Bulletin of INDIANA DENTAL COLLEGE DEPARTMENT OF DENTAL SURGERY University of Indianapolis



Fortieth Session Nineteen - Nineteen - Twenty

BULLETIN of Indiana Dental College DEPARTMENT OF DENTAL SURGERY

University of Indianapolis

Nineteen-Nineteen FORTIETH SESSION Nineteen-Twenty

UNIVERSITY OF INDIANAPOLIS

(1) DEPARTMENT OF LIBERAL ARTS. Butler College, situated in the classic suburb of Irvington. A splendid teaching institution with an unsurpassed faculty, giving the student refined and pleasant surroundings.

(2) DEPARTMENT OF LAW. Indiana Law School, Law Building, Indianapolis. One of the best known institutions in the Middle West, with a splendid faculty and unsurpassed facilities for court practice.

(3) DEPARTMENT OF DENTISTRY. Indiana Dental College, 11 West North Street, Indianapolis. Recognized as one of the leading colleges of America, with splendid faculty and teaching facilities. The clinic is drawn from a population of between 300,000 and 400,000, including many surrounding towns and villages. The students have opportunities for every class of practice.

THE FACULTY

ROBERT TODD OLIVER, D. D. S	urgery.	France
FREDERIC R. HENSHAW, D. D. S., Dean Professor of Operative Dentistry and Oral Hygiene.		College
GLENN J. PELL, D. D. S., Assistant Dean Professor of Materia Medica and Therapeutics.	The	College
HOWARD R. RAPER, D. D. S. Professor of Roentgenology. On leave of absence.	The	College
JOHN N. HURTY, M. D., Phar. G. Secretary State Board of Health, Pofessor of Chemistry and M on Preventive Medicine.		e House
WILLIAM E. KENNEDY, D. D. S	Hume-Mansur	Building
CHAS. R. JACKSON, D. D. S., Phar. G907 Professor of Orthodontia.	Hume-Mansur 1	Building
DAVID A. HOUSE, D. D. S	Hume-Mansur 1	Building
CARL D. LUCAS, D. D. S	Hume-Mansur I Surgery.	Building
I. LESTER FURNAS, D. D. S Professor Prosthetic Dentistry	The	College
Professor Prosthetic Dentistry FRANK B. WYNN, M. D	Hume-Mansur H	Building
JOHN T. WHEELER, M. D Professor of Anatomy.	Odd Fellow H	Building
HOMER I. JONES, M. D Associate Professor of Anatomy.	827 K. of P. E	Building
FRANK A. MORRISON, M. D Special Lecturer on Relation of Disorders of the Teeth to the Eye,	Willoughby E Ear, Nose and Th	Building roat.
ALFRED HENRY, M. D	Hume-Mansur B	Building
E. M. AMOS, M. D	Hume-Mansur B	Building
HARRY K. LANGDON, A. B., M. D	Hume-Mansur B S. Army.	Building
ETTA B. SELSAM, A. B., M. D Acting Professor Bacteriology and Histology.	The	College
WILLIAM SHIMER, A. B., M. D Professor of Pathology.	State	House
JAMES E. WEYANT, A. B., A. M Professor of Physics and Biology.	336 N. Audobo	n Road
D. ERNEST COFIELD, D. D. S	ard of Trade B	uilding
WM. N. OTTO, A. B., A. M. Professor of English.		
LEWIS B. SPEAR, D. D. S	Iume-Mansur B	uilding

JUDGE CHAS. J. ORBISON, A. B., L. L. B
F. WADE LA RUE, A. B., D. D. S
HARRY E. BISHOP, B. S
E. B. SELSAM, A. B., M. D
CHAS. DUTCHESS, B. S
GLENN J. PELL, D. D. S
KARL S. KAYSER, D. D. S
J. L. WILSON, D. D. S
BENJAMIN LA BURT, D. D. S
R. V. BROWN, D. D. S
VON L. KENNEDY, D. D. S
M. JENSEN, D. D. S
MARY DAVIS
GERTRUDE KATZ

STUDENT ASSISTANTS

RICHARD C. LEONARD

CLURE McPHERSON

IN MEMORIAM

LIEUT. FRANK S. LEONARD, Instructor. Died in service, Paris, France January 13, 1919.

PROF. JAMES E. WEYANT. Died May 25, 1919.

NATIONAL ASSOCIATION OF DENTAL FACULTIES

THE INDIANA DENTAL COLLECE is a member of the National Association of Dental Faculties, and the rules governing colleges belonging to the association will be strictly enforced. Frederic R. Henshaw, D. D. S., is the accredited representative of the college in the Association of Dental Faculties for the fiscal year.

CALENDAR FOR 1919-1920

THE LAST MONDAY in September is devoted to matriculating those not already matriculated, presentation of entrance credentials, securing board and room and otherwise getting settled for the work of the year. On the last Tuesday in September, college work actually begins. Students are urged to be on hand at the opening of school, as the loss of a few days' time during the opening lectures is serious. No student will be accepted after ten calendar days from the date of beginning lectures except in case of illness, certified to by a physician, in which event the student may enter at any time after the beginning of lectures up to and until twenty calendar days have expired. The calendar for the coming session is as follows:

September 29, 1919	Reporting Day
September 30, 1919	College Work Begins
October 9, 1919	Last Day for Entering
December 20, 1919—January 5, 1920	Holidays
About June 12, 1920	Commencement
The matriculation books are always open.	

ANNOUNCEMENT

THE INDIANA DENTAL COLLECE, Department of Dental Surgery of the University of Indianapolis, offers a four-session course in the science and art of dental surgery, to both men and women. The degree conferred is Doctor of Dental Surgery.

The influence of mouth conditions on general health, we learn from the leaders in Medicine and Dentistry, is greater even than we have thought in the past. Indeed, men of international eminence do not hesitate to declare that a life may be lost due to the condition of a single tooth. With this knowledge comes added responsibility to dentists and dental teaching institutions. To meet this responsibility the National Association of Dental Faculties has adopted a four-year course, thus making it necessary to attend college four years before being eligible to the degree of Doctor of Dental Surgery. This ruling took effect commencing with the class which matriculated as Freshmen in 1917.

The Indiana Dental College was organized in June, 1879, and taught its first session in the winter of 1879-1880. Of the existing colleges of the United States, it was the tenth to be established. Its doors have been open to students for thirty-nine consecutive sessions, and its hundreds of graduates are practicing dentistry all over the globe. In Canada, Cuba, Brazil, Mexico, Alaska, England, France, Germany, Persia, India, Japan, Korea, the Philippine Islands and all of the United States, diplomas granted by this college are hanging on the walls in dental offices.

The sessions open the last week in September and close the second week in June. The college is open for clinical work every day in the year except legal holidays and Saturday afternoons during the summer months, and students who have completed at least their freshman year at this or any other recognized dental college are entitled to the summer practical course for a fee of \$25.00. This fee is credited on the student's tuition fee for the following session if he attends this college. The summer course, offering, as it does, practical work from 8:30 a. m. to 5:00 p. m., under the guidance of the clinical instructors, is of the utmost value in preparing the student for his life work, and every student should arrange to avail himself of as much of it as is practicable. Many of our students spend the entire summer working in the operatory and laboratory. The experience is invaluable.

This institution is designed for the earnest student, really desirous of obtaining a thorough theoretical and practical training in the science and art of dental surgery. Such persons, men and women, will find every facility afforded them.

Women students are welcomed and accepted on the same terms as men students. Dentistry as a life occupation for women is so pleasant and so profitable it is surprising more young women do not consider it. Much of the work in dentistry and especially the care of children's teeth and specializing in oral prophylaxis, is peculiarly and particularly adapted to women. This college points with great pride to the successful women practitioners among its alumni and would be glad to see them more numerous. They are uniformly successful.

REQUIREMENTS FOR ADMISSION

ALL ENTRANCE CREDENTIALS are passed upon and certified by the State Department of Education.

A candidate for admission to the Freshman class must present a diploma from a Commissioned High School (Indiana Commissioned High Schools correspond to Accredited High Schools in other States) or Academy which requires for graduation not less than fifteen units obtained in a four year course, or

A certificate showing successful passing of the matriculation examinations of a recognized college of Liberal Arts, or

Certificates showing completion of all or part of required courses in a recognized College of Liberal Arts.

Candidates who do not possess the above qualifications must pass an examination in such High School subjects as may be necessary to complete a full course required for graduation from High School.

Examinations are conducted by Mr. Oscar H. Williams, State High School Inspector, State Department of Education, in September of each year.

Entrance credentials of new students should be in the hands of the Registrar by September 15. A blank form for high school credentials is issued by the College. A copy should be secured from the Registrar who will gladly send it on request. This blank must be filled out and signed by the principal of the high school or academy or other preparatory school from which the prospective dental student graduated. It must then be returned to the Registrar.

ADMISSION TO ADVANCED STANDING

STUDENTS are admitted to the second year course who present certificates from recognized dental colleges showing completion of one full course of lectures and of examinations in the studies of the first year course in such college, satisfactory to the professors of the respective departments of that year.

Students with two full years credit from Class "A" Medical Schools, approved by the American Medical Association, may be admitted to the Sophomore class. No advanced credit in time may be given in any other case than as above specified.

Students are admitted to the third year course who present certificates from recognized dental colleges, showing that the second year course has been successfully completed.

Candidates for advanced standing must present their certificates to the Dean at the opening of the school.

GRADUATION

CANDIDATE for the degree of Doctor of Dental Surgery must be twentyone years of age, must possess a good moral character and must have been a student of good deportment while in college.

Students will be required to attend four full courses of lectures.

before graduation, the last one in this college. Two or three courses in any other college having an equal, or similar standing of requirements will be accepted as equivalent to the same number in this college. Graduates from recognized dental schools may become candidates for a degree from this college after attending the senior year course of instruction.

FEES

FRESHMAN IEAR	
Matriculation	\$ 5.00
Annual Tuition	175.00
Annual Tuition All Laboratory Fees	10.00

SOPHOMORE YEAR	
Matriculation Fee	\$ 5.00
Annual Tuition	175.00
Annual Tuition All Laboratory Fees (including	g Dissecting

JUNIOR YEAR

Matriculation Fee	5.00
Annual Tuition	175.00
Annual Tuition	10.00

SENIOR YEAR

Matriculation Fee	5.00
Annual Tuition Fee	175.00
Annual Tuition Fee. General Laboratory Fees and Diploma Fee	15.00

All students are required to become members of the Athletic Association. The fee for which is \$3.00, which entitles the student to admission to all games except one.

The matriculation fee must be paid when the student is enrolled. The tuition fee is due when the student enters school. If it is desired to divide the payment of tuition fee it may be done on the following terms: \$100 at the opening of the term; no student being formally enrolled until such is paid; the remainder on or before January 10th.

No student will be admitted to classes until fees are paid. No exceptions will be made and the student should come prepared.

Fees are not returned to students who are suspended or dismissed or absent from any cause except illness. In case the student is compelled to postpone his work until a subsequent year on account of illness, the tuition paid will be credited on his subsequent year.

Breakage, damage and loss of college property must be made good

by the student or students at fault. In case they are not known, it will be charged up against the entire class or student body.

Each student should bring with him not less than three hundred fifty dollars, which will defray all expenses, including tuition, books and instruments for the year, and board and lodging for the first month. By leaving baggage at the depot until a boarding house is secured, hotel bills can be saved.

Board may be obtained at prices varying from \$4.50 to \$6.00 a week, according to the accommodations; also rooms, furnished, from \$6.00 to \$12.00 per month.

The Indianapolis Public Library of over 140,000 volumes is only two blocks from the college and is accessible to students by complying with the requirements of the librarian. The State Library, at the State House, is also open to our students. It contains 45,000 volumes and a large number of pamphlets.

The operatory in the college building is open during the entire year for dental operations, and junior or senior students may enter at any time by matriculating and paying \$25.00, which is deducted from the fees of the succeeding winter course.

Books and instruments for the first year will cost, approximately, \$115; for the second year, approximately, \$150; for the third and fourth years, a much smaller amount, being principally for added equipment.

The instruments purchased cannot be counted as a college expense as they form part of permanent equipment when the student enters practice.

COURSE OF STUDY

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THE FOLLOWING COURSE, which conforms to the requirements of the Dental Educational Council of America, will be followed.

ł	RESHMA	IN YEAR		
	Hours p	er Week	Hours	per Year
	Didactic	Laboratory	Didactic	Laboratory
Chemistry	3	6	96	192
Biology	1	2	32	64
Dental Anatomy	1	2	32	64
Prosthetic Technic	1	6	32	192
Operative Technic	1	3	32	96
Technical Drawing (1st Sem.)	0	4	0	64
English	3	0	96	0
Physics	1	2	32	64
General Anatomy	1	0	32	0
· · ·	12	25	384	736

FRESHMAN YEAR

Sept.

Sophomore JUNIOR

	Hours per Week		Hours per Year	
	Didactic	Laboratory	Didactic	Laboratory
Chemistry	2	3	64	96
Anatomy	3	12 (2nd Sem.)	96	192
Histology		2	64	64
Physiology	2	2	64	64
Operative Dentistry		2 (technic)	32	64
Bacteriology	1	3	32	96
and bridge technic)	3	4	96	128
Prosthetics (including crown				
	14	29	448	704

29 SOPHOMORE

Hours p	oer Week		Hours	per Year
Didactic	Laboratory		Didactic	Laboratory
1	3		32	96
1	0		32	0
2 .	0		64	0
1	0		32	0
1	3		32	96
1	0		32	0
1	0		32	0
1	10		32	320
1	3		32	96
0	10		0	320
10			220	938
	Didactic 1 1 2 1 1 1 1 1 1 1	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Didactic Laboratory 1 3 1 0 2 0 1 0 1 3 1 0 1 3 1 0 1 0 1 10 1 3 0 10 	Didactic Laboratory Didactic 1 3 32 1 0 32 2 0 64 1 0 32 2 0 64 1 0 32 1 3 32 1 0 32 1 0 32 1 0 32 1 0 32 1 0 32 1 0 32 1 0 32 1 0 32 1 0 32 0 10 0 - - -

SENIOR

	Hours 1	per Week	Hours	per Year
	Didactic	Laboratory	Didactic	Laboratory
Operative Dentistry	1	0	32	0
Radiodontia	1	0	32	0
Prosthetics	1	0	32	0
Oral Surgery	. 1	3 (clinic)	32	96
Physical Diagnosis	1	0	32	0
Bacteriology and Pathology	1	2	32	64
Jurisprudence, Economics				
(Special)	1	0	32	0
Operatory Practice (Including				
Operative and Prosthetic				
Dentistry, Crown and Bridge-				
work, Orthodontia, Inlay and				
Ceramics)	0	30	0	960
	-	-		
	7	35	234	1120

10

SUMMARY

Freshm	an Year	Hours	1120
	ore Year		1152
	Year		1258
Senior	Year	<u>دد</u>	1354
	Total	66	4884

In applying the above schedule such changes as may be necessary to conform to the requirements for proper teaching will be made as occasion warrants.

Special clinics and demonstrations in Prophylaxis, Roentgenology, Anesthetics, Oral Surgery and Periodontoclasia are announced in the class rooms and on the bulletin boards.

A special course of 32 lectures on Oral Hygiene is being arranged as an adjunct to the department of Operative Dentistry.

Dr. M. M. House, associate professor of Prosthetic Dentistry, will give a special course of lectures and clinics on the latest methods in denture making, embracing the so-called Hall method of articulation and the "artistry" of artificial dentures.

TEXT BOOKS

FIRST YEAR

Anatomy and Histology of the Mouth and Teeth	Broomell
Prosthetic Dentistry	
Anatomy	Gray
Chemistry	Wade and Blanchard
Zoölogy	Pearce
English—Century Handbook of Writing	
Medical Dictionary	Stedman or Dorland

SOPHOMORE YEAR

Histology	Bailey
Physiology	
Operative Dentistry	
Anatomy	Gray
Crown and Bridge-work	Goslee
Prosthetic Dentistry	Prosthero
Pathology and Bacteriology for Dental Students	McConnell
Recommended:	
Bacteriology	
Aide to Osteology	

JUNIOR YEAR

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Surgery and Diseases of Mouth and Jaw	Blair
Materia Medica	
Elementary and Dental Radiography	Raper
Dental Pathology and Therapeutics	Burchard and Inglis
Orthodontia	
Recommended:	
Anesthetics	Hewitt
Epitome of Pharmacopoeia and National Formulary	

Recommended:	SENIOR YEAR	
Conductive Anesthesia		
Oral Abscesses		Thoma
Oral Anesthesia		Thoma
Oral Surgery		Brophy
Students will not be admi	itted to classes until all books ha	we been checked up
in the office.		

GENERAL INFORMATION

N SELECTING a dental college there are many points to be taken into consideration by the prospective student. For instance, the HEALTHFULNESS of the college town, the CHEAP-NESS of living, the amount and quality of CLINICAL MATERIAL presented, and the FACILITIES the college has FOR TEACHING, are all matters of considerable moment to any one who expects to spend time and money in the study of dentistry.

Health

Health is essential, of course, for without health the student can not make use of the opportunities presented for acquiring an education, no matter how earnest his intention. In this regard the city of Indianapolis challenges comparison with any city in the country.

The sanitary arrangements of the college are excellent, having the approval of the State Health Commissioner, Dr. J. N. Hurty, who has been a professor in this school for over thirty years.

Expenses

Living in Indianapolis is remarkably cheap, considering its population. The residence portion of the city is so closely related to the business district that boarding places are readily obtained within four or five blocks of the College, thus saving car fare, an important item in the course of months.

The average gross amount of money spent by our students is about \$500.00 each per term. However, this is largely regulated by the financial condition of the individual and many students spend much less. A large percentage of our students work for their board and a few earn their board and lodging outside of school hours. This latter requires good health and considerable determination on the part of the student in order that his college work may not suffer, but it can be done. It is only desirable when absolutely necessary, as the college work should be the first and greatest interest in the life of the student.

Clinics

The clinics at the Indiana Dental College are excellent. Indianapolis has a population, including the suburbs connected with the city by electric lines, of about 300,000 people. This does not include over 100,000 people within an hour's ride on the interurban cars.

The variety of cases that present themselves is unlimited. Every student has abundant opportunities offered to perfect himself in gold work, amalgam, gutta percha, zinc oxide and silicate cement fillings, porcelain and gold inlays, crown and bridge work, partial and full dentures on rubber and metal bases, root canal treatment and filling, and the various pathological conditions that present themselves during the conduct of a dental practice. The operatory is open daily from 8:30 a. m. to 5:00 p. m., and is constantly under the supervision of competent demonstrators. Believing that the education of the eye and of the fingers is of the most vital importance to the future success of our students, we strive to present every facility for practical work in all branches of operative and prosthetic dentistry.

Location

The College is located on the southwest corner of Meridian and North streets, just south of the most desirable and highest priced residential district and on the north edge of the largest retail district. There are no street cars on either Meridian or North streets, so that dirt, dust and noise are reduced to a minimum; and yet car lines on Illinois street, one block west, and on Pennsylvania street, one block east, makes it easy and economical for patients and others to reach us promptly from any point within the city limits.

Incidentally, the Illinois street car line begins at the Union Station, where all the railroads center, and passes the Traction Terminal Station, where all interurban traction line cars come in, on its way to the corner next the College.

The Building

The College building is a three-story, steel, concrete and brick structure. It was built in 1914 and was especially designed for the teaching of dentistry. It complies in every particular with the exacting rules laid down by the city for the construction of fireproof buildings. The concrete framework, reinforced with steel, is supplemented by pressed brick, mission style, trimmed with stone. The interior woodwork is fumed oak finish. The building is steam-heated and electric-lighted. The floors and stairways are of steel and concrete. No better built or safer building can be imagined. The natural light is unexcelled. The windows are large and very numerous. Meridian street on the east and North street on the north are each one hundred feet wide, while Superior street on the west is forty feet wide. All of these streets are paved.

Sanitation and Hygiene

The facilities for obtaining plenty of sunshine and air have been mentioned. The construction of the building and the quality of the plumbing, which is of the highest grade obtainable, are sanitary safeguards. Every window is equipped with a ventilating device and foul, stale air is not known in the College. Sanitary drinking fountains for the use of students and patients are a part of the equipment; individual paper towels are used exclusively in the operatory, as are also fountain cuspidors; and superheated steam sterilizers are provided for the sterilization of instruments. No precaution has been neglected to safeguard the physical welfare of those attending the institution.

Lockers

Each student is assigned a hat and coat locker. These lockers are made entirely of pressed steel and are equipped for padlocks. Each treshman student, in addition, has a locker and drawer for his tools and instruments, at the desk assigned him. Each junior and senior, in addition to his hat and coat locker, is assigned a large drawer in the prosthetic laboratory and a six-foot high locker in the operatory, for storing his dental engine and other tools and appliances.

The Operatory

The operatory is equipped with three rows of Wilkerson, White and Columbia chairs, representing the highest degree of skill of the dental chair manufacturers. Each chair is equipped with an individual bracket and an electric light on a flexible brass arm, and a fountain cuspidor. Instrument case tables are also at each chair. Lavatories with liquid soap and paper towel outfits are at hand. The department is more than well lighted by wide windows on the north, east and south sides.

Prosthetic Laboratory

The prosthetic laboratory has a southern eposure. It is equipped with individual electric lathes, plaster bench, vulcanizing bench, work benches, swaging blocks, casting machines, porcelain furnaces, soldering tables, banks of drawers for students' instruments, running water, gas for heat, electricity for power and light, and compressed air.

Radiographic Room

In the radiographic—or X-ray—room is everything necessary or desirable for the making of radiographs of any portion of the head and neck. The dark room adjoining permits the deveopment and printing of the negative and positive as soon as picture is made. The apparatus in this room is of the latest and most approved pattern.

Exodontia Room

The extracting room also has a southern exposure. It contains the necessary equipment, including a Wilkerson chair; dental cabinet; apparatus for the administering of nitrous oxide gas and for the giving of somnoform; fountain cuspidors, and the many articles, including forceps, for preparing and anaesthetizing patients, extracting their teeth, and insuring complete and rapid recovery.

Oral Surgery Room

The oral surgery room is especially well adapted to its purpose. All operations and clinics are given with the chair or table on the white tiled center of this room. Surrounding the patient and operator on three sides are terraces separated by iron railings at a convenient height for resting the arms upon while standing. This arrangement permits forty or more students to get close enough to see operations without interfering either with each other or the operator. A Rhein light, the best substitute for daylight, can be instantly turned on when necessary. Clinics of all sorts are given in this room.

Freshman Lecture Room and Laboratory

The freshman lecture room is furnished with individual work benches for each student, which serve the double purpose of making note-taking easy at the lectures and furnish facilities for practically all operative technic work and much of the prosthetic technic work. Each student has a connection for a bunsen burner, a locker and a drawer for instruments and appliances. A baloptican is used in many of the lectures. The freshman laboratory adjoins the lecture room and is connected with it by two large openings. The laboratory is fully equipped with plaster, solder and work benches, sand bench, metal rolls, gas, water and compressed air, and swaging blocks. The light and ventilation are excellent. There are accommodations for one hundred students in the freshman department.

Junior and Senior Technic Laboratory

The technic laboratory for the juniors and seniors is sixty-five feet long and furnishes ample accommodations for the members of these classes. It is completely equipped for the work and the northern exposure gives an exceptionally good light. It is open to the students at all college hours and students who are not busy in some other department of the school are expected to be in this room at work on their technic.

Biological Laboratory

The biological laboratory is fully equipped with microscopes of standard quality, sterilizing ovens, culture ovens, a projecto-scope, and such other paraphernalia as is necessary or useful for microscopic investigation.

Chemical Laboratory

The chemical laboratory is exceptionally well lighted by a large skylight in addition to windows. Each student has his own reagents, chemicals, retorts, test tubes, bunsen burners and other properties. There is running water at the sink at each bench.

Lecture Rooms

Two large and well lighted lecture rooms are in use for the junior and senior classes. These are both equipped with comfortable opera chairs such as are used in the best auditoriums. The acoustic properties are perfect and the seating arrangements unexcelled. A baloptican —an instrument for the projection of either stereopticon slides or opaque objects on the screen—is used in these rooms.

Dissecting Room

The dissecting room is a large, well lighted and ventilated room on the top of the building, lighted from every side. It is equipped with tables, chairs, charts, blackboards and all other articles necessary for the study of anatomy. Wash basins with foot operated faucets are provided.

Operative Dentistry

In the study of operative dentistry the student is led gradually from consideration of the dental follicle and development of the teeth, through the broad field offered by this important subject, to the per-The formance of the most difficult operations presented to the dentist. anatomy and histology of the teeth are thoroughly considered. The causes of decay; the most vulnerable points of a tooth; typical cavities; the proper formation of various cavities for different materials; its insertion; the completion of the operation; the preparation and treatment of pulp canals; the filling of canals; the diagnosis, prognosis and treatment of acute and chronic alveolar abscesses, pyorrhea alveolaris, stomatitis in its various forms; leucoplakia, and various other pathological conditions; the bleaching of teeth; the care of children's teeth; each and all receive the serious attention their importance justifies. The lecture room work in this branch is supplemented by practice in both the technic room and in the operatory.

Prosthetic Dentistry

The course of study in prosthetic dentistry, as in that of operative dentistry, is designed to lead the novice by easy gradations from the first principles to the successful solving of the most difficult problems. Inspection of the mouth; a choice of impression cups; the best impression material for various conditions; overcoming obstructions to a perfect impression in difficult cases; the use of different impression materials; the working of plaster and the making of models; the different forms of teeth; their selection and arrangement for artistic effects; the advantage and disadvantages of different bases; the different modes of retention for full and partial dentures; cast plates on vulcanite and metal bases; cast metal plates; repairs; articulation of artificial dentures; dies and counter-dies; constitution of solders and their use with various fluxes; investing and refining scrap gold, and its reduction to plate, bar or wire; the composition of dental porcelains; the effect of different coloring materials on porcelain; the principles of the manufacture of porcelain teeth; the treatment of cleft palate; the reduction and splint treatment of fractures, are a few of the salient points that are elaborated during the lectures on this subject. In prosthetic dentistry, as in all other branches in which it is practicable, the student supplements the course of lectures by performing the actual work in the technic or prosthetic laboratories.

Operative Technic

Dental technics is manual training for the student. It is the education of the eye and the finger, accompanied by the didactic instruction necessary to render clear the reasons for the performance of the numerous operations by the method taught. In operative technic the student is instructed in the composition and working of tool steel; classification of instruments; the shaping, tempering and finishing of different instruments; anatomical and histological study of the teeth and contiguous parts; carving teeth from ivory; removal of pulps; treatment, cleaning and enlarging canals; filling with various materials; classification of cavities, their preparation for different filling materials; the insertion of the material; finishing the filling; conservative and radical pulp treatment; the treatment of such common diseases as pulpitis, pericementitis and dento-alveolar abscesses; the use of all dental operating instruments; the application of the rubber cloth with or without ligatures or clamps; and the use of the dental engine. The importance of this course to the novice can not be overestimated. It is such knowledge, such correlated education of the eye and finger as can not be obtained from text-book or lecture.

Prosthetic Technic

The course in prosthetic technic, as in that of operative technic, is of the greatest practical importance to the beginner. During this work the student is taught the mixing of plaster; the selection of impression cups; taking impressions in wax, modeling composition and plaster; making models; the construction of trial plates taking a bite; setting up gum section and plain teeth; vulcanizing, finishing and articulating hard vulcanite dentures; repairing vulcanite dentures; casting metal dies and counter-dies; swaging, soldering and constructing metal plates; the construction of appliances for cleft palate; correcting irregularities of the teeth; and reducing fractures of the jaws.

When the course of work laid out by the professors of operative and prosthetic technic has been satisfactorily completed, the student is given a card admitting him to full operatory practice.

Crown and Bridge Work

In crown and bridge work the student is first instructed in the preparation and shaping of teeth and roots. This is followed by lectures and demonstrations on the use of the various porcelain crowns, with and without metal collars; gold collar crowns, with and without porcelain fronts; seamless contour gold crowns; porcelain faced bridges; cast crowns and bridges; extension bridges; double bar bridges; detachable and removable bridge work; repair of bridge work, etc. This work is preceded by the prosthetic technic course and is supplemented by operatory practice.

Inlay Work

The instruction in this department embraces every detail of the work. The student is well grounded in cavity preparation first. Wax models are made and carved and castings made in different casting machines. The technic work includes all forms of simple inlays, inlays with a post, promimo-occlusal inlays with amalgam base, soldered inlays, and other forms as they are approved by experience. Also, the swaging and burnishing of matrices, the selection of shades, the baking of the inlay, and the other intricacies of porcelain work. The College has casting machines and ovens of approved makes available for the work at all times. The didactic course is followed by technic and practical work.

Regulation of Teeth

Orthodontia is taught by lectures and demonstrations. Acting on the belief that the student can learn more from what he sees than from what he hears described only, the professor of orthodontia teaches mainly by the use of casts, models and masks, supplementing these practical talks—during which the students are invited and encouraged to ask pertinent questions—by demonstrations in the operatory. The technic work in this branch is completed in the junior year, so that the student may undertake the work on patients in his senior year.

Analgesia, Anaesthesia and Exodontia

The course in these subjects includes an elaboration of the work in the course of materia medica on anaesthetics. Analgesia, or the partial anaesthetization of patients for the relief of pain during operations, is taught by lectures and demonstrations. The use of nitrous oxide, somnoform, ethyl chloride, and other general anaesthetics, for the production of complete anaesthesia is taught in the same manner. The composition, mode of administration and other useful information regarding various local anæsthetics is also elaborated. This course is followed by lectures on exodontia, or extraction of teeth. Special attention is given to the surgical preparation and extraction of impacted third molars.

Oral Prophylaxis

The course in oral prophylaxis, which we believe to have been the first established on these lines in any dental college, consists of lectures and demonstrations. The lectures voice the need of rigid prophylactic measures if the oral tissues are to be conserved in a normal condition; of the recent growth of interest in this subject; of the remarkable results obtained by specialists in this line; and of the methods followed by these specialists. The technic of the treatments is demonstrated to sections of five or six and each student receives thorough instruction in the art, as well as ocular evidence of its great value.

Roentgenology

The College has a powerful X-ray machine that is in daily use in the operatory. Lectures and demonstrations of the Roentgen rays and the use of the machine, are a part of the College course and every student completing the course has the opportunity to acquire the knowledge and skill to make X-ray photographs. Here again we believe this institution was the first dental college in the world to give a comprehensive course in radiography.

Chemistry

Chemistry, the foundation on which is erected so many of the arts and sciences, is taught didactically and in the laboratory. The student is thoroughly grounded in the rudiments of the science and its practical usefulness in the practice of dentistry is inculcated by lectures and demonstrations. Tests for drug purity, incompatibilities, the reaction of the oral secretions, the analysis of saliva, urine and other physiological products, and other points of importance to the practitioner are elaborated. Metallurgy is taught in the second year. It embraces a careful study of the metals used in dentistry, the alloying of metals for dental uses, the preparation of zinc oxide bases and other items of practical use to the practitioner.

Chemistry Laboratory

In the chemical laboratory the student is made acquainted with the chemical properties of the elements and their compounds by individual demonstration and experiment; their preparation and refinement. This, supplementing the lectures, fixes the facts more indelibly upon the student's mind and increases his power of reasoning and observation. Gases and other non-metallic elements and compounds; the metals, their salts and alloys; the many important organic compounds, are all considered in their order, particular attention being given to those substances used by the dental practitioner. The analytical work includes the analysis of saliva, bone, teeth, calculus, blood and urine; being the foundation for a more comprehensive study of these subjects if the student desires.

Anatomy and Physiology

Anatomy and physiology, with chemistry, are the foundation stones of dentistry, as they are of all the specialties of medicine. It is now recognized that unsanitary and abnormal conditions in the mouth may lead to the gravest disturbances in the health of the patient. The oral cavity is so closely related anatomically and physiologically with the remainder of the alimentary canal, and through it with every organ and tissue of the body, that a general knowledge of anatomy and physiology is of as great importance to the dentist as to the oculist, aurist, or rhinologist. Therefore, the courses in these studies are designed to give the student a thorough general knowledge of the subjects, with their special bearing upon dentistry. The gross and microscopical anatomy of the head, the bones, the insertion, direction and action of the muscles, and the origin, course and distribution of the nerve and blood supply are all taught with the greatest care and minuteness. Visceral anatomy-the anatomy of the heart, lungs, liver and other internal organs-is an important part of the anatomical work. The good dentist of today is well grounded in general anatomy. And since a normal performance of function by the alimentary tract is necessary to the preservation of the teeth, the physiology of ingestion and digestion is elaborated with advantage to the student. The importance of these subjects is great; their influence affects every branch of the curriculum.

Materia Medica and Therapeutics

In materia medica and therapeutics also an effort is made to combine a general knowledge of the subjects with special reference to their dental aspect. The first part of the course is devoted to becoming acquainted with the various terms used in classifying and describing medical drugs. Then comes a study of the drugs, considering their source, physical and chemical properties, dose, physiological and poisonous actions on the body, the use of antidotes, the compounding of solutions of various strengths, the writing of prescriptions, and, last, the application of drugs to disease.

Oral Surgery

Oral Surgery is taught by lectures and clinics. Operations for the correction of hair-lip, the closing of cleft palate, the removal of oral tumors, the extraction of encysted teeth, the exsection of necrosed bone, and the opening and treatment of the antrum are performed before the class. The use of general anæsthetics, ligation of arteries, surgical control of hemorrhage and the stitching, dressing and bandaging of wounds is thus practically demonstrated. The relation of the oral cavity with the nose and throat, diseases incident to all three, reductions of dislocations, and many other operations coming within the province of the dentist, are elaborated.

Oral surgery clinics are conducted by the professor of that subject in the various hospitals of the city and the students are taken in groups to witness these very interesting demonstrations.

Every Wednesday afternoon oral surgery clinics are held in the College.

Histology and Bacteriology

Histology and bacteriology are taught by lectures and by practical work in the laboratory. Each student learns the microscope, the preparation of tissues, sectioning with the microtome and the staining and mounting of the sections on microscopic slides. The propagation of the more important germs found in the oral cavity is accomplished through the agency of the latest form of culture ovens. Cultures are made from carious tooth-bone, from saliva, and from the scrapings obtained from the mucous membrane of the mouth. The value of different sterilizing agents is practically demonstrated and the importance of oral sanitation is thoroughly inculcated.

Pathology

Dental pathology, including the etiology, diagnosis, clinical symptoms and prognosis of all dental diseases is taught by lectures and operatory practice. Such general pathology as is of value to dental practitioners is also taught didactically and all of this lecture room work is supplemented by the work in the pathological laboratory.

Physics

Dental physics is closely allied to dental chemistry in many of its ramifications. The principles of mechanics, including stress, resistance to strain, crushing points, and kindred matters, and of heat, light and electricity are elaborated by lectures and demonstrations. The course as given bears a direct relation to the practice of dentistry and is of interest and value to the student.

Medical Diagnosis

These lectures are designed to include not only what is ordinarily understood by the term physical diagnosis, but also the laboratory methods of reaching a diagnosis. They will embrace a brief consideration of:

(a) The physical examination and diagnosis of organic disease of interest to the dental operator, such as cardiac, pulmonary and renal affections in relation to anæsthesia; also disease of the gastro-intestinal tract and nervous system which may affect the condition of the mouth, or which may be induced by the condition of the mouth.

(b) Diseases and states of the general system which affect the nutrition of the oral cavity or are affected by the condition of the oral cavity, such as scurvy, anæmia, gout and diabetes.

(c) The recognition of bacterial diseases of the mouth by gross as well as microscopic methods, such as tuberculosis, diphtheria, thrush, syphilis, etc. The diagnosis of tumors will also be considered.

Dental Jurisprudence

Dentists are amenable to certain laws governing their right to practice and to certain legal principles fixing their liability for ignorance, carelessness and malpractice. On the other hand, dentists have, before the law, certain rights that should be recognized by their patients. These laws, principles, rights and liabilities are explained in the lectures on jurisprudence. The lectures are non-technical and give the student a practical working knowledge of the law in relation to the dentist, so that when he opens an office as a licensed graduate he will be advised as to his legal rights and liabilities.

Conduct of Practice and Economics

Toward the close of the senior year lectures are given on the conduct of practice. These relate to the selection of location, equipment of an office, how to figure prices, the keeping of books and records, getting and keeping a clientele, business methods in dentistry, general business methods, investments, and many other points of value to the young practitioner.

Freshman English

A practical course in English designed primarily to meet the need of greater ease and effectiveness in oral and written expression. The principles of rhetoric and composition are studied as an aid in the composition process, with a practical application of the same in weekly themes, followed by class criticism and personal conference. Attention is also given to the forms of discourse in their relation to reading as well as to writing. The essentials of business English and the form of the business letter are touched upon because of their practical value. Much stress is given to the elimination of the common errors that are opposed to the so-called "decencies" of "good English."

Biology (Zoology)

Class-room work is supported by work in the laboratory and the fundamentals of Zoölogy are brought out by correlation of the two. Particular attention is given to the study of structure and properties of protoplasm; the difference between plant and animal life; nutrition and other physiological processes; classification of the animal kingdom with its principles; reproduction; development of the germ cells; evolution of animal life, etc. This course prepares the student for much more efficient work and understanding of the major biological studies, Bacteriology, Histology, Physiology and Anatomy.

The Operatory

The operatory is open from 8:30 a. m. to 5:00 p. m. daily, except legal holidays. The time card is so arranged that either the junior or senior class, or both, are free to attend the operatory practice during all of this time. Materials and drugs are furnished by the College. Each student is required to perform a certain number of operations in both departments. Before the operation is begun, during its progress and after its completion, the case is examined, and the superintendent and demonstrators are ever ready and willing to aid and assist by advice and by demonstrations. The assignment of cases is in the hands of the superintendent and his assistant. After the first sitting future appointments are made by the student. Believing that the regulation and conduct of the operatory is influential in forming the office habits of the student, it is our aim to conduct the department as nearly on the plane of a high-class dental office as the circumstances will permit.

We endeavor to inculcate neatness, cleanliness, order and dispatch, which, with skill, are essential to securing and retaining a desirable practice. Our patients are, in the main, derived from a class refined and intelligent enough to appreciate this treatment, and the proof of their appreciation is found in their regular return to the College when in need of dental services.

Thousands of cases present for treatment each year. Among them will be found every variety of dental abnormality, and the attentive student will see a greater diversity of cases and get a wider experience than could be had in many years in private practice. The summer course in the operatory is very valuable to the student and each one is urged to spend at least one summer at the College before graduating. The entire time is devoted to clinical work under the supervision of the demonstrators, assisted by members of the faculty.

The College is fortunate in securing the services of specialists widely and favorably known, who demonstrate regularly in the operatory. Specialists in oral surgery, exodontia, prophylaxis, pyorrhoea alveolaris, radiodontia, crown and bridge work, and orthodontia give the students the benefit of advice, assistance and demonstrations.

To the New Student

If you want information upon any matter connected with dental education, write to the Indiana Dental College, Indianapolis, Indiana, and we will be pleased to help you all we can. The matriculation books are open at all times. Lockers, seats and clinics are assigned in the order of matriculation. There is an advantage in matriculating early. After having spent one year at the school our students realize this and a common practice after the freshman year is for a student to immediately matriculate for the succeeding year, thus reserving some desired lockers and seats.

When you arrive in Indianapolis, leave your checked baggage at the station, but bring your hand baggage with you to the College building. Whether you come into the Union Station by railroad, or into the Traction Terminal Building by traction car, you will find the Illinois street car line just outside the building. There are cars every three or four minutes marked "Illinois" street. Take one going north and get off at North street. Turn to your right and the College building is just half a block away.

The Dean, or his secretary, may be found in the College office at any time between 9 a. m. and 5 p. m. Lists of boarding places, tabulated according to price, are on file, and a short search will suffice to secure you pleasant and agreeable quarters. As soon as your room has been decided upon, the transfer company will deliver your trunk for 25 cents. It is well to reach the city as early on the day previous to the opening of the College as is practicable. You will then be able to get comfortably settled in your new quarters before a start is made in the college work.

INDIANA DENTAL COLLEGE ATHLETIC ASSOCIATION

95 95

THE ATHLETIC ASSOCIATION of the Indiana Dental College is composed of the student body and the alumni.

Mr. Heze Clark who has been coach of the basket ball team since its organization was not with us this season. Mr. Clark has been, for the past year, coaching the Fifteenth Regiment, Aviation Team, Great Lakes Naval Training Station. During his absence, Frank Peters (Wabash) acted as coach and played a schedule of twelve games with the strongest teams in Indiana. Next season the team will again be coached by Mr. Clark and although seven men will be lost to the squad through graduation, with the good material in sight we hope for a stronger and better team than ever before.

At the close of the season, eleven men received their letters and were presented with sweaters by the firm of Mrs. W. M. Herriott and Son.

McVauch
RAY
Roler
Соисн
McPhearson
PETERS

THE MANAGEMENT

Faculty Manager	DR. R. V. BROWN
Student Manager	FRANK PETERS
Secretary-Treasurer	DR. VON L. KENNEDY
Coach	FRANK PETERS (Wabash)
Captain	MARION McCormick

The 1918-1919 schedule follows:

AT HOME

December 19Indiana	University	February	1State Normal
January 21	Butler	February	7Rose Poly
January 25.	Earlham	February	19Butler
		February	25 Wabash

ABROAD

December	6Wabash	January 18	State Normal
December	13De Pauw	February 15	Rose Poly
January 1	Franklin	February 21	Earlham

THE HUNT SOCIETY

This is a literary and professional society designed to promote good fellowship and training in parliamentary procedure, public speaking and proper conduct of public gatherings. All students are eligible and meetings are held in the college building at least semi-monthly, for the consideration of subjects of interest to all.

MATRICULATES, SESSION OF 1918-1919

FRESHMEN

President	
Vice-President	
Secretary and Treasurer	
Sergeant-at-Arms	HAROLD S. KINNEY

Arvin, Claude Barkes, Walter Barrett, Morris Beals, Roger G. Bonnell, Cecil Boulden, Herbert G. Brandon, W. R. Bush, Sylvan G. Chancellor, John R. Chapin, Ned R. Chevalier, Paul Chinn, Violet Connor, W. C. Coxen, Blanton A. Deutch, Louis Eilar, R. F. Farver, Francis F. Forcellini, Augustine Fults, George B. Glatz, Cecil D. Grant, Elmer Hazlett, Pete Hirshowitz, Elliott Holloman, Eugene P. Howard, Ray G. Kiddey, Edward Kiesling Walter N. King, Fernie Kinney, Harold S. Kraft, David Kinwald, Sam Kunkel, Wm. F. Lamb, Gordon Leonard, R. C. Lindemuth, Maurice H. Lingle, Ralph D. Lumpp, Herman C. McCoy, Ivan McCPherson, Clure

Turner, Robert W. Wagoner, Chas. E. Watt, John M. Werkman, Herbert

SOPHOMORES

SENIORS

Abrams, Herman W. Anderson, Melvin H. Brenner, Urban C. Brown, J. T. Corbett, J. Leo Davission, Floyd E. Densmore, John Eagelton, R. N. Feeger, A. J. Feelberg, Leon

President.....

Fenton, Clyde L. Flint, Emmett A. Foster, Robert L. Gilger, Cecil E. Hammond, F. C. Johnston, John Kleeman, Paul H. Morton, C. D. Murphy, R. P.

McDonald, James E. McVaugh, Ralph Y. Parks, Merritt G. Peterson, J. R. Pfaff, Oscar R. Pyfrin, Sherman A. Rees, Lester A. Richards, Paul E. Saltine, Paul Schilling, A. H. Scheller, Foster F. Smith, Fred B. Steed, Ernest Glenn Stumpf, F. W. Tucker, Hazen Veit, Russell Watkins, R. D. Wilson, Ralph G.

.

President.....

Sergeant-at-Arms

Ailstock, Basil V. Aldrich, Sim Anderson, Arthur L. Beck, Forrest S. Benbow, Ford C. Bennett, J. G. Blackwell, John J. Bosler, Fred G. Brown, Carl F. Burke, E. J. Burke, E. J. Burke, E. J. Burke, E. J. Chambers, Clifford B. Couch, Ernest B. Craig, J. E. Crim, Glenn Crossen, Edward C. Crush, Frank Davis, Gilbert O. Dimmick, Clarence R. Downing, Lynn E. Eurit, C. E. Falender, Phillips Fansler, Geo. Foster, D. H. Freimuth, Louis E. Freidland, Sol B. Goldman, Geo. F. Goodman, Chas. E. Grant, Guy Lewis Hammer, Jay W. Harlow, Wm. G. Hendricks, Wm. J. Herz, Wm. J. Herz, Wm. J. Herzog, Alfred H. Irwin, Glenn D. Jacobi, Sidney Frederick Jones, Paul J. Kamm, Eugene Kirchhoff, E. H. Kraft, Karl K. Landrum, Harris A. Lantz, Joseph Leachman, B. Ernest Lindemuth, Carl Lowe, R. C. May, A. Earle Mayhall, K. B. Milligan, Arthur E.

Mitchell, Allen H. Moorman, L. H. McCormick, Masion A. McCormick, Masion A. McCormicl, Paul W. McDaniel, Paul W. McKainney, Roscoe Negus, C. W. Nevit, J. Francis Niemann, Carl E. Nowak, Walter Wm. Owen, Victor S. Paul, Herbert Peters, Frank R. Rabold, Louis H. Ray, Eugene C. Reese, Jean S. Robbins, R. E. Rogers, E. J. Roler, M. Luther Roth, D. M. Sampson, Joseph Clarke Saunders, Charles H.

E. J. Rogers A. Harlen Wilson J. E. Craig Harry Young

HARRY YOUNG Shroyer, Reed M. Seal, Cecil T. Seal, Charles A. Sibbitt, C. W. Sidenbender, J. C. Stearnan, Elmer E. Stewart, Alan Sylvester, Perry R. Talkington, B. E. Tarnowski, Clement W. Taylor, Richard N. Thompson, Herbert W. Thompson, Herbert W. Thompson, Maurice D. Unverierth, Albert H. Ware, Harry A. Wilson, Harlen A. Winkler, Wm. C. Wolfe, Gayle B. Worman, F. F. Young, Harry A. LIST OF GRADUATES Those marked * are dead

Ackerman, B. A., '15 *Ackman, B. M., '06 Adams, J. F., '07 Adams, J. W., '84 Adams, Oral, '18 Adams, C. A., '97 Addison, S. L., '97 Ainsworth, H. S., '84 Alten, J. R., '97 *Allen, J. J., '81 Allen, J. J., '81 Allen, J. J., '81 Allen, J. J., '97 *Alsop, T. B., '00 Altenberg, J. D., '99 Ames, E. P., '01 Anderson, F. P., '99 Anderson, K. L., '16 Anderson, W. L., '01 Anderson, W. R., '92 Andrew, D. A., '99 Anderson, W. L., '16 Armstrong, W. E., '90 Anderson, W. L., '16 Armstrong, W. E., '99 Andrew, D. A., '99 Andrew, D. A., '99 Andrew, D. A., '99 Andretson, W. L., '16 Armstrong, W. E., '91 Arnett, Lex, '18 Arnold, Chas. E., '18 Ashcrait, A. M., '02 Aughinbaugh, A. J., '04 Ault, M. F. '89 *Austin, A. L., '91 Avery, Maurice, '07 Avery, S. K., '08 Ayers, F. C., '84 Babcock, T. L., '14 Baker, Merrill, '18 Banks, Harry S., '18 Beaty, Fred A., '15 Beasley, W. S., '91 Bebout, V. A., '14 Beck, H. C., '93 Bechler, D. X., '04 Beeson, J. H., '08 Beeson, W. H., '88 Behmlander, F. G., '17 Bell, C. A., '02 Bell, Geo. E., '11 Bell, Kutt R., '16 Bennett, R. F., '99 Betly, Geo. E., '11 Bell, Kutt R., '16 Bennett, R. F., '99 Betly, Geo. C., '07 Bilran, G. G., 07 Bilran, G. G., 07 Bilran, G. G., 07 Bilran, G. G., 07 Bilran, S. J.'99 Birch, W. A., '10 Beyers, C. J.'04 Backer, C. J., '04 Backer, S. J., '15 Bailay, C., '01 Bailay, C., '01 Bailay, C., '01 Bailey, C., '01 Baker, Ermal C., '16

Baldwin, C. H., '83 Baldwin, H. L., '98 Baldwin, P. L., '02 Ballou, P. D., '96 Balks, J. B., '05 Barco, P. A., '97 Bare, C. H., '01 Barnard, R., '13 Barnard, R., F., '10 *Barnes, J. L., '88 Barnfield, J. E., '04 Barnfield, J. E., '04 Barnfield, Wm., '06 Barnhill, Vaith, '14 Barr, G. W., '08 Barr, J. J., '01 Barrett, A. G., '05 Gason, J. S., '83 Bates, J. W., '87 Batson, B. F., '92 Bauer, C. C., '95 Baughman, D. C., '15 Baughman, D. C., '15 Bayless, W. M., '84 Bear, P. L., '00 Blickenstaff, Will, '00 Blind, J. H., '04 *Bloomity, F. W., '82 Bloor, J. H., '92 Bythe, J. O., '12 Bodine, Roy, '03 Bogran, Antonio, '07 Bonnett, Roy W., '16 Bonniwell, W. A., '97 Bookwalter, G. J., '00 Borden, I. W., '00 Borden, I. W., '01 Booze, L. R., '96 Borden, I. W., '04 Bos, Christian, '04 Bos, R. L., '07 Bonwart H. F. '06 Boster, G. E., '13 Boster, G. E., '13 Boster, R. L., '07 Boter, Marvin T., '18 Bowen, Don, '15 Bower, Devolney, '94 Bower, P. S., '89 Bower, A. J., '07 Bowers, H. W., '98 Bower, A. L., '94 Boyd, Frank W., '18 Boyd, Frank W., '18 Boyd, Frank W., '18 Boyd, C. R., '11 Boys, N. D., '08 Bradbury, W. J., '92 Braddock, A., '99 *Brady, A. R., '16 Brand, Geo, F., '03 Brand, H. P., '05 Brand, T. T., '96 Branham, J. C., '00 Brit, C. B., '83 Brauchla, Wm. Guy, '17 Bridge, O. L., '02 Bridges, F. B., '09 Briggs, C. C., '12 Brinacombe, B. C., '90 Brinacombe, J. W., '91 Brodstreet, A. W., '16 Brodstreet, A. W., '16 *Brookins, J. A., '02 Brooks, Earl, '07 Broughton, W. M., '10 Brown, A. H., '90 Brown, J. C., '08 Brown, H. M., '92 Brown, J. Roger, '16 Brown, J. Roger, '16 Brown, Robert, '15 Brown, Robert, '15 Brown, Robert, '15 Brown, R. V., '18 Browne, C. Y., '14 Bruner, Harry, '17 Bruner, Harry, '17 Bryant, Harry, '17 Bryant, Harry, '17 Bryant, Harry, '17 Buchanan, A. E., '83 *Bucher, A. E., '83 *Bucher, W. H., '85 Buckley, Louis E., '15 Bucken, Y. E., '14 Bull, E. V., '05 Bullard, W. E., '89 Burch, G. W., '92 Burgett, H. O, '03 Burkett, C. E., '92 Burrett, Clarence, '12 Burnet, Clarence, '12 Burnet, Clarence, '12 Burrs, Jacob, '07 Burres, A. E., '83 Burris, Jacob, '07 Burnet, C., '83 Callaghan, F. C., '83 Campbell, H. R., '95 *Syram, J. O, '96 Byrne, T. M., '02 *Cain, M. C., '03 Campbell, P. F., '98 Cambell, T. B., '13 Carpohel, P. F., '98 Carnichael, R. W., '14 Carrichael, N. M., '05 Carter, Y. Gezil, '16 Carter, Joyd, '12 Carter, O. O, '08 Carter, V. G., '02 Carter, D. O, '08 Carter, J. O, '07 Carter, J. D, '01 Carter, M. O, '02 Carter, D. O, '03 Carter, J. C., '96 Carter, J. C., '96 Case, F. D., '97 Casey, T. H., '10 Cash, G. A., '03 Caton, Howard, '97

Catterlin, W. M., '14 Cawley, H. W., '09 Chadwick, P. H., '99 *Channess, R. E., '97 *Chandler, H. A., '84 Chapin, B. F., '04 Chapman, Lon, '00 Chapman, W. A., '00 Chappell, V. M., '98 *Chase, Benj. L., --Chattin, R. A., '00 Chenoweth, L. S., '04 Childers, L. M., '07 Chotek, C. C., '97 Childers, L. M., '18 *Church, E. J., '80 Clark, W. L., '86 Clark, W. L., '86 Clark, W. L., '66 *Clark, W. H., '92 Clayton, G. W., '13 Clayton, Homer, '02 Clayton, G. W., '13 Clayton, G. W., '13 Clayton, Homer, '02 Clemens, G. S., '84 Clemer, C. O., '06 Clickener, W. R., '04 Cloyd, Ju. O., '05 Cluthe, Anna M., '09 *Coffin, Ner, '98 Coe, J. H., '00 *Coffin, P. E., '01 Coffield, D. E., '07 Coffield, D. E., '07 Coffield, J. F., '99 Cofman, O. E., '01 Coffield, J. F., '99 Coffield, J. F., '99 Coffield, J. F., '99 Coffield, J. F., '99 Coffield, J. F., '18 Collins, Oscar, '03 Collins, Raymond, '18 Collins, Iames, '13 Collins, Raymond, '18 Collins, C. E., '99 Conner, B. F., '07 Conver, G. R., '96 *Conrad, B. A., '04 Conway, E. M., '89 Coogle, I. M., '89 Coogle, I. M., '91 Cooper, Res, A., '13 Cooper, R. Harry, '92 Cormican, John, '17 Cos, K. J., '00 *Corson, A. T., '03 Covwan, W. L., '00 *Corson, A. T., '03 Covwan, W. L., '90 Cosler, John T., '17 Cos, K. J., '17 Cos, Cos, F. J., '17 Cos, Cos, C. S., '13 Collins, Jers, '13 Coster, C. K., '05

Cropp, George, '18 Crusius, Geo. H., '17 Cuff, Matthew S., '18 Culver, R. E., '96 Cunningham, J. K., '04 (unningham, S. J., '05 "Curry, H. L., '07 Curry, O. W., '01 Curry, S. S., '95 Curris, B. D., '91 Curtis, C. C., '84 "Curtis, C. P., '88 Curtis, S. W., '89 Dailey, D. C., '16 Daniel, F. M., '01 Danks, C. P., '91 Darnall, Wm L., '13 Daugherty, J. H., '83 Daui, Louis, '16 Davidson, T. H., '90 Davis, C. T., '00 Davis, C. L., '98 Davis, C. K., '05 Davis, C. A., '05 Davis, J. A., '03 "Davis, J. A., '03 "Davis, S. Hugh, '14 Davison, Ross, '18, Davison, Ross, '18 Davison, Fenton, Fe Davison, Ross, '18 Dawson, C. H., '04 Day, A. O., '05 Day, C. W., '99 Day, Fletcher, '04 Day, R. C., '10 Day, W. H., '14 Deakyne, Watson E., '17 Dean, J. H., '98 Dean, W. F., '14 Deaner, J. J., '02 De Dios, M. Virgil, 16 D'Enbeau, F. J., '17 DeHaven, Sam F., '15 Dempsey, Harrison, '99 Depew, H. H., '81 Derrick, E. W., '18 Devin, John, Jr., '17 Dewar, H. D., '92 Dicker, W. A., '03 Dicker, P. O., '01 Dicks, C. W., '98 Dicks, Orpheus, '01 Dieks, C. W., '98 Dill, R. L., '17 Dillon, J. L., '98 *Dixon, Ellison, '00 Dixon, P. G., '05 Dobson, C. O., '04 Donnel, E. R., '00 Donnel, C. E., '16 Doud, Chester A., '16 Doud, Craster A., '16 Doud, Frank, '85 Dowell, C. M., '04 Downing, H. C., '18 Downs, L. W., '05 Doyle, J., '10 Dressel, H. C., '14 Drissel, C. C., '93 DuBois, D., '07

Duff, J. K., '09 Duncan, Jas., '07 Dunfee, C. H., '08 Dunn, W. R., '85 Duvall, Ed. F., '18 Dwyer, J. M., '01 Dykeman, E. J., '04 Earhart, Floyd, '05 Earhart, P. W., '87 Earley, G. W., '03 Easton, W. M., '87 Eberhart, J. C., '97 Eddy, P. G., '00 Eddy, Royal A., '17 Edman, A. W., '18 Edwards, F. M., Jr., '15 Edwards, G. H., '96 Elder, W. C., '01 Eller, '91 Ellar, Sylbert, '18 Elise, U., '00 Ellison, D. F., '94 Ellison, D. F., '94 Ellison, P., '83 Elson, R., '84 Ellworth, Roy S., '17 Elsager, H. H., '16 *Elson, E. P., '83 Elson, R., '84 Ellwelt, D. A., '92 Emerson, Jesse, '95 Emerling, F. H., '85 Emmet, Carl, '11 Enstein, Harry, '18 Evren, C. E., '00 Ervin, C. E., '00 Farver, Alvin, '14 Faust, M. C., '12 Fay, Frank, '05 Featherstone, B., '00 Ferster, A. E., '01 Farver, Alvin, '14 Faust, M. C., '12 Fay, Frank, '05 Featherstone, B., '00 Ferster, A. R., '06 Flick, A. R., '07 Filse, M. C., '07 Ferster, A. K., '07 Forther, L., '14 Fountain, L. S., '14 Fountain, C. S., '14 Foun *Frazier, Warren, '12

France, R. R., '02 Frantz, Edgar A., '18 Franz, Walter, '97 Frasier, John C., '15 Frech, Arlington, '14 Frech, Carl A., '17 Freeman, Carl, '97 Freeman, F. E., '99 Freese, E. C., '02 Friday, Gale, '17 Friedman, A. R., '00 Fiel, E. L., '03 Fritts, W. J., '01 *Fry, E. G., '90 Fry, J. W. '98 Fryer, J. O., '00 Fulenwider, J. W., '10 *Fulen, Theo., '05 Funk, C. H., '83 Funkhouser, A. F., '06 Furnas, Lester, '10 Gabel, Wm., '02 Gage, E. H., '92 Gage, H. E., '00 Gage, J. D., '94 Gallagher, Hugh J., '18 Galloway, O. B., '05 Gambrel, J. B., '08 Gans, Melvin Brauch, '17 Gans, I. W., '11 Gant, E. W., '93 Gant, J. F., '96 Garrison, R. D., '16 Garrison, R. E., '02 Garver, W. M., '99 Gasoway, Will A., '15 Gates, W. W., '11 Gentle, R. B., '90 Gaver, J. H., '92 Gait, J. F., '96 Gait, J. F., '96 Garver, W. M., '99 Gasoway, Will A., '15 Gates, W. S., '14 Gates, W. W., '89 Galt, Harry, '11 Gentle, R. B., '90 George, J. H., '92 Goodrat, R. A., '10 Gilchrist, A. E., '02 Gilchrist, A. E., '02 Gilchrist, A. E., '14 Gillespie, C. W., '15 Gillespie, R. J., '95 Gillis, Robert, '04 Gilman, F. L., '99 Ginther, Harry B., '13 Gist, Addisen, '02 Gilchrist, A. E., '98 Gochenour, W. W., '12 Godwin, D. D., '14 Godwin, D. D., '14 Godwin, M. O., '18 Godwin, M. O., '18 Goodman, M. T., '98 *Goodrich, M. T., '98

Gray, B. F., '92 Gray, C. F., '92 'Gray, C. F., '92 'Grear, C. B., '06 Green, C. B., '00 Green, C. B., '00 Green, C. E., '01 Green, Sydney, '01 Green, W. H., '99 Griffith, Cameron, '18 Griffith, Cameron, '18 Griffith, Cameron, '18 Griffith, Cameron, '18 Griffith, Paul, '11 'Grimes, Arthur, '98 Grossnickle, S. J., '09 Gruber, D. E., '07 Guedel, C. E., '17 Guudel, C. E., '17 Guthrie, G. R., '99 'Guzman, Chas., '10 Haas, R. G., '05 Hall, E. O., '09 Hall, W. M., '92 Hamilton, C. B., '05 'Hanis, E. E., '08 'Hanley, O. W., '15 Hanning, F. A., '16 Harbeson, B. M., '95 Hardwicke, J. H., '09 Hardwicke, J. H., '01 Hartis, F. M., '84 Harrold, D. C., '34 Harrold, F. W., '05 Hartis, C., '10 Harter, A. L., '10 Harter, A. L., '10 Harten, K. E., '03 'Harten, M. K., '29 Hartol, F. W., '05 Hartol, F. W., '05 Harter, A. L., '10 H '05 Henson, R. A., '15 Henwood, E. W., '02 Hess, John H., '90 Heyler, W. H., '07 Hiatt, Chase, '04 Hiatt, Chase, '04 Hickman, Fred M., '15 Hickman, J. Ce, '12 Hicks, H. S., '88 Hilgeman, Victor, '09 Hill, C. L., '01 Hill, F. E., '09 Hill, Van A., '11 Hilly, O. K., '12 Hinchman, J. B., '03 Hindman, F. M., '94 Hine, C. L., '04 Hinshaw, H. E., '12 Hinshaw, H. E., '12 Hinshaw, L. C., '82 Hite, J. H., '00 Hite, O. E., '09 Hobitt, S. G., '98 Hoffa, E. E., '18 Hoffman, Sidney C., '17 Holden, J. A., '00 Holdisser, G. G., '83 Hoffman, Sidney C., '17 Holden, J. A., '00 Holister, G. G., '83 Hoffman, Sidney C., '17 Holden, J. A., '00 Holister, G. G., '83 Hoffman, S., '92 Hood, T. J., '87 Hooper, Norman Y., '14 Hooper, Norman Y., '14 Hooper, W. R., '10 Hoopingarner, J. T., '05 Hoover, C. G., '91 Hopkins, R. H., '09 Hoppensack, H. J., '17 Horner, F. H., '86 Howard, J. V., '04 Howard, J. V., '04 Howard, J. V., '04 Howard, J. J., '07 Hubbard, A. F., '94 Hubbard, A. F., '94 Hubbard, Frank, '18 *Hubbard, G. A., '99 Hubbard, Frank, '18 *Hubbard, Frank, '18 Hubbard, F. M., '00 Hunter, H. M., '00 Hunter, M. E., '94 Hutchason, W. E., '94

Ingalls, S. E., '14 *Ireland, J. V., '98 Irvin, Don F., '18 *Ishman, C. A., '03 Ivans, M. W., '08 Jackson, C. R., '98 Jackson, Geo., '05 Jackson, H. E.,' 98 Jackson, M. E.,' 98 Jackson, M. H., '97 Hankins, Edna, '97 *Jennings, A. L., '98 John, R. McC., '96 Johnson, C. T., '09 Johnson, A. A., '00 Johnson, A. H., '02 Johnson, E. B., '12 Johnson, B. F., '95 Johnson, M. M., '91 Johnston, M. H., '02 Johnson, M. A., '91 Johnston, W. A., '91 Johnston, W. E., '08 Jones, A. L., '86 Jones, C. C., '07 Jones, H. G., '16 Jones, H. C., '02 Jones, Homer W., '17 Jones, H. G., '16 Jones, H. R., '16 Jones, Jesse, '12 Jones, J.esse, '12 Jones, Jesse, '12 Jones, W. M., '88 Jordan, J. M., '08 Jordan, Victor, '16 Josse, Arthur F., '15 Juell, Nels, '07 Kayser, Karl S., '16 Kee, M. DeF., '88 Keehn, J. D., '01 *Keel, G. C., '91 Keener, Earl, '11 Keep, M. M., '85 Keeffer, C. C., '14 Keightly, M. J., '91 Keiser, O. A., '91 Keil, W. W., '15 Keith, E. H., '90 Kellmans, E. L., '12 Kelley, M. J., '84 Kelly, W. N., '14 Kelly, W. N., '14 Kelly, W. N., '14 Kelly, W. N., '14 Kennedy, W. F., '00 Kennedy, Fred, '12 Kencheval, L. L., '12 Ketcham, H. B., '06 Ketcham, W. W., '10 Kibler, E. R., '07 Killian, A. R., '09 Kibler, F. A., '97 Killian, A. R., '97 Killian, A. R., '97 Kimberlin, T. A., '97 King, G. Wm, '11 King, Melvin H., '16 King, W. Z., '92 Kingery, O. V., '12 Kingeman, W. L., '97

Kinney, Harry W., '14 Kinzie, Earl, '16 Kirkpatrick, J. D., '06 Kirtley, L. W., '97 Kirtley, W. R., '05 Kiser, R. H., '91 *Kiser, S. A., '84 Knowles, W. L., '02 Kohlman, Edw. C., '16 Koons, Bert, '07 Koss, H. A., '07 Kramer, Chas. J., '17 Kraning, J. H., '09 Kraph, F. A., '93 Kreep, F. L., '03 Kreis, E. H., '96 Kretch, Carl, '18 Kruetzer, J., '09 Krider, D. C., '15 Krumme, Gustav, '01 Kubata, Seimaro, '01 Kubata, Seimaro, '01 Kubata, Seimaro, '01 Kubata, Seimaro, '14 Lackey, O. H., '05 LaGrange, Otis, '04 Lamb, Harry, '06 Lamb, Milton, '87 Lamb, Wylie, '03 Lambdin, C. A., '08 Lamce, C. L., '98 Lange, C. J., '88 *Lange, F. A., '94 Langston, O. W., '04 Lankford, J. C., '12 Lapinska, L. W., '06 Lawengood, John, '06 Lawengo, J. W., '99 Lowtton, W. J. P., '88 Layman, G. D., '08 Leach, Herbert S., '14 Leany, E. J., '15 Leavell, Fred W., '17 Lee, H. S., '95 *LeGalley, Marion E., '97 LeGalley, Marion E., '97 LeGalley, Marion E., '95 Lemond, Frank S., '15 Leonard, R. O., '15 Leveron, J. R., '16 Lewis, J. M., '91 Lickey, Y. J., '87 Lickey, R. G., '00 Little, C. K., '14 Little, Sarah J., '96

Lockhart, D. B., '92 Locy, H. T., '96 Loertz, J. W., '00 Long, Audria E., '17 Long, W. J., '01 *Lotshar, H. R., '00 Loomis, Neal, '18 *Lopp, J. W., '88 Low, A., '02 Lowder, O. H., '03 *Lowe, J. R., '81 Lowry, H., '04 Lucas, D. Carl, '02 Lucas, D. Carl, '02 Lucas, D. L., '92 Lucas, M. J., '99 Leedwig, C. B., '16 Luekemeier, H., '11 Luke, Frank, '97 Luze, N. Y. Se, '99 Lyman, H. E., '99 Lyman, S. W., '97 Lynn, O. S., '86 Lytle, Chas. S., '15 Lytle, Ralph, '12 McAdams, F. B., '10 McCannich, F. L., '08 McCann, J. F., '93 *McClain, J. H., '06 McCloskey, J. J., '10 McCollum, L. B., '91 McDonald, J. F., '93 *McCutcheon, A. O., '91 McDonald, J. F., '95 McElhaney, E. A., '94 McElmarey, E. A., '94 McElmarey, E. A., '94 McCarth, J. A., '11 McGrath, J. A., '11 McKard, O. L., '11 McKard, O. L., '11 McKard, M. J., '07 McGrath, J. A., '11 McKee, Robert, '18 McKey, A. D., '08 McKittrick, H. L., '07 *McLain, Howard, '14 McKaughin, E. D., '98 McMillan, J. W., '98 McMillan, J. W., '88 McKittrick, H. L., '07 *McLain, Howard, '14 McKaughin, F. A., '94 Mabry, E. K., '03 Magnuson, C., '09 Mahan, J. L., '82 Magraity, E. T., '01 Maban, J. L., '82 Magraity, E. K., '03 Magnuson, C., '09 Mahan, J. L., '82 Magraity, E. K., '03 Magnuson, C., '09 Mahan, J. L., '82 Magraity, E. K., '03 Magnuson, C., '09 Mahan, J. L., '82 Magraity, E. K., '03 Magnuson, Nannie, '94 Matry, Maurice, A., '14 Marthason, Nannie, ' Marr, Maurice A., 'I Marriott, C. W., 'II Marsh, C. E., '98 Marshall, R. T., '10 Martin, R. T., '10 Martin, A. O., '02 Martin, E. B., '09

Martin, F. S., '98 Martin, G. B., '88 Martin, John E., '18 Martin, John E., '18 Martin, John E., '18 Martin, K. A., '99 Martin, W. E., '02 Martz, W. G., '14 Maxmiller, H. W., '06 Mason, Geo. N., '02 Master, Geo., '04 Masters, J. L., '98 Mayher, H., '09 Mayhall, R. C., '98 Mayer, H., '09 Meier, H. H., '05 Meies, H. H., '06 Metz, C. B., '18 Meeks, C. A., '98 Metz, C. A., '98 Metz, C. D., '92 Mercer, Hubert F., '15 Mertweather, I. B., '16 Mertyweather, Fred N., Metz, Daniel, '15 Messner, C. T., '08 Metzker, C. H., '00 Metzger, E. O., '10 *Meyer, W.m. A., '17 Metzger, J. F., '00 Metzger, J. F., '00 Metzger, J. F., '00 Miller, C. P., '35 Miller, C. P., '35 Miller, C. P., '36 Miller, C. J., '16 Miller, P. M., '03 Miller, H. H., '05 Miller, P. M., '01 Miller, W. M., '05 Miller, J. M., '00 Miller, Paul G., '17 Miller, W. M., '13 Miller, C. J., '16 Miller, C. J., '17 Miller, W. M., '05 Miller, J. M., '00 Montgomery, D. W., '09 Montgomery, D. W., '09 Montgomery, J. F., '84 Montero, Raul, '13 Montgen, Y. H., '15 Morris, J. H., '97 Morrison, J. H., '15 Morris, J. H., '97 Morrison, J. H., '15 Morrison, J. H., '15 Morrison, J. H., '16 Monser, Sylvan L., '16 Moss, Bion, '89 Moss, H. E., '16 Mouser, Sylvan L., '16 Munghy, E. L., '98 Murphy, H. L., '98 Murphy, R. E., '07

Musser, Lee, '10 Myer, W. L., '04 Myers, C. W., '84 Myers, J. H., '95 Myers, M. E., '03 Naughton, T. G., '99 Naus, J. H., '16 Needman, J. B., '05 Neeky, Jennie B., '96 Nelson, J. E., '03 Nesbit, R., '11 Neiman, B. F., '14 Neuenschwander, H., '11 Neuenschwander, W. E., Newberger, Leo, '18 Newbourger, M. E., '04 Newhouse, Richard, '83 Nighbert, Geo. A., '11 Nimmons, Rista, '11 Nimmons, Rista, '11 Nimmons, Rista, '11 Nimmons, Rista, '11 Nording, D. P., '11 Nording, D. P., '13 Nutt, H. B., '96 Oberlin, E. R., '17 Nordis, N., '04 Nutt, B., '96 Oberlor, E. C., '09 O'Brien, W. F., '08 O'Dell, Geo., '04 Oliver, D. H., '94 Oliver, S., '37 Olsen, Christian, '00 Ordatz, S. M., '99 Organ, L. L., '10 Orland, C. W., '97 Otis, J. D., '01 Overstreet, Ralph, '18 Owen, W. V., '99 Owens, Frank, '10 Owings, W. C., '14 Owen, W. V., '99 Owens, Frank, '10 Owens, Frank, '10 Owings, W. C., '14 Owen, W. V., '99 Owens, Frank, '10 Owens, Frank, '10 Owing, P. P., '08 *Parker, D. G., '82 Part, H. F., '05 Partierson, F. L., '05 Pattierson, F. L., '05 Pattierson, F. L., '05 Pattierson, R. H., '97 Peatsey, H. H., '12 Pease, Chas. E., '07 Peetlow, Edward, '07 Peetlow, Edward, '07 Peetlow, L. '10 Petterson, J. J., '04 *Phillips, M. J., '04 *Phillips, W. J., '04

Poffenberger, E. D., '04 Pooler, G. A., '81 Porter, Archt B., '13 Porter, Hiram, '96 Poston, J. H., '14 Potter, F. W., '96 Poston, J. H., '14 Potter, F. W., '94 Pow, A. D., Jr., '18 Powell, A. A., '92 Powell, M. D., '95 Prall, D. L., '92 Prall, J. W., '85 Prall, J. W., '85 Prall, J. W., '85 Prall, J. W., '85 Price, C. R., '99 Priest, C. A., '04 Pritchard, M. H., '01 Prow, F. J., '97 Pruner, W. E., '95 Prunell, W. F., '98 Puffer, J. W., '14 Pulley, Jos. Elmer, '18 Purviance, Samuel J., '18 Quinn, B. R., '01 Raber, C. K., '89 *Raber, G. W., '88 Rabus, E. H., '97 Rafferty, G. A., '03 Ragsdale, J. C., '16 Ralston, C. L., '15 *Rank, James, '11 Ramsdel, J. C., '16 Raschig, M. H., '91 Ratcliff, S. E., '05 *Raymond, C. W., '83 Read, P. C., '95 Reetor, Zenana, '07 Redman, C. F., '97 Reford, C., '15 Reese, R. W., '80 Reid, J. D., '97 Redish, Cyril C., '15 Reed, P. C., '95 Reetor, Zenana, '07 Redman, C. E., '97 Redish, C. J., '18 Reese, R. W., '80 Reid, J. D., '97 Reinders, F. W., '03 Reiss, F. H., '89 Rembert, I. B., '81 Repass, G. C., '08 Reynolds, Earl W., '15 Reynolds, Earl W., '15 Reynolds, H. W., '03 Rice, Mude Neff, '94 Rice, W. G., '05 Richards, S. Paul, '18 Richardson, R. H., '90 Riddel, T. M., '02 Riddel, T. M., '02 Riddel, T. M., '03 Riddel, T. M., '05 Richer, J. M., '05 Riddel, T. M.

Rivers, Grover, '12 Robbins, Earl, '11 Rockford, Arthur, '10 Rodger, G. W., '09 Rodkey, Ora B., '13 Roe, L. W., '91 Rogers, J. E., '02 Rogers, Wade D., '18 Rohm, J. L., '10 Rolins, H. T., '13 Rodd, P. A., '92 Root, M. A., '92 Root, M. A., '92 Ross, Alex, '06 Ross, C. D., '10 Ross, Everett, '07 Ross, G. B., '15 Roth, M. J., '08 Roth, S. B., '04 Roth, S. B., '04 Row, F. I., '15 Row, P. A., '90 Rowand, C. Y., '92 Runyan, H. W., '84 Rupert, Glade E., '15 Russell, R. M., '03 Russell, R. J., '94 Russell, R. J., Bartor, M. Lester, '17
Salmon, Wm. S., '16
Sanders, Stark Orben, '18
"Sawhill, F., '82
Schaffer, Wm. H., '16
Scherier, Wm. H., '16
Scherier, J. W., '15
Schermerhorn, J. C., '05
Schlosser, Wm., '00
Schneider, J. J., '04
Schnecker, K. B., '04
Schnucker, Carl S., '14
Schunacher, M., '00
Schrader, L. B., '14
Schunacher, M., '00
Schrader, C. A., '01
*Scott, Hattie G., '91
Scott, Hattie G., '91
Scott, Hattie G., '91
Scott, Hattie G., '91
Scott, Lisle C., --*Scott, T. W., '92
Seal, J. I., '97
Seal, W. I., '01
*Sears, W. O., '01
Seider, J. D., '94
Seidel, Isador, '10
Seidel, Isador, '10
Seilers, S. M., '92
Sellers, S. N., '94
Sensanbaugher, Ray S., '17
Sergis, John, '01
Sessions, R. N., '92
Shaddock, J. F., '10
Shaffer, H. P. D., '00
Shaw, M. R. G., '04
Shawyer, C. M., '02
Sheldon, R. O., '08 Shepard, Raymond G., '17 Shepherd, D. D., '13 Shepherd, R. C., '02 Shepherd, W. F., '00 Sheriff, E. W., '82 Sherman, Wm. C., — Shideler, W. D., '97 Shields, E. F., '91 Shields, H. S., '02 Shields, S. W., '10 Shipman, Alphonso, '18 Shockney, E. V. H., '02 Schoemaker, S. E., '00 Shonwiler, S. B., '00 Shorwiler, S. B., '00 Shorwider, W. Y., '96 Shoup, Leo, '16 Showerman, Glenn A., '17 Shreve, Carl, '17 Shryock, W. W., '82 Siegmund, R. J., '03 Simmonds, C. E., '01 Simmonds, C. E., '01 Simmonds, E. B., '04 Simon, W. R., '13 Simpson, Norman, '97 Singer, D. W., '08 Slater, B. S., '01 Sinkard, R. F., '14 Smailey, H. E., '15 Smead, S. R., '01 Smith, A. J., '83 Smith, C. H., '07 Smith, A. J., '83 Smith, C. H., '07 Smith, D. R., '82 Smith, C. H., '07 Smith, Marqu, '11 Smith, G. H., '97 Smith, J. M., '97 Smith, Stewart, '18 Smith, C. Y., '08 Smith, C. Y., '08 Smith, C. Y., '08 Smith, C. J., '02 Smith, Marqu, '11 Smith, M. Y., '06 Smith, M. Y., '07 Smith, M. Y., '06 Smith, M. Y., '07 Smith, M. Y., '08 Smith, Y. Y., '07 Smith, M. Y., '08 Smith, Y. Y., '07 Smith, M. Y., '07 Smith, M. Y., '07 Smith, M. Y., '08 Smith, Y. Y., '07 Smith, M. Y., '08 Smith, Y. Y., '07 Smith, M. Y., '08 Smith, Y. Y. Y., '07 Smith, M. Y., '08 Smith, Y. Y. Y., '07 Smith, M. Y., '07 Smith, M. Y., '07 Smith, M. Y., '08 Smith, Y. Y. Y., '08 Smith, Y. Y. Y., '08 Smit Somers, Raipn P., Somers, J. H., 'C Souers, J. S., '01 Spalding, G. L., '1 Sparks, F. D., '98 Sparks, J. V., '14 Spates, W. L., '94 Spear, Lewis B., '1 Spears, A. A., '03 '14 Spear, Lewis B., '17 Spears, A. A., '03 Spears, A. T., '01 Spencer, Claude, '17 Spitk, Jay, '17 Spitler, D. K., '07 Spitler, Wilbur E., '17 Spitler, J. M., '85 Stage, J. M., '85 Stages, C. J., '94 Stalnaker, G. J., '03 Stamm, A. F., '10 17

Stamper, W. L., '10 Stanley, Albert, '01 Stark, M. Ralph, '15 Stark, W. J., '14 Starr, O. E., '00 *Stathers, Geo., '83 Stearman, J. W., '04 Stearman, L. R., '16 Steinhart, U. T., '15 Steinhart, U. T., '15 Steinhart, H. Yier, '11 Stephens, F. E., '03 Stephens, W. H., '00 *Stephenson, Griff, '99 Stephenson, Griff, '99 Stephenson, Glark, '13 *Stevenson, F. E., '03 '16 '04 Stephenson, F. E., '03 Stevenson, F. E., '03 Stevenson, Lloyd, '00 Stewart, Jas. S., '06 Stewart, Jas. S., '06 Stewart, W. C., '83 "Stewart, E. E., '86 Stewart, A. L., '07 Stillson, H. H., '11 "Stine, D. L., '11 Stipp, Harold A., '15 Stotekberger, V. C., '05 Stockberger, V. C., '05 Stockberger, V. C., '05 Stolding, C. C., '16 Stotling, C. C., '16 Stowell, T. C., '02 Strain, J. L., '03 Strange, Leonard, '97 Start, W. W., '10 Study, C. A., '04 Sullivan, M. F., '17 Sullivan, M. F., '18 Swindler, R. L., '04 Swindler, R. L., '04 Swindler, R. L., '04 Straintor, G. W., '85 Taintor, H. Howard, '11 Taylor, H. Howard, '11 Taylor, H. Howard, '11 Taylor, H. Way, '01 "Tereter, R., '14 "Tawelaton H. L '00 '90 *Taylor, M. W., '01 *Teeter, R., '14 Templeton, H. J., '00 Tevis, W. L., '90 Thacker, H. H., '01 Thomas, F. I., '97 Thomas, G. A., '97 Thompson, G. W., '90 Thompson, G. W., '90 Thompson, G. W., '90 Thompson, W. H., '99 Thompson, W. H., '99 Thompson, J. A., '08 Thompson, J. A., '08 Thompson, J. A., '04 Todd, F. C., '94 Timkis, A. R., '09 *Timkham, C. P., '91 Todd, A. H., '14 Todd, W. L., '00 117 Toliver, H. C., '09 Torrence, W. G., '10 Tw, Jesse V., '18 *Toye, J. W., '03 Traylor, Lloyd, '04 Trinkle, L., '04 Trippe, E. R., '90 *Trixler, Frank, '13 Trusler, Frank, '13 Trusler, Frank, '13 Trusler, C. B., '97 *Ucker, H. B., '90 Tucker, L. S., '08 Tucker, L. S., '08 Turker, F. W., '99 Turner, Ralph, '18 Turney, H. N., '11 *Tyler, E. B., '92 Underwood, G. V., '07 Unthank, A. H., '90 *Upjohn, W. H., '93 Urban, C. C., '02 *Urich, L. E., '81 Urquiola, Orfilo, '16 Van C. JW., '96 Van Gidler, Bert, '04 Van Gilder, Bert, '04 Van Scoyoc, C. C., '96 Van Scoyoc, W. M., '95 *Van Swearinger, L., '04 Van Scoyoc, W. M., '95 *Van Swearinger, L., '04 Van Scoyoc, W. M., '95 *Van Swearinger, L., '04 Van Scoyoc, W. M., '95 *Van Swearinger, L., '04 Van Scoyoc, W. M., '95 *Van Swearinger, L., '04 Van Vatzah, R. W., '05 Vau Scoyoc, W. M., '95 *Van Swearinger, L., '04 Van Vatzah, R. W., '06 Van Scoyoc, W. M., '95 Walker, C. P., '18 Walker, C. P., '18 Walker, C. P., '18 Walker, F. M., '13 Walsh, J. M., '07 Walsh, J. M., '07 Walsh, J. M., '07 Walsh, J. C., '81

Wampler, G. S., '03 Wampler, Louis E., '18 Warber, Albert J., '16 Warczak, B., '18 Ware, H. A., '16 Warvel, F. B., '07 "Waugh, J. E., '81 Weatherholt, Carey, '18 Weaver, C. W., '10 Weeks, C. H., '95 Weiman, Gustav, '85 Weir, G. E., '09 "Weissel, W. E., '89 Weller, W. D., '96 Welsch, Emil L., '18 Welsch, Edgar, '17 Wenrich, Ray, '01 West, C. W., '02 "West, Dewitt C., '81 Whaley, Noah A., --West, C. W., 02 *West, Dewitt C., '81 Whaley, Noah A., --Wheeler, W. A., '03 Wherry, J. G., '95 Wherry, Lee, '18 White, A. E., '04 White, A. E., '04 White, A. B., '97 White, C. E., '03 White, Douglas, '18 White, J. A., '02 White, R. H., '01 White, R. H., '01 White, R. H., '01 White, C. E., '03 White, M. L., '92 White, R. H., '01 White, R. H., '01 White, J. E., '03 White, J. S., '05 Whitenburg, I. N., '94 Widup, B. A., '03 Wilkinson, Lex E., '14 Widup, B. A., '05 Wilkinson, Lex E., '1 Wilkison, E. D., '03 Will, Carl, '05 Will, James, '02 Willey, Sarah, '05 Wickwire, G. N., '96 Wilcox, R. F., '10 Wild, M. C., '97 Wildason, F. A., '99 Wilkins, L. E., '12 Wilkinson, E. D., '03 Williams, C. F., '91 , '14

*Williams, C. P., '01
Williams, F. W., '00
Williams, H. M., '05
Williams, N. N., '00
Williams, R. H., '17
Williams, R. H., '11
Williams, N. V., '96
Willis, N. G., '04
Willis, N. G., '04
Wills, N. G., '04
Wills, N. G., '04
Wills, N. G., '11
Wilson, John L., '12
Wilson, J. E., '03
Wilson, J. E., '03
Wilson, W. J., '10
Wilson, W. N., '86
Wilson, W. S., '83
Wilt, A. I., '02
Winchester, F., '92
Winchester, H. S., '00
Wirt, J. E., '04
Withers, W. L., '05
Witt, G. C., '01
Withers, W. L., '05
Woodzuf, J. E., '20
Woodruff, J. E., '20
Woodruff, J. E., '21
Woods, F. E., '22
Woodruff, C. C., '07
Wirght, G. C., '07
Wright, G. C., '04
*Wright, L. O, '95
Wyatt, Ford W., '16
Yape, N., '16
Yape, O. E., '12
Yerxa, C., '05
Young, G. L., '10
Young, G. L., '10
Young, C. M., '20
Young, C. M., '20
Young, C. M., '20
Young, C. M., '16
Yape, M. M., '20
Young, C. M., '20
Yuele, Frank E., '00
Zubrod, J. O., '05

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We always need dissociated teeth. Send in all of the teeth you can, by express, collect. Also students are requested to bring as many extracted teeth with them as they can.

