preparing this column of alumni notes takes an appreciable amount of time, we are amply repaid by the many fine letters and notes that we get from you alumni. Apparently you do like to read news items about each other, and so we are pleased to collect the information and prepare it for publication. However, unless you send in notes of course I cannot write this article! Must remember that other people will like to know about YOU, so please send us some information. We are particularly desirous of receiving address changes!

This is the anniversary years for the classes of 1910, 1920, 1930, 1940 and 1950, so we hope that someone in each class is beginning to make plans to have a reunion during the State Dental Association meeting May 16, 17, 18. If we can be of any assistance to you by furnishing address lists, etc., please don't hesitate to write us. Other classes will also undoubtedly plan class reunions, and the same offer holds for them also.

We know that you would enjoy seeing your classmates, and if we can help you in any way in preparing for your reunions we shall be glad to do so.

The important news in my own household is that I was discharged from the hospital on February 15, having been assured that my operation has been successful. I want to thank all the alumni who were so thoughtful and to say that I appreciate very much all the cards, calls, flowers, etc. which I received.

And now for news of the

Class of 1892

It is with much regret that we inform the readers of this column of the death of our faithful alumnus and correspondent, Dr. Arthur T. White, who passed away in January, 1959.

Class of 1903

We have received a change of address for

Dr. Roy L. Bodine
B-38 Royal Oaks Manor
1763 Royal Oaks Drive
Duart, California

Class of 1909

Dr. C. W. Doyel, 6724 5th Street West, Bradenton, Florida, wrote last fall as follows:

"I should have corrected my address long ago because I enjoy the Bulletin always. . . I especially enjoyed this one because it had my Class of 1909. . . I retired from Hammond, Indiana, in 1948 and moved to Florida and built a home half way between Bradenton and Sarasota, the garden spot of the world."

Dr. I. Lester Furnas, 928 Silverado, La Jolla, California, has given us a new address for Cdr. James Lee Brown, 3834 Goldsmith St., San Diego, California.

Dr. D. W. Montgomery gives us the following change of address: 1722 Binney Drive, Fort Pierce Beach, Florida.

Class of 1913

We received a Christmas greeting from Dr. Raul N. Monerto, Havana, Cuba.

Class of 1915

We are sorry to inform you of the death of Dr. Guthrie P. Carr on February 4, 1960.

Class of 1926

Dr. H. K. Maesaka, 509 Olive Avenue, Wahiawa, Oahu, sent Christmas greetings.

We also received a Christmas greeting from Dr. H. W. Mason, 658 Fairfield Avenue, Indianapolis, Indiana.

Class of 1928

Dr. R. L. Van Voorhees, 8927 N. 8th Street, Sunnyslope, Arizona, writes that he is "retired".

Class of 1929

Dr. R. A. Grove, Box 27, Route 1, Schererville, Indiana, has been missing his Alumni Bulletin. We hope this new address will reach him!

Class of 1932

Dr. Harold C. Asher, 689 Black Oak Ridge Road, Wayne, New Jersey, writes,

"I can't help but marvel at the little note sent in by Dr. Harry W. Cawley of Hammond, Indiana, of the Class of 1909, 'I have reduced my working hours about one half—am feeling fine and hope to continue a few more years'—What a man he must be! He's been lookin' down the mouth for a long long time. . . they surely didn't make us fellows as good as they did in his time, because I have very strong doubts that I shall be practicing in 1982. More power to him!

"The only member of our class that I ever hear from is old "Nakamooch" (Nakamori). Every time "Nak" is in the states he comes to my house for a visit and I hear from him through the mail once in a great while, but the only time I see or hear from any of the others is each five years when we have our class reunions. I am a little too far away to come in contact with them otherwise.

"I want to thank you for the fine piece of work you and the rest of the staff of our school are doing to keep us informed about the activities and progress of I.U.S.D."

Also received a beautiful Christmas greeting from Dr. and Mrs. Nakamori, 908 North King Street, Honolulu, Hawaii.

Class of 1937

Dr. Richard F. Cutrera announces his new office address as 218 West Lake Street, Oak Park, Illinois.

Class of 1942

Dr. William Borman sends us the following letter from Dr. Bob Pickard, The Transport Co. of Texas, F.P.O. 824 Box 2, San Francisco, California:

"I just recently up and quit my private practice of ten years and took a job out here in the Pacific ocean. It has been a lot of work but I like it and hope to stay two years. I have no plans for the future as yet but will try possibly to go into a group practice in the States when I return. . . . Do you see any of the class? I believe Bill Lytle went to Arizona and Storch back to West Virginia."

Class of 1944

Dr. R. H. Anderson, 2415 Pierce Street, Hollywood, replied to a letter we had written to him as follows:

"You asked me to tell you when our new daughter (there is another sex?!) arrived. This is to inform you that Miss Janet Anderson arrived at Memorial Hospital, Hollywood, Florida September 19, 1959. She was proudly welcomed by her three older sisters Lynn (12) Peggy (11) and Nancy (4), Mother and Daddy. Janet is showing tendencies of taking after her Daddy—she is a good little girl."

Class of 1947

Dr. and Mrs. M. A. Tuckman, Fair Lawn, New York, sent Seasons Greetings.

Dr. and Mrs. Tom Boyd, 2212 Wheeling Avenue, Muncie, Indiana, also sent greetings.

Class of 1948

Dr. Robert H. Marlette, Lt. Col. 060102, 576th Med. Detachment, APO, 252, New York, sends the following message:

"After two years in Deutschland it's still difficult to think about Christmas before Thanksgiving; but Uncle Sam says the mail can't wait, so from the Marlette's one and all a Merry Christmas to you and yours.

"We really haven't gone native but as yet no itch to terminate our tour of duty. Despite the usual routine of eating, sleeping and working the highlights of our vacations are a constant stimulus for more of the same. Bob had a break in March when the Army flew him to Chicago to take the Oral Surgery Boards. It was fun to see the new cars and read the signs in English, but after passing the exams he was ready to return.

"We saw Paris in April and the guide-books are a drab comparison to the fascinating reality. Notre Dame, sidewalk cafes, lovers on the Seine, night-clubs, and fashion shops—the list is endless and the time too short. In August we tried the rugged life and our first experience at camping out was in the most rugged and interesting country we have ever seen. With our tent, canned food, sleeping bags and camping gear we struck out for Denmark, Norway, and Sweden. Within the next three weeks we sailed on five ships, pushed the Wagon over the mountains and fiords, fell in love with Oslo, swam on the beaches of Copenhagen and traveled over 3,000 miles. It certainly wasn't easy but an experience we'll never forget.

"Of course the children are getting older—merely catching up with us—and the big event at present is the loss of Sharon's pony tail. Now we realize we have two grown daughters. Rick is still the typical 10 year old and keeps us busy feeding his inexhaustable source of energy. Cheryl will be ready for college when we return to the states in "61"—tempus fugit.

"Hope this annual Christmas letter finds all of you in good health and sure looking forward to renewing old friendships and having a good visit when our paths cross again. Drop us a line when you can and the very best joy and happiness to you all in the forthcoming year."

Class of 1949

Dr. and Mrs. Ernst Rosenthal, also sent Seasons Greetings.

Class of 1950

Dr. Harold R. Dick, 200 South Street, West Lafayette, Indiana, wrote,

"My family and I have just returned from an 11,000 mile camping trip to Alaska. We drove the complete highway. We took about six and a half weeks. We visited several dentists in Alaska and I must say they have nice modern equipment and offices with large picturesque scenes as looking into a lake or bay with snow-capped mountains in background. One thing they do need and that is more dentists.

"We visited all the main cities that could be reached by car. We drove to within 50 miles of Arctic Circle then took a boat on up the Great Yukon. We did a lot of fishing and caught a little over 100 lake, brook and grayling trout. The streams and lakes are very beautiful. We saw many wild animals, moose, caribou, stone sheep, Dall sheep, black bears, wolverines, porcupines and numerous birds, ducks and geese. We were handicapped by bad weather most of our trip. It rained, snowed, hailed and very little sunshine. Our pictures were fairly good. We took about 420 35 mm. slides.

The salmon derby at Seward and Valdez was very spectacular along with the beautiful snow-capped mountains."

Class of 1952

Dr. George M. Houck has sent us a change of address to 2002 Kelton Avenue, Los Angeles 25, California, with the attached message:

"I am practicing dentistry with the V.A. at their Los Angeles Center which is one of the largest medical centers in the world, accommodating over 9000 patients. They have an excellent staff and consultant program of which I am proud to be a part. Many of my classmates are here in California. To mention a few: Dr. Eugene Applegate has a thriving private practice in West Los Angeles. Dr. Helm-

rick is practicing in Covina and Dr. Weatherholt is in San Jose.

"I appreciate receiving the Alumni Bulletin and being able to read all the changes that are going on at the school, and sometimes hearing about an old classmate."

Class of 1953

We received Christmas greetings from Dr. and Mrs. Wm. Crawford and family, 4233 East 38th Street, Indianapolis, Indiana.

We have also received Seasons Greetings from Dr. Henry Plaschkes, 2334 North Delaware Street, Indianapolis.

Dr. Robert W. Wagner sends us this change of address: 835 West 46th Avenue, Gary, Indiana.

Dr. and Mrs. Robert C. Johns,
3201st USAF Hospital
Eglin AFB, Florida

sent Christmas greetings—a picture of their fine family—and asked us to wish everyone of you a Merry Christmas. Dr. Johns says,

"I also still insist that the old I.U. School of Dentistry is the finest in the country, and this comes from someone who has sure been traveling in the last five years. I passed the Florida Boards this year and also just accepted a Regular Commission in the Air Force and hope to get a Residency in Oral Surgery in the near future."

Class of 1955

We wish to acknowledge Christmas greetings received from Dr. and Mrs. David T. Amos, 5201 West 22nd St., Indianapolis, Indiana, and from Drs. Ursula and Werner Bleifuss, 18786 San Quentin Drive, Lathrup Village, Michigan.

Also we received a most interesting greeting from Dr. and Mrs. Stuart Everard, 1405 Inglewood Court, Falls Church, Virginia. Dr. Everard writes,

"Practice in this area—one of the most rapidly growing in the U.S.—is more than a challenge. The demand is greater than the supply. Recently I had the pleasure of taking care of Senator Hartke of Indiana and his family who are living in this suburban area of D.C."

Dr. Charles D. Hall sent us a change of address to Suite 212, Rogers Building, 299 Alhambra Circle, Coral Gables, Florida.

Dr. Robert J. Kuhn also sent a change of address, 1235 Garden Street, Santa Barbara, California.

Dr. Gene E. Meyer has moved, too, his new address is 5395 Nebraska Way, Denver 22, Colorado.

They speak of calling the 1960s by some special name such as the "Significant Sixties" or something like; I believe we should call this class "Flittin' Fifty-Fives" (they are all flitting around so).

Class of 1956

Dr. Marvin Bernstein has sent us a change of address as follows:

Captain Marvin Bernstein,
U.S. Army Dental Clinic
Schofield Barracks
APO 957
San Francisco, California

Received Greetings from Dr. J. A. Christian, 3131 Northwestern, Indianapolis, Indiana, and also from Dr. and Mrs. Lou D'Angelo, P.O. Box 271, Groton, Connecticut, who write,

"Lou was transferred to the U.S. Coast Guard Training Station, Gordon Connecticut. He likes his work since he does all phases of dentistry here. We are buying a house in order to have a suitable place to live. I also registered for a course in Methods of Secondary Education and Practice Teaching. . . I have enjoyed the practice teaching in chemistry."

Received a beautiful greeting from Dr. Young O.K. Lee, who you all probably

remember was from Seoul National University, Seoul, Korea.

Dr. and Mrs. Rafael Nadal, 1709 Leon M. Acuna, Santurce, Puerto Rico, sent Christmas greetings.

Dr. G. B. Robinson sent a change of address to Suite 301 Citizens National Bank, Bedford, Indiana.

Class of 1957

Received a clever greeting from the entire Berger family, including Dr. Lloyd Delman, 723 East Main Street, Beech Grove, Indiana.

Dr. John J. Buyer sent this change of address:

P. O. Box 457

Francesville, Indiana

Dr. Laurence A. Gray, 2732 East State Blvd., Fort Wayne, Indiana, writes,

"After completing two years active duty with the U.S. Navy Dental Corps, I am establishing a practice of dentistry at this address."

Dr. and Mrs. William Lush, Calumet City, Illinois, are the proud parents of a boy born September 25, 1959. Dr. Lush is just out of the service and plans to take an internship in Oral Surgery. His service with Uncle Sam has taken him all over the world.

Dr. and Mrs. R. N. Myers write,

"Merry Christmas from Merry Old England. We are thoroughly enjoying ourselves over here and are also learning many of the English traditions."

Dr. Robert H. Owens sent Christmas Greetings from Louisville, Kentucky (Louisville General Hospital, 323 East Chestnut Street, Louisville, Kentucky). He also wrote us a few weeks before Christmas as follows:

"After a very satisfying year in Philadelphia I have returned to Louisville General Hospital. I am in my last year's Residency in Oral Surgery and will be finished June 30, 1960. It has certainly been an interesting three years, and I've

obtained a real education. The clinical experience has certainly been wonderful.

"My plans after June are not yet definite. I plan to take the Florida State Board next July—would like to practice down there.

"I hope all is going well with 'good old Indiana University.' I still appreciate more and more the wonderful education I received."

Dr. George Von Mohr sent Christmas greetings.

Class of 1958

Dr. Russell C. Boyd II has sent us the following change of address:

Dr. Russell C. Boyd II

1866 Florida Avenue

Homestead (A.F.B.)

Florida

He reports, "Things here are just great; we're in a brand new shiny clinic stamping out tooth decay right and left."

Dr. Hector Davila, San Juan, Puerto Rico, sent us Christmas greetings.

We have a new address for Dr. William C. Gillig: 1117 E. State Street, Ft. Wayne, Indiana.

And Keith D. McCavit reports that his address is General Delivery, Palmer, Alaska.

Dr. and Mrs. David L. Pearson have a new address: 156 West High Street, Mooresville, Indiana.

Dr. Govind Shankwalker sent best wishes of the Season from Sir C. E. M. Dental College, Bombay 8, India.

Dr. Alegria C. Zita also sent Seasons Greetings from 1357 Felina Paco, Manila, Philippines.

Class of 1959

Dr. Clayton E. Dunton sent a change of address:

Dr. C. E. Dunton

Box 49-S Star Route

Fort Walton Beach, Florida

Dr. and Mrs. James Grimes sent Christmas greetings from 107 Melody Lane, Trail Creek, Michigan City, Indiana.

We have a change of address for Dr. Laurence K. Hodge, to Naval Air Station Dental Depot, Navy #14, San Francisco, California.

We also received a Christmas Greeting from Dr. and Mrs. Theo Michaels (Michaelides), 4186 Washington Street, Roslindale 31, Massachusetts. Dr. Michaels also informs us that he took successfully the State boards in Massachusetts and Connecticut. He is at present practicing general dentistry in Roslindale, a town of Greater Boston. He also has an appointment at Harvard University Health Service.

Dr. Robert Walden advises us that his address is now 1847 Chatsworth Blvd., San Diego 7, California.

Dr. Walter Zabek also sends a change of address. His address is now P.O. Box 1944, Whiteman A.F.B., Missouri.

A letter from Dr. W. S. Mull, DC, USNR, Marine Corps Recruit Depot, P. O. Box 243, Parris Island, South Carolina, gives us news of quite a few of his classmates. . . .

"I can tell you where a few of your graduates have wandered. Bob Walden is out in California at San Diego Naval Base; he lives at 1847 Chatsworth Blvd., San Diego. Also heard from Kent Wilson (5010th A.F. Hospital E, Elson A.F.B., APO 937, Seattle, Washington). I thought I was in a God-forsaken area; he's 40 miles south of Fairbanks, Alaska. Whew! . . . I hope to look in on the school around the middle of December. Best regards to everyone."

Mrs. Walker shared with us a fine letter she received from Dr. Hala Zawawi, P.O. Box 849, Kuwait, ARABIA, and we thought you would like to share it with us. She writes,

"It is more than seven months since I've been back home and it feels awfully good. However, I miss all my friends at I.U. and I do hope that at least a few of you will one day make a trip to India and give me an opportunity to partly repay the wonderful hospitality I experienced during

my stay in the U.S. My best wishes to all my friends at school."

You all might be interested to know that Dr. Zawawi has obtained an appointment at a Government Hospital in Kuwait.

As usual, we are recording here for your information the latest addresses we have received, together with news items, from the

Class of 1927

An asterisk before the name indicates we did not receive an answer to our letter; if you know of the addresses of those for whom we have none, we shall appreciate hearing from you!

Herbert H. Abbott (Captain)

18300 Via Arriba
San Lorenzo, California

"Retired from U.S. Navy at Naval Air Station, Oakland, California, on April 30, 1958".

L. D. Arthur

2900 Avondale Avenue
Charlotte 9, North Carolina

Paul Asher

4345 Adams
Gary, Indiana

J. E. Beardsley

Cayuga
Indiana

*Franklin B. Beck

1211 W. Chestnut Street
Louisville, Kentucky

Eugene C. Bennhoff

Deceased

K. R. Brooks

570 Taft Place
Gary, Indiana

Ora DeLoss Burgess

Deceased

Herbert A. Busch

1101 West Green Street
Champaign, Illinois

*Glen G. Chambers
774 Broadway
Gary, Indiana

Frank E. Chowning
R.R. #5, Box 331
Indianapolis, Indiana

Eldred D. Cline
Deceased

Ewing J. Clinkenbeard
"Address Unknown"

C. C. Cook
R.R. #19, Box 115 Avalon Hills
Indianapolis 20, Indiana

James Woods Craig
Deceased

*Hobart A. Cress
24 W. Parkwood
Dayton, Ohio

*Walter Allen Crum
514 Main Street
Richmond, Indiana

*Forrest R. Dale
17 South Tompkins Street
Shelbyville, Indiana

James W. Davis
Deceased

Joseph L. Decker
1111 Northwood Drive, East
Brazil, Indiana

Arthur E. Denison
Deceased

Harold E. Drake
Morris Building
Lebanon, Ohio

Leonard S. Earhart
5690 N. College Avenue
Indianapolis 20, Indiana

*Chas. N. Erbaugh
Masonic Temple
Delphi, Indiana

*Delmar R. Faun
2212 E. Washington Street
Indianapolis, Indiana

M. L. Ferguson
Kenwood Place
Michigan City, Indiana

*Floyd B. Fouts
Rexall Drug Store Bldg.
Monticello, Indiana

David F. Freund
727 E. Chandler Ave.
Evansville, Indiana

Lyle E. Gant
8204 Westfield Blvd.
Indianapolis, Indiana

Lowell B. Gardner
3330 Irvington Blvd.
Fort Wayne, Indiana

Russell A. Gaunt
583 Broadway
Gary, Indiana

Frank E. Gaut
Deceased

Alvin E. Gesell
2820 2nd Street
Lubbock, Texas

Henry I. Gill
3967 Guilford Street
Indianapolis, Indiana

DuVern E. Graham
6814 E. Dexter Blvd.
Scottsdale, Arizona

Wm. E. Graham
1925 S. Main Street
Kokomo, Indiana

A. W. Hammelman
South Cale Street
Poseyville, Indiana

Warren Vance Hanson
407½ West 4th Street
Mishawaka, Indiana

Nathan Hantman
4927 N. Pennsylvania
Indianapolis, Indiana

*"I have moved my office from
Bankers Trust Bldg. to my home."*

*Philip B. Harris
P. O. Box 188
Van Wert, Ohio

James O. Hasler
Deceased

Arthur William Hellenberg
116½ So. Main Street
Mishawaka, Indiana
Home address—
R.R. #1, Box 11550
East Jefferson Road
Osceola, Indiana

*Alden E. Herrold
708 Jefferson
LaPorte, Indiana

Robert Hill
Yorktown
Indiana

John A. Hinshaw
Deceased

Ross DePew Hough
5 West 37th Street
Anderson, Indiana

K. B. Hudson
3023½ Mishawaka Avenue
South Bend, Indiana

A. M. Irion
119½ Northwestern Avenue
West Lafayette, Indiana

Don Irwin
6302 Guilford Avenue
Indianapolis, Indiana
"We need more Hygienists".

John L. Johnson
1510 N. 2nd Street
Vincennes, Indiana

*Marion Kelley
304 So. Main Street
Knox, Indiana

B. C. Kerkhove
Camden
Indiana

Virgil Norman Key
117 South Hart Street
Princeton, Indiana

Dwight C. Lamm
Deceased

John P. Landgrave
Deceased

Harry D. Leer
445 N. Penn. #904
Indianapolis, Indiana

Russell Lehman
Deceased

*Brinley R. Lewis
218 Iron Avenue
Dover, Ohio

Avon B. Libke
Scott Medical Building
Sullivan, Indiana

Edw. M. Lipetska
2125 So. Michigan St.
South Bend 14, Indiana

*Robert W. Little
105 E. 4th Street
Sheridan, Indiana

*Joseph Loselle
87 Mulberry Street
Wyandote, Michigan

Luther C. Lucas (Lt. Col.)
122 Peachtree Street
Elizabethtown, Kentucky

Jean W. McCullough
"Address Unknown"

*George W. McDaniel
222 E. Kirkwood Avenue
Bloomington, Indiana

Ralph M. Martin
115 W. Third Street
Mishawaka, Indiana

*Carl L. Menning
2516 N. Washtenaw Street
Chicago, Illinois

- J. H. Moden, Sr.
828 W. Washington Street
Napoleon, Ohio
- Joseph E. Morris
303 South Fifth Street
Decatur, Indiana
- Charles J. Nenneker
412 Southern Security Bldg.
Evansville, Indiana
- Carl Nichols
3714½ East 25th Street
Indianapolis, Indiana
- C. P. Obery
743 South East Street
Indianapolis, Indiana
- Paul R. Oldham
5115 Central Avenue
Indianapolis 5, Indiana
*"I am always interested in reading
the alumni bulletin. Reading about
friends and classmates takes me back
to when I was a student."*
- Charles A. Parks
Deceased
- Roscoe S. Parrish
Deceased
- Horace W. Pearsey
Deceased
- *James H. Rankin
1701 Lakeside
Cleveland, Ohio
- Mark H. Rice
1910 Wayne Avenue
Dayton 10, Ohio
- *Clinton G. Roads
9817 Lorain Avenue
Cleveland, Ohio
- *Beauford B. Rodefer
618 Sherland Bldg.
South Bend, Indiana
- Charles L. Routt
Deceased
- Newman C. Russell
Deceased
- Alex F. Scott
203 Rose Court
Muncie, Indiana
- *Robert Newell Seaman
6313 S. Ashland Avenue
Chicago 36, Illinois
- *Hilton P. Shanabrook
1169 Grant Street
Akron, Ohio
- Leo R. Shipman
Deceased
- Harry E. Slessinger
108 Electric Avenue
East Pittsburgh, Pennsylvania
- Ralph H. Slocum
471 East Main Street
Ventura, California
- D. R. Southworth
Darlington
Indiana
- Kenneth Sparks
Deceased
- Brentus A. Starcher
Masonic Temple Bldg.
Shinnston, West Virginia
- Frederick Stratton
Deceased
- *Lloyd M. Taylor
623 N. West Street
Indianapolis, Indiana
- Mary C. Turgi
506 J.M.S. Bldg.
South Bend, Indiana
- William F. Uraukar
151 Hialeah Drive
Hialeah, Florida
- Leon Van Proyen
Deceased
- James B. Walker
739 North Graham
Indianapolis, Indiana

(Continued on page 33)

Who's Who and Where ???

by Richard E. Jennings, D.D.S.

With this issue of the Alumni Bulletin we are inaugurating a new column to be edited by Richard E. Jennings. This column will be specifically devoted to activities and interests of our alumni throughout the world. The response to inquiries has been excellent and we are most appreciative of your co-operation. The general theme of the column will be apparent to you and we hope that you will feel free to send us any and all personal information.

Editor

Ever wonder what happened to those fellows you elected to do the senior class dirty work way back when? We've been doing a little digging and thought you might like to know.

VESPER C. WILLIAMS, President of the class of 1928 is practicing general dentistry in Toledo, Ohio. He has held all the offices of the Toledo Dental Society and is an active Shriner and 32° Mason. He and wife, Ednaearle, have two girls and one boy.

Being President of the 1933 class set RALPH H. MARLOWE up for a few more offices. He's been Master of his Masonic Lodge, President of the Board of Trustees of Plainfield, and President of the Board of Police Commissioners also. Ralph has one son.

It was hard to believe JOE FELKNOR, Vice-President of the '29 class was the guy in the picture—he's so well preserved! Joe has a boy and girl and lists two grandchildren as his main interest. He is doing general dentistry in Lafayette.

An especially proud father is PAUL S. SHEETS, President of the class of 1929. He and his wife, Evelyn, live in Kendallville, Indiana and have three lovely daughters. Paula graduated from the School of Pharmacy at Purdue University and Mary Evelyn is a certified dental hygienist from Indiana University and is now working for KENNETH CLEVELAND in Elkhart. Chris-

tine, age 13 is home keeping pop and mom company.

Practicing periodontia in Indianapolis is Secretary-Treasurer of the class of 1933, GILBERT D. QUINN. He and his wife, Betty, have a 19-year old daughter named Karen and Michael, their son, is 17.

Remember MARVIN DEWITT SMITH, Vice-President of 1931? He's practicing in Gary, Indiana and if not at the office, you'll find him and his wife, Mary, at their dairy and mushroom farm. They have two sons who are students in dental school. Fine way to bring up your children!

Interested in photography, maybe music, swimming, boating, water skiing, or archery? DENNIS A. WELP, President of 1942 has these hobbies plus many other interests—besides being an active member of a trailer caravan club. Dennis did post-graduate work at the University of Illinois and now is doing general dentistry



Dr. Joe B. Felknor



Dr. Marvin B. Smith

in Jasper, Indiana. He and Wanda have two sons.

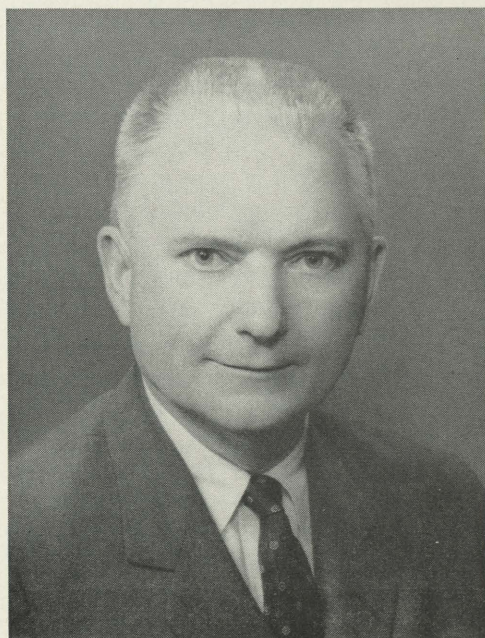
CHARLES L. HOWELL, President of the class of 1946 is "up to here" in public health problems. While acquiring a fine national reputation and working with the dental groups around Indianapolis, Chuck manages to also work hard in his church. He and Ruth have two children, Carney and Susan. Chuck studied at Johns Hopkins University where he received his M.S. degree.

One of the most interesting men we've come across in quite a spell is FLOYD LYTLE, President of the 1930 class. His only child, James, is a senior at Ohio State University, School of Dentistry and Floyd and his wife, Margaret, have been grandparents for eight months. Floyd is an active member of over 12 different dental associations and has certainly contributed much to dentistry. He has participated in clinics and talks on periodontia in Chicago, Miami, London, Rome, Mexico, Atlantic City and Frankfort, Germany, to name a few. Are you impressed? We sure are.

A civic worker and church elder and trustee is HAROLD S. JONES, Secretary-Treasurer in 1934. Harold has two boys and keeps busy at home taking care of two acres of grass. His wife, Anna Mae, won the Tri-Kappa prize for her oil painting at the Hoosier Art Salon this year. Harold reports that when she becomes another Grandma Moses, he's going to retire and let her keep him.

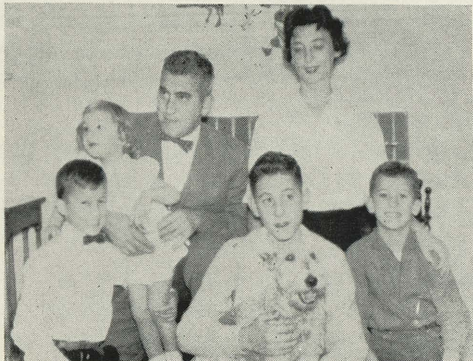
RALPH GIERINGER, President of the class of '35 informs us that a 25th Reunion is being planned for May 15 here in Indianapolis. Ralph will be coming over from his home in Cincinnati where he belongs to the local dental societies, is active in the Methodist Church, has served on the YMCA Board, and is Past-President of Kewanis. Since photography is one of his hobbies, he no doubt carries pictures of his lovely wife and their three children.

Another Reunion! The Class of 1945 is having a get-together at the May meeting reports JOHN H. STENGER, Secretary-Treasurer of that year. Jack and Melvena are the proud parents in the picture. Left to right, Scott, Maribeth, Jack Sr., Whiskers, Melvena, and Andy. Jack does general



Dr. Floyd E. Lytle

dentistry and lives in South Bend. Besides being active in local dental organizations, he is on the Board of Directors of the American Academy of Physiological Dentistry and is Vice-President of the Denture Research Group of Chicago.



Dr. John H. Stenger and family

RICHARD H. HOWARD, President of the 1940 class sets an example for us all. He and Dorothy are very active in the Hope Church and Dick gave literally weeks of his time to aid in the Billy Graham Crusade held in Indianapolis last fall. In his dental practice he specializes in men, women and children. Can you top this? He and DOYLE PIERCE are co-owners of their dental building and Dick shares an airplane with ROLENZO A. HANES. Dick has two teen-aged daughters.

Most of us keep up to date in dentistry by reading and taking courses but we hear PHILIP P. HAFT, Vice-President of the 1935 class is one of our more rounded members (no pun intended). His studies include business, preventive orthodontia, oral orthopedics, crown and bridge, etc. Golf and gin (rummy, that is—he's not the drinking type) take up part of his time. Phil's on the Board at the Temple Emanuel and is active in many other organizations. He and wife, Dorothy, live with their daughter, Karen, in Paterson, New Jersey.

In Fort Wayne you'll find JEAN W. SPEAR, Secretary of the '43 class. He and Ruth have three children, Barrie, Ann and Margaret. Jean served in the Navy and interned at the Zollner Clinic in Chicago.

He is active in Kewanis, Shrine and Scottish Rite.

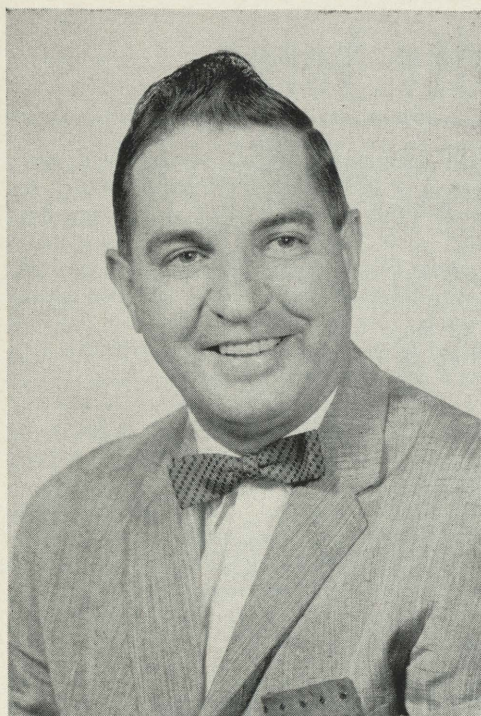
LE ROY SACKS, Secretary-Treasurer of the class of 1935 no longer does any oral surgery or children's dentistry. He complains of yard work but our spies report of seeing his 16-year old son, Danny, mowing all four acres—alone. Le Roy, Ethelen, and Danny live on a lake near Traders Point and he practices in Indianapolis. He put his height to good use and helped found the Murat Highlanders and is active in the Masonic Lodge, Scottish Rite, Shrine and Jesters.

We saw ELDO H. SCHOENHERR, President of 1944 and his lovely wife, Maxine, and their two sons at a cold, wet football game at Indiana this fall. That's bringing the kids up right! Eldo practices in Fort Wayne and is active in Kewanis and his Lutheran Church. Hobbies include woodworking, gardening, and summer fun at Clearlake.

Down in Evansville EDWARD A. BROMM, President of '44 has a general practice. He and Ruth Ellen are proud parents of Robert and Mary Ellen. Ed is active in the local dental society, Masons, Scottish Rite, Shrine, and Elks. He took an accredited course in hypnosis and we hear he's using this to "mesmerize" the fish in the local ponds.

MARION A. SHAW, Vice-President of 1940, is practicing in Lebanon, Indiana. He and his wife, Eunice, are parents of two girls and two boys. Marion is on the Board of his Methodist Church and he socializes at the Masonic and Elks Lodges. They golf at that fine Ulen Country Club. To keep his general practice in good shape, Marion has taken courses in prosthetics and children's dentistry.

The Secretary for the class of 1940 was JOHN DAVIDSON, who did postgraduate work at Ohio State. Now he, wife, Arleen, and their girls and boy live in Elkhart, Indiana. John specializes in oral surgery and contributes much to the various oral surgery associations.



Dr. John E. Davidson

Up in Plymouth, Indiana you'll find ROY POWNALL, Vice-President of the class of '38 doing general dentistry and keeping up with the times by taking courses in hypnosis, amalgam, operative, equilibration, prosthetics, and practice management. His wife, Wanda, and their two daughters share Roy's enthusiasm for traveling.

From Jeffersonville, Indiana we hear that WILSON EARL PRENTICE, Vice-President of 1939 and his wife, Rosemary, are an active and popular couple. Amalgam fillings and his second love—real estate—share time with flying, gardening, woodworking, and old and new automobiles. Spare time is given to Elks, Army Reserve, Cancer Society Board, and, of course, church.

Notice these notes. . .

We were proud to find that 95 per cent of our boys are active church members—leaders in their communities in every way. Traveling is usually mentioned by most dentists. Guess we all enjoy those tax deductible conventions! As an active

sport, golf continues to stay ahead with fishing a way back second. What else can we do with "Ike" and "Cary" leading the way?

Isn't it interesting to find that all your old buddies have settled down, found a girl who would have them, and seem to be enjoying life in general? Kinda gives one a glow, doesn't it? While fond memories filter back, we'll depart to start our research for next issue. Remember, be sure and read—it could be YOU!

NEW FACULTY

(Continued from page 10)

At that time he joined the faculty of Loyola University School of Dentistry, New Orleans, and served as Associate Professor and Head of the Department of Crown and Bridge Prosthodontics until August 1, 1959.

He is a member of the Louisiana State and American Dental Associations, the American Academy of Crown and Bridge Prosthodontics, Southeastern Academy of Prosthodontics, Omicron Kappa Upsilon, and Psi Omega.

DEAN HINE REPORTS

(Continued from page 14)

books, and scores of cards, letters and telegrams.

Mrs. Hine and I were overwhelmed with the many flowers, expressions of concern and best wishes which we received from alumni and friends. For all this we are most grateful and thankful; they were certainly helpful.

ALUMNI NOTES

(Continued from page 33)

Lawrence L. Wolfe
Deceased

Alton G. Williams
Box 916
Versailles, Indiana

*Arthur A. Wright
2250 Wabash Street
Terre Haute, Indiana

Class and Fraternity Notes

FRESHMAN CLASS

The mouth in its entirety is a wondrous and important part of our anatomy, life and emotion. It is our means of communication in speech; in expression of love, of laughter or joy, anger, sorrow and even happiness or ill temper. It is the site of our very being. As freshmen just ending our first semester in profession school, the path to becoming guardians and re-creators of the mouth seems filled with the brambles of a new language, foggy in new concepts and visualizations. Too many of our carved plaster teeth resemble "potato mashers and frog sticks"—the occlusal view of a molar includes "three oranges and a butterfly." In taking our first impression of each other, there were some exceptional uvulas. And microscopic examination of the organs seems more like Rorschach interpretations of the mind.

But the door to the wondrous profession is beginning to open. How could one help but receive inspiration when listening to the reports given in Dr. Johnston's class on contemporary outstanding men in dentistry. Many of us have the opportunity to be a working part of biochemical research under Dr. Muhler. And the sense of real satisfaction comes when Dr. Wilson says, "Boy, that's the best piece of work I've seen today."

Leading us this important first year:

President—Ted Fullhart

Vice-Pres.—Dick Fox

Student-Council—Frank Miroff

Treasurer—John Mayhall

Secretary—Cynthia Shellburne

The Class Blow-Up Party was held at the Plantation Club just before finals—and now all 85 heads are bent over the books. We're proud to be part of this school—and of this profession—in the bright new decade of 1960.

Cynthia Shellburne

SOPHOMORE CLASS

With the September issue of 29 pounds of textbooks greeting the sophomore class, embryological dentists envisioned a year of academic activity comparable to the previous year in which the September issue tallied 21 pounds of text materials. Needless to say, this is proving true. Increased number of courses is being accompanied by more hours in the classroom

and laboratory. Clinical dentistry and application of basic sciences are beginning to come more to the forefront. Part of the class have had their first patient (full denture) with various forms of butterflies as companions in the new endeavor in the clinic. As one faculty member put it, "... we never had 'em this green in the clinic before," but successful progress appears in the making.

Socially, the activities of the class have included a Christmas dinner-dance held at the Knights of Columbus Hall, stags, and supplemental fraternity, Dental Dames and other organizational functions. Participation and interest on an individual level in class projects, business, and functions have made for more personal relationships within the class.

Class officers this year are: Dick Rollins, president; John Neville, vice-president; Bill Schultz, treasurer; Jim Bales, secretary; and council members Bill Hohlt and Jim Shupe.

Dick Rollins

JUNIOR CLASS

On October 12, 1959, the 64 members of the Junior Class held their first meeting of the fall semester. At that time election of class officers was held. The new officers are: President—William Rubach, Gary; Vice-President—Donald Tyler, Indianapolis; Secretary—Treasurer—Daniel Weaver, Connersville; and Student Council Representatives — Arnold Wuebbenhorst, Fort Wayne, and Robert Ricci, Logansport.

At the time of this writing, final examinations are swiftly approaching and the anxieties of the juniors toward the clinic are dissipating with equal ease. All members have acclimated themselves to the newness of the clinic, with some reservations, and anticipate an even more productive spring semester.

The class officers are presently undertaking the planning of a spring dinner-dance. In addition, hopes are high that some form of recreational activity can be organized. Among these are a bridge tournament and a golf or swimming party. At present, the class has organized a basketball team and will participate in a Dental School Round Robin and the approaching Medical Center Elimination Tournament.

Bill Rubach

SENIOR CLASS

As the senior class of 1960 we were indeed eager to assume the classification or designation "senior," but not the long list of requirements necessary to maintain this position. We are now all aware that a little knowledge can be dangerous and that as one seeks the truth or answers to one question he finds more and more questions to be answered. We certainly are not enthusiastic about class meetings or functions anymore. Maybe it is because we don't have the time as well as the interest. Most important, however, is the fact that we all have more important things on our minds, such as: Where can you get gold foil patients? Will I be finished by June? Where will I practice? Like all previous classes, we too feel that the new requirements we have make it tougher for us than any other previous class.

The newly elected class officers are: Robert Spedding, president, Robert Gayle, vice president, Richard Elzay, secretary, and Lon Rooksby, treasurer. The student council members are Ray Macsaka and Joseph Minnis. The class as a whole is very anxious to complete this year. It will certainly be pleasurable for all of us to start repaying our debts and to live in a positive manner once again.

The 1960 class is indeed diversified in its individual ambitions and desires professionally. Of course, there are many in our class who wish to go directly into private practice. There are those desirous of going into research and graduate school, while there are others interested in various internships and training in all the specialties. The number of men going into the armed forces is minimal this year for most of the class has previous military experience and Uncle Sam is not too eager for the rest of us at this time. We must not overlook the fact that we have two women in our class. They are Dilia Rieser and Carolyn Sewell.

In many ways we all have to be thankful for—and perhaps only after graduation will we be able to appreciate the splendid education and training that we've received here at I.U.S.D. There is very little that can be safely said for us or by us at this time as attested to by the old Proverb;

"If one gives answer before he hears,
it is his folly and shame."

(proverbs 18:13)

Richard P. Elzay

ALPHA OMEGA

Alpha Omega is the Jewish Dental Fraternity on the Indiana University Medical Campus. Founded in 1928, Alpha Gamma

chapter has continued down through the years as a brother-hood linking our four basic principles: Education, Professionalism, Judaism and Fraternalism. "Harmonia, A'mor et Veritas" is our motto; dentistry is our common bond.

Working in close association with the graduate study group, Alpha Gamma has benefited greatly from their programs and guidance. We have had the opportunity to hear speakers from various walks of life, on subjects varying from public speaking to crown and bridge. We feel these talks help broaden our dental education and our outlook on life.

Officers for the year 1959-60 are as follows: Bernard Newbauer, president; Myron Kasle, secretary; and Michael Gross, treasurer. We are again fortunate to have Dr. William Borman of Indianapolis as our chapter advisor. Dr. Philip Fogel, Indianapolis, is the fraternity's district regent.

During the past year, we have almost doubled our membership. This increased membership affords us an opportunity to enlarge our facilities and our social program. At least one social affair per month is planned for the coming year. Alpha Gamma is proud to announce that plans have been made for new laboratory facilities. Laboratory facilities will again be available to our members within the coming year.

With our new laboratory facilities, an enlarged social program and continued guidance from our graduate chapter, Alpha Omega will proudly take its place among the fraternal organizations on our campus.

Bernard Newbauer

DELTA SIGMA DELTA

This school year is racing along and the end is surprisingly near. Even with the invasion of insurance peddlers and dental supply salesmen, we are still managing to slowly cut down those graduation requirements.

The Delta Sigs have been leading a rapid pace this year too. A well organized rush program, Robert Ricci chairman, netted us with the best, well-rounded group of pledges (24) from the Freshman Class.

Thanks to Dr. Floyd Hale and the local alumni support, we were able to continue our annual improvements on the house. This year so far we have painted the living room, card room, stairway, and a considerable part of the second floor, plus having all the drapes cleaned. The TV room has been completely refinished; compliments and many thanks to Dale Miller. The only trouble with the TV room now is that there is no TV set! How about it alumni?

The rejuvenated Delta Wives' club has been quite active this year. Without the wives' help, nothing around the chapter house would have that "extra touch". I hear that they are making new plans for future surprises. Watch out Delts; they might be looking for cheap labor!

Cooperation and enthusiasm have been exceptional among our members this year on all projects and social functions. The juniors and sophomores have been working the most with the seniors trailing behind and the freshmen still learning the ropes. I hope this is the beginning of new era for our chapter.

Soon the reins of leadership will be given to the juniors, following the February election. I'm sorry that the new officers' names did not make this issue.

One last thought: We'll have only one senior graduating with a status of SINGLE. Tough luck, Harvey; or should I say good luck!

Richard W. Henry

PSI OMEGA

The Omega Chapter of Psi Omega Fraternity has enjoyed a very successful year with many fine social activities, many house improvements, and a thorough rush program.

Many of the brothers have contributed to the activities and the fraternity life of the Omega Chapter. The officers for the past year have been Marv Schmidt, Grandmaster; Dave Leyda, Vice-President; Dale Steele, Secretary; and Joe Minnis, Treasurer. Our deputy counselor, Dr. Lloyd Phillips, has taken an active part in our efforts toward improvement in our fraternity and the field of dentistry.

We are still located at 1325 West Michigan, and the sound financial structure of the chapter will enable many more years of growth and prosperity.

The summer activities were highlighted by the \$2000 major house improvements including painting, remodeling, re-wiring the house, and improved laboratory facilities. We are fortunate to have more single men living in our fraternity and annex than the other fraternities. Constant improvement in fraternity life is our most important challenge.

The beginning of school brought many new faces in our freshman class at Indiana University School of Dentistry. During the fall our rush program was most thorough with "grill-out" noon lunches, informal afternoons of football, basketball, horseshoes, etc., and the stag parties. Evening "out-of-doors" hamburger fry, house buffet dinners, and happy evening dances at the house.

As fraternity rush is completed for the year, we are very proud of our 25 freshmen pledges. They are: Joab Badell, Robert Bartels, Eugene Dellinger, James Edwards, Eugene Eggers, Richard Fisher, Richard Fox, William Foy, Duncan Gosling, Hubbard Houghland, James Hurley, Rod Kirchoff, Jerry Lambert, John Hayhall, Steve Michael, James Myers, Nick Narcowich, James Neafus, John Nyberg, Ron Oberle, Richard Osburn, Edward Robertson, Robert Rock, Pete Rucinske, and John Sandlewick.

We have met regularly for chapter meetings with interesting outside speakers and/or educational entertainment along with an evening of refreshments. Our monthly social functions have been most successful and much credit should be extended to our social chairman, Pete Reibel and his committees.

Our annual alumni-active Winter Dinner-Dance at Meridian Hills Country Club was one of the largest in the last few years. It was good to see the interest and enthusiasm by our alumni.

We could not overlook acknowledging our active wives' organization. They meet monthly and they have helped with decorating many of our social events. They have given drapes to the house and are currently making a large round "Mosaic" tile coffee table for the living room. Their annual dance for the chapter is in February.

Twenty-two seniors are actively making post-graduate plans. Those seniors graduating are: George Bulfa, Jerry Cartmel, Michael Conway, Stuart Ewbank, John P. Farmer, Robert Gayle, William Gordon, Richard Hembroff, W. David Leyda, W. Richard Leyda, John Like, Joe Minnis, Donald Nesler, Don Norwood, Don Oljace, Edward Pfafflin, Jack Portzline, William Potucek, Peter Reibel, Marvin Schmidt, Reece Townsend, and Robert Woodburn.

There are many more spring activities approaching. We will be participating in an inter-fraternity dance in March, and then we look forward to initiation, and the Psi Omega Senior Banquet. Chapter elections will be held soon and we wish the incoming officers a very interesting and profitable new year.

Marv Schmidt

XI PSI PHI

The Theta Chapter of Xi Psi Phi has had a very successful first semester. The rush program was very active and as a result we added 19 fine pledges to our roll. The men pledged were J. Thomas Bohnert, Charles Bond, Ronald Copeland, Thomas Doty, Frank Faunce, James

Ford, Arnold Grindle, Ronald Harless, Charles Hayes, Sam Heltzel, James Hornberger, Alfred Knable, David Lind, David Lux, Ronald Patterson, William Risk, Robin Roberts, Harold Rogers, and Billy Witter.

Thanks to the cooperation of the alumni the house can boast of the finest fraternal dental laboratory on campus. Six new dental engines and a new vibrator have been added. Through the diligent work of a few of the activities and pledges this summer the laboratory was completely revamped. The attractive and well equipped lab played an important role in our rush program.

December 4, 1959 an impressive formal initiation was held in the Student Union Building for nine men. This was followed by an informal stag, an extremely successful dance. The new members are Joseph Cortese, James Ford, Hank Garoutte, David Hollingsworth, John Kail, Alfred Knable, David Lux, Eugene Rumas, and Ralph Wyand.

The social events have included several stags and group trips to Bloomington for two football games followed by informal parties at the fraternity house.

The active chapter is looking forward to Tuesday night, January 12, 1960, when they will meet the alumni who will be in town for the Indianapolis District Dental Society meeting. A special dinner is scheduled at the Indianapolis Athletic Club where some of the outstanding alumni will be honored and will receive a Certificate of Merit as a token of appreciation for the many services they have rendered Theta Chapter. The following alumni will be acknowledged: Lant R. Clark, 1923, Indianapolis; Byron DeaKyne, 1924, Fortville; Fred G. Heimlich, 1931, Indianapolis; Gerald Hiatt, 1915, Indianapolis; Orin Luse, 1924, Fortville; J. Robert McKay, 1947, Vevay; E. A. W. Montgomery, 1925, Evansville; Gale R. Oldham, 1929, Martinsville; Paul Oldham, 1927, Indianapolis; W. D. Peet Sr., 1908, Indianapolis; Paul Risk Sr., 1920, Lafayette; Edward D. Sell, 1923, Fort Wayne; John Stone, 1950, Indianapolis; E. E. Waddell, 1919, Lafayette; and Russell Whitmore, 1944, Macy.

A dinner-dance is scheduled for Sunday night, May 15, 1960, for the actives, alumni and their wives who will be in town for the May meeting. This is the first of what we hope will become an annual Sunday night activity. The place, time and other details will be distributed to the alumni at a later date. Dr. Walter J. Dean, President of the Indiana Alumni Association, also wishes to extend an invitation to the second day of qualifications

for the 500 Mile Race to all of the Xi Psi Phi alumni who are in town. Those who are interested should contact Dr. Dean.

Indiana was well represented at the recent national convention held in Columbus, Ohio. The alumni were represented by Dr. Walter J. Dean, president; Dr. Byron DeaKyne, vice-president; and Dr. Paul R. Oldham, secretary-treasurer. The actives' representative was Leroy Kochert, president.

At our last business meeting elections were held and the following are our new officers: President—Paul I. Lew, Vice-president—David Hollingsworth, Treasurer—James Hurst, Secretary—David Lux, and Editor—Ralph Wyand.

Ralph E. Wyand

DENTAL HYGIENE

(Continued from page 16)

best of luck. Janis (Baird) Bargemeyer has joined Dr. Bargemeyer at his new station, AO 3091613, Flight Surgeon, Tinker Air Force Base, Oklahoma. Jacqueline (Zumbrun) Henninger has a daughter Lori. Dr. and Mrs. (Marjory) Urschel are living at 315 So. 50th Street, Philadelphia, Pennsylvania. Dr. Urschel has a residency in oral surgery at the Graduate School of Medicine. Ann (Reibel) Pugh and her husband have returned to Indianapolis and are living at 4431 Mitchener. Ann is associated in practice with her father. The engagement of Patricia Ann Nienaber to Gerald Oberfeldt has been announced but no date has been set for the wedding. Pat is the President of the newly organized Central Indiana Dental Hygienists' Association which includes hygienists within a 50 mile radius of Indianapolis. Donna Doss is very enthusiastic about her work in Denver. She is planning a February wedding.

Class of 1959

Some of the members of our last graduating class have also been busy with wedding preparations. Judith Shank is now Mrs. Robert Butler, 350 W. Berry, Fort Wayne. Karen Dreier was married

to Robert Hubbard on December 27. Carole Temme is Mrs. W. Richard Leyda, 440 North Winona Street, Apt. 517, Indianapolis. Norrene Martin is Mrs. Peter O'Malley, 1016 Clover Street, South Bend. The engagement of Linda Swihart to Dr. George Von Mohr, a graduate student in Crown & Bridge, has been announced. Christy Kay is the name of the daughter of Karen (Hueston) Woempner.

As for the news around school we have a new dental hygiene office in the room which was the first floor laboratory. The construction of the new building has been at a standstill due to the steel strike and also to a strike of some of the construction workers. We hope that it will be completed in time for the opening of school in September. If we are assured of additional clinical and laboratory facilities we will take a larger dental hygiene class than we usually do.

In the near future you will receive a letter from the Indiana University School of Dentistry Alumni Association inviting you to join the organization. We have made several unsuccessful attempts to organize the dental hygiene alumnae. Due to the small number of our graduates as well as to the fact that they are scattered all over the country it has not been possible to enlist enough to compose a group. The Indiana University School of Dentistry Alumni holds an annual two-day meeting on the Bloomington Campus the fall of each year. This meeting consists of a scientific and an entertainment program. For the scientific session speakers are engaged to present contemporary problems of interest to the profession. The entertainment consists of a dinner and theater party on Friday evening and a luncheon and football game on Saturday. When a sufficient number of dental hygienists have become members they will be able to have meetings and social activities for their own group. It is the purpose of this organization to establish a wider fellowship between those who practice and those who

teach and a closer relationship between the faculty and graduates of the School of Dentistry and Indiana University. I hope that you will all join this fine organization and take part in its activities.

THE PATIENT

(Continued from page 6)

duced by simple grinding and polishing of the enamel; or, if really excessive, then by changing the crown contours with the aid of partial or complete crowns. This latter treatment may have been ordered already by excessive caries condition, or by malposed or malrelated teeth. Case study, too, may have revealed the need for tooth preparation to receive "occlusal rests". In a caries-free mouth, these may be cut into the natural tooth substance, but here again, the close intercuspation of the teeth in closure may be such that grinding of the tooth will invade the dentine to provide adequate space and the use of metallic restorations, preferably gold inlays, may be indicated.

In a few cases, the simple grinding of the opposing cusp will often provide the added space needed for the "rest". Observation of many partials reveals that their failures may be directly traced to loss of the occlusal rest. Actually, many times, due to their fragility in their original conception they have actually been "chewed up" by the patient in ordinary process of mastication. While adequacy of bulk insures their strength, it is equally important that the direction of the lug seat be such that in the seating of the denture in function and deglutition its force should be within the long axis of the tooth. Designing of the occlusal rest to accomplish this purpose can be done best if it is located within a custom-built metallic restoration. Recognition of prematurities in the occlusion should come early in the treatment plan and occlusal equilibration should precede other consideration.

PROGRESS REPORT

(Continued from page 8)

The fifth and last group includes the medical and nursing students, the interns and residents. An attempt is made to better acquaint these people with the importance of good dental health. This is important because those individuals will first see the child and are in a position to recommend the maintenance of adequate dental health. It might be added that there is an excellent working relationship between the dental clinic and other medical departments of the hospital.

Our expanded facilities have enabled us to increase patient load, as indicated in Table 1. With this increase, more material for teaching and research is available as well as obtaining and maintaining better dental health for these patients.

Table 1
Riley Dental Clinic

Year	Number of Patient Visits
1954	1100
1955	1287
1956	1471
1957	1575
1958	2130
1959	2683

Some of the types of patients, in order of frequency, that are seen in the clinic are cleft-plate, cerebral palsy, cardiac, orthopedic and hemophiliac.

The patients accepted for treatment in the clinic receive full-mouth care including X rays, restorative, preventive and surgical procedures as well as space maintenance and interceptive orthodontics. The rubber dam is used routinely in operative procedures.

A great deal of importance is placed on patient and parent education. This includes such things as proper brushing techniques and the importance of a well-balanced low refined cholesterol diet. An explanation is made concerning the dental procedures that are necessary and their importance.

(See Fig. 5 on next page)

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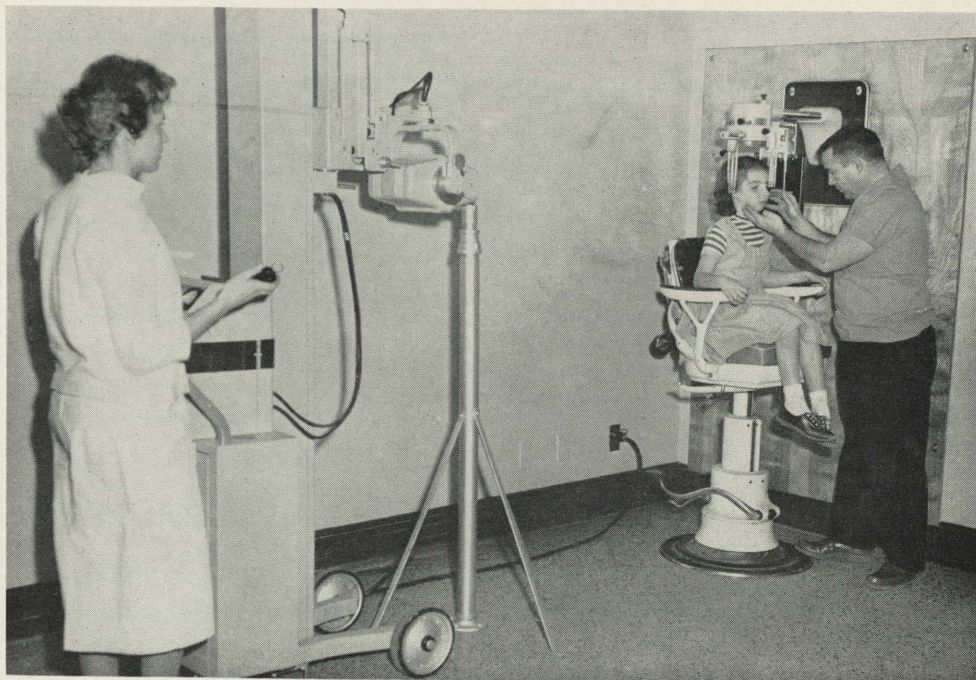
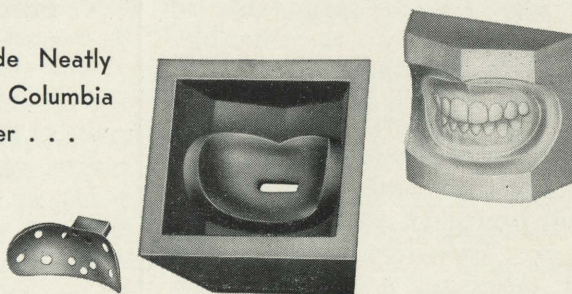


Fig. 5. Cephalometric equipment. Mrs. Marjorie Frank and Dr. John Mink taking cephalometric X rays.

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