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OHIO NORTHERN ALUMNUS



PUBLISHED QUARTERLY BY THE ALUMNI ASSOCIATION OF OHIO NORTHERN UNIVERSITY AND ITS ASSOCIATED CLUBS

Vol. II
Vol. II

JANUARY, 1929

NUMBER 4

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Vol. II, No. 4

January, 1929

OHIO NORTHERN ALUMNUS

Published Quarterly by the Alumni Association of Ohio Northern University and Associated Clubs. Business Manager, J. J. Pilliod Editor, Warren F. Hickernell OFFICE, 15 ASTOR PLACE, NEW YORK, N. Y.

Entered as second class matter May 10, 1927, at the Post Office at New York, N. Y. under the act of March 3, 1879. Subscription price \$1.00 per year; single copies 35 cents.

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ROBERT WILLIAMS Our President-Elect

NEW PRESIDENT-ELECT OF OHIO NORTHERN UNIVERSITY

When President Albert E. Smith, of Ohio Northern University, announced in June, 1927, that he desired to lay down the responsibilities of the presidency of Ohio Northern at the close of his twentyfifth year of active service in June, 1930, it became the immediate and urgent concern of the board of trustees to elect a worthy successor. Under the presidency of Dr. Smith, the development of Ohio Northern reads like an educational romance. On the suggestion of President Smith, the trustees agreed to grant him a year's leave of absence for the last year of his incumbency, returning only in June, 1930, to preach the baccalaureate sermon and present the diplomas to the class of 1930. This made it necessary to elect an acting president to take office September 1, 1929, with full presidential powers until June, 1930, when automatically he would become president of the institution.

For more than a year a committee of the board of trustees have worked diligently to secure a leader of spiritual vision, of educational experience, and of administrative leadership. On December 26, 1928, in their mid-year meeting, the trustees of Ohio Northern University unanimously elected Dean Robert Williams, of Albion College, Albion, Mich., to this challenging responsibility. Dean Williams is a graduate of Wesleyan University, Middletown, Conn., with his degree of Master of Arts in Philosophy from Boston University, and with most of his work completed for the degree of Doctor of Philosophy. For nine years he was a pastor in the New York East Conference, and for the past eleven years has been in educational work. From 1918 to 1921 he was dean and professor of English and Greek in Williamsport Dickinson Seminary, Williamsport, Pa., and since 1921 has been dean and professor in Philosophy at Albion College, Albion, Mich. He will come to Ohio Northern with a training for educational leadership which will be gratifying to all students, alumni, and friends of the university. He is a preacher of rare ability, and a spiritual leader of contagious power. As a leader in community life he has been president of the Albion Chamber of Commerce, also a delegate to the International Rotary Convention. His family consists of a wife and two children, a son and daughter, the son now being a student in the alma mater of his father. Dean Williams will be heartily welcomed to this post of honor and opportunity.

ALUMNI SECRETARY

Each and every one of us like to pick up the Sunday paper and when looking over the football scores see Ohio Northern University on the winning side. The same is true of basket ball, track and any other collegiate sports. It is human nature to feel proud when teams representing our Alma Mater win.

It is quite true that we are at present and have been for some time unable to experience this joy only on few occasions. It is a long story and no attempt will be made in this brief space to tell the details, suffice to say that it is not always the fault of the coaches that we do not win more games, but rather it is a fact that we do not have sufficient men of athletic ability on the teams. In bringing about a better situation in athletics, the Alumni Secretary will play an important part. We will have winning teams and it will not be necessary to go out and buy crack high school athletes, in fact, Dr. Miller, our new Director of Athletics, is opposed to such practice.

When the Alumni Secretary is established he will work with the local Clubs, assisting them in selling Ohio Northern University to prospective students with outstanding athletic ability, who wish to pursue one of the many courses offered by the University. If such prospective students need financial assistance, the secretary will cooperate with the Director of Athletics and Coaches in obtaining employment which will help them to help themselves. With the opening of the new Taft gymnasium we will have one of the best physical educational plants in the State and there will be many jobs about the building that someone will have to take care of and this will afford splendid opportunity for employment of such worthy students. In this manner we will attract and get students of better than average ability in athletics and in so doing we will in a very few years have athletic teams that will be consistent winners.

We are glad to report that considerable progress has been made by the various Alumni Clubs in securing contributions to the Alumni Secretary fund. There is still a great deal to do before we can call our job complete, and it is urged that each and every officer of local Clubs rush to an early completion the canvass of all members of their Clubs in order that we may secure our full quota as soon as possible.

This Alumni Secretary proposition received a tremendous boost when the Board of Trustees of the University met in Ada on December 26th. Not only did they select a new President, but they gave their unanimous approval to the plan of establishing an Alumni Secretary. They even went farther than that, agreeing to loan the Alumni \$3000 to get the proposition started immediately, provided we, the Alumni, secure among ourselves an equal sum of \$3000 before Commencement Day this year. This is a fair proposition and it puts the whole matter up to us; it is in our hands, and what are we going to do with this opportunity? The Committee feel confident that the Alumni the country over will meet this challenge with a response typical of the spirit of rivalry which was developed on the campus and which now is in the heart of every man and woman who will not rest until this goal is reached. A check for \$10, \$20, or \$50 will do the trick.

Every Alumnus should be given the opportunity to share in this great work which is the most important task the Alumni themselves have ever attempted. Every one who contributes to this fund will share in the joy and satisfaction that they were a part and party to one of the finest contributions ever made to the University. No attempt has as yet been made toward selecting a secretary, on account of the necessity of securing the necessary funds and because the Committee has thought it best not to make an appointment until the funds are secured.

Mail your check to the Chairman of Alumni Secretary Committee, L. H. Gardner, 14714 Superior Road, Cleveland, Ohio.

Pittsburgh Alumni Plan Willis Shrine

Frank B. Willis chapter of Ohio Northern Alumni Association held an important meeting in the University of Pittsburgh Faculty Club, Wednesday evening, December 5.

This club is under the leadership of Dr. William K. McKay, B.S. '07, professor of economics, University of Pittsburgh, as president; Dr. Dante Pigossi, B.S. '17, vice-president; Chester L. Sterling, B.S. in E.E. '20, secretary-treasurer.

President McKay was stricken with a severe case of neuritis a day previous to the meeting and was unable to attend. The meeting was called by Dr. Pigossi, who presided in a happy and efficient manner.

The program consisted of club singing, short, informal talks by several alumni, headed by Stevens, Cotton, Hough and others, and addresses by Prof. Raabe and Dr. Smull. The latter exhibited several films of campus scenes and activities. Appointment of a committee to study the problem of some suitable memorial to our deceased distinguished alumnus and benefactor, Hon. Frank B. Willis, was one of the main features.

Presentation of the plan for a full time secretary by L. H. Gardner of Cleveland, chairman of a special committee, was well received and endorsed by all.

Prof. J. A. Ringer was also one of the moving spirits that contributed to the success of the meeting.

The Pittsburgh district has claimed several hundred of our graduates and many of them have gained places of prominence in their chosen fields.

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Continuing the series of articles by alumni who are personally connected with important projects which are of interest to us all, we are including in this issue an



K. B. McEachron, E.E., M.E. '13

article on "Electric Transmission and Lightning," by Mr. Karl B. McEachron. Mr. McEachron is in charge of research engineering pertaining to the development of lightning arresters and associated protective equipment for the General Electric Company at Pittsfield, Mass.

A native son of New York State, having been born at Hoosic Falls in 1889, Mr. McEachron received his early education in the schools of his native city. Prior to entering Ohio Northern in 1910, he worked a few years with the local telephone company. After graduating in 1913 with the degrees of E.E. and M.E., he spent one year in the General Electric Testing Department. The years from 1914-1918 were spent at Ohio Northern as Professor of Electrical Engineering, and from 1918-1922 at Purdue University where he received his degree of Master of Science in Electrical Engineering.

In 1920 while at Purdue he conducted some important research on the fixation of atmospheric nitrogen which resulted in the publication of two engineering station bulletins. Some time prior to leaving Purdue he was made Research Associate in the Engineering Experimental Station.

In 1922 Mr. McEachron returned to the General Electric Company in Pittsfield, Mass., and was placed in charge of the Lightning Arrester Engineering Department. In addition, he finds time to do considerable writing, having prepared a great number of technical papers for the American Institute of Electrical Engineers as well as articles which have been published in a number of magazines.

Mr. and Mrs. McEachron have five children, the oldest of whom will soon be ready for college. They are pleasantly situated in the Berkshire Hills and would welcome a visit from any of their acquaintances of years gone by.

ELECTRIC TRANSMISSION AND LIGHTNING By K. B. MCEACHRON

Probably the greatest source of interruption to our electricity supply systems is lightning. Thunder storms occur with considerable frequency during the summer months and the transmission engineer is never able to rest easy while storms are in progress over the system. Today with the large inter-connections between systems the troubles have been multiplied because not only does one get his own disturbances but he may get disturbances from a neighboring system. Lightning has always been a natural force which has given rise to awe and fear in mankind. Although not commonly known, lightning may be of great benefit in the fixation of atmospheric nitrogen taking place during thunder storms. It has been estimated, based on experimental evidence, that approximately one hundred million tons of fixed nitrates fall on the surface of the earth each year as a result of thunder storms. Lightning may strike a transmission line causing the flashover of a line insulator with consequent interruption to service. Such an interruption usually is only momentary. Lightning may strike apparatus either in outdoor stations or mounted on poles which may result not only in the loss of equipment but a rather long interruption to service.

It is not necessary, however, for lightning to strike a transmission line for high voltages to appear in such conductors during thunder storms. If the cloud is over the line at the moment a lightning flash occurs between the cloud and some other point, not the transmission line, a potential will appear on the portion of the conductor under the cloud, which potential may be as high as one hundred thousand volts for every foot of conductor height. Voltages close to three million have been measured on transmission lines as the result of lightning.

From the standpoint of the operator a lightning surge in the transmission line may cause damage to the line insulators or may travel to station equipment and perhaps result in its failure. Therefore the operator wishes first of all to prevent the line insulators from flashing over, perhaps causing damage to the conductors and probably causing an interruption to service. To do this he has certain means at his disposal. He may put more insulators in the string, he may decrease the height of his towers keeping the conductors nearer to the earth or he may use grounded wires which are not insulated from the towers. Experience thus far has shown all of these to be of benefit but even under the best conditions insulators still flash over during storms.

In the stations, protection of apparatus may be secured by using protective devices such as lightning arresters, gaps or in some cases by making the insulation of the equipment stronger than that on the transmission line. The purpose of the protective device is to prevent the application of voltages to equipment in excess of its strength. If a gap is used its functioning will be likely to result in an interruption to service. With a lightning arrester protection is secured without allowing current from the system to flow through the arrester and therefore no interruption to service will take place.

The problem of lightning protection both to lines and apparatus has not been on a very exact basis because of the lack of measuring instruments which would record the variation in voltage and current during times of the order of a few millionths of a second.

To satisfactorily record the performance of a lightning arrester and to depict the travel of electric waves along transmission line conductors, it is necessary to make use of a device called the cathode ray oscillograph.

In this equipment a pencil of cathode rays, which is a stream of electrons and traveling at high velocity is made to strike on a photographic film, thus leaving a trace of the motion of the cathode stream. Because of the velocities involved this stream of electrons may be considered as having no inertia and since the stream may be deflected by either electric or magnetic fields it is possible to secure a record of changes of voltage or current which may take place in the incredibly short space of time of a fraction of a millionth of a second.

The marvelous ability of the cathode ray oscillograph is well shown in the accompanying illustration, showing the breakdown of a sphere gap. In this photograph the electron stream is being moved back and forth horizontally one million times a second and thus a time of one-half of one millionth of a second represents the time scale of the oscillogram.

The voltage, which was obtained from the discharge of a condenser, is shown ris-

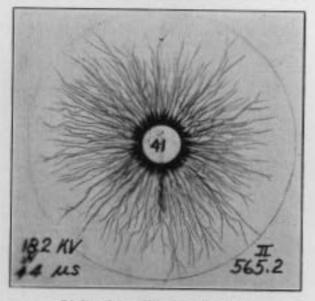


Cathode Ray Oscillogram

ing to its crest value in a time of about one quarter of a millionth of a second. Following the gap breakdown are seen oscillations in the recording of some of which the spot moved over the film at velocities in excess of one thousand miles a second. The cathode ray oscillograph then becomes our most valuable tool for studying phenomena expressed electrically, which may take place in times much shorter than referred to in the common expression "as short as the twinkling of an eye."

By the use of the cathode ray oscillograph we have been able to examine in detail the operation of protective devices under all kinds of conditions with confidence that the results are scientifically correct.

The cathode ray oscillograph with its equipment is at the present time an expensive device. It requires considerable ability and technique on the part of the operator. There has been developed a device for recording transients on transmission lines called the klydonograph or surge voltage recorder. This device consists essentially of a long photographic film arranged to be moved by clock work over an insulating cylinder whose inside surface is metalized in some manner and connected to earth with the electrode which is connected to the transmission line, pressing on the emulsion side of the photographic film certain peculiar figures result, called Lichtenberg figures, when transient voltages are applied to the electrode.



Lichtenberg Figure-Made in The Surge Voltage Recorder

Since we cannot very well take the cathode ray oscillograph out into the field on a large number of installations we have calibrated the Lichtenberg figures by the use of cathode ray oscillograph so that the variation in the appearance and the size of the figures with wave front and potential is now known. Such a Lichtenberg figure obtained with a voltage of 18 kv rising to its crest in forty-four millionths of a second is given in the illustration.

Just now we are engaged in a study of the effect on transmission lines and connected apparatus of the application of manmade lightning to the transmission line. For this purpose the Turners Falls Power Company have given us the opportunity of applying transients to one of their 66 kv transmission lines.

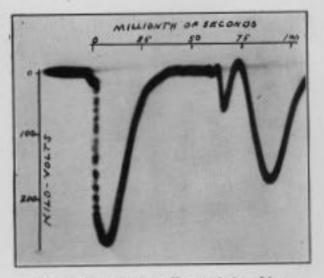
An impulse generator has been built having an open circuit potential of 400,000 volts. This machine is truly portable and can be moved along the line as desired.

At the point where the line terminates in substation equipment is located the cathode ray oscillograph with all the accessory equipment. Here it is possible to study how waves of varying fronts and magnitudes and shapes of tail may reflect or react on apparatus as they travel through the line. An experimental check is being obtained on the laws governing these traveling waves which will show, how they attenuate, the effect of changing circuit constants and the efficacy of the ground wire in reducing the potential of traveling waves.

This is the first time that work of this nature has been undertaken and it should lead to a very much better understanding of how to design transmission lines and the value of the various protective means which may be employed to prevent interruption to service during lightning storms.

One oscillogram is reproduced herewith showing a wave rising to its crest value of 270 kv in six microseconds. The second wave which is shown to the right is the reflection of the original wave as modified by apparatus connected to the line 5.7 miles away from the oscillograph.

It is pictures like these showing the actual form and characteristics of these waves which are going to rapidly advance the art of lightning protection. Up to now we have had no means of knowing what



Impulse Applied to Transmission Lines

the voltages in a station would have been without the protective devices if the device is present and functions. Now, however, we are able to secure a record of the original incoming wave without the apparatus and then connect in the various pieces of equipment as desired so that the effect of each may be evaluated correctly.

At the same time this cathode ray oscillograph work with man-made lightning is being conducted, other installations will be ready next Summer to obtain records showing the characteristics of natural lightning. Once the various forms in which lightning can occur have been determined the man-made lightning machine will be modified to give this form and many experiments can be conducted in a short space of time arriving at the answer, years earlier than would be required if we depended on natural lightning alone.

Band Fraternity to Sponsor Music Window

Kappa Kappa Psi, honorary band fraternity will sponsor one of the memorial windows in the new Presser Music Hall. Plans for financing the window were discussed at a recent meeting of the fraternity.

The memorial windows, of which there are eight, cost approximately \$500 apiece to install. Each window will commemorate some esteemed musician. The band fraternity plans to finance the project through former band members.

First Engineer-Pharmic Day Encounter

By "GREEN SHIRT" CLOYD

Some years prior to 1911 the pharmacy department greatly outnumbered the engineering department in students and once a year, about Thanksgiving time, some twenty-four hours was set apart in which the pharmics utterly, absolutely and positively mopped up the town with the engineers (i. e., those who remained in town), but in 1910-11 this condition had gradually changed until the reverse condition existed when the engineers outnumbered the pharmics about four to one, with the result apparent.

With such an advantage there no longer existed any real sport in the way of any competitive fight or fray between the two departments, and the mere plastering of the town with posters and the annual night shirt parade was not sufficient to satisfy the spirit and desire of both student bodies. With the score for the past probably standing even as to both departments in the annual affair, a joint committee from both departments felt that probably the best substitute for the annual fight between the two largest departments of the school was a final and complete abandonment of the past policy; and as a final chapter to this yearly affair decided on the hatchet burial celebration, with no thought whatsoever that it would be continued from year to year and here, briefly, is what can be recalled of the affair.

Chapel was ordered dispensed with by common consent of the students of the two departments, with police committees of both departments guarding the doors in compliance with that order; the chapel bell was tolled from seven to eight a. m. and promptly thereafter during the chapel half hour, the students of the two departments formed a great "V" on the campus, Pharmics on one side and Engineers on the other, with other students and citizens as onlookers out on Main Street.

Presently at 8:10 a. m. in a blinding snow storm, led by the Ohio Northern University band to the strains of "Lead Kindly Light," "Nearer My God to Thee" and "God Be With You Till We Meet Again," the procession moved slowly up Main Street with bared heads to the point of the "V," followed by the pall bearers carrying the blood-stained stretcher, on which reposed a bright red wooden hatchet. At this point the procession halted while an oration as a parody on Lincoln's Gettysburg speech was delivered.

The hatchet was placed on a prepared fire at the close of the ceremony, with an Indian war dance around the same by a dozen students, half Pharmics and half Engineers. After this a speech of approval and blessing by Dr. Smith was heard, as well as statements by Deans Smull and Moehler of the two departments accepting the new order, and ensued a joint pharmic-engineer parade all over town with a consequent closing of all classes in each department that day.

Northern Man Appointed Chief Engineer

M. F. Longwill was born in

Indiana, Pa., on

February 13,

1885, and gradu-

ated from Ohio

Northern in 1906

with the degree

of Mechanical

Engineer. Enter-



M. F. LONGWILL

ing the railway service in the engineering department of the Missouri Pacific, he was promoted to various positions up to 1911 when he was made Assistant Engineer at Sedalia. Four years later he became Resident Engineer on the Union Railway at Memphis, Tenn., where he remained until 1918, when he was appointed Division Engineer on the Wabash at Montpelier, Ohio. In 1923 Mr. Longwill was promoted to Assistant Chief Engineer with headquarters in St. Louis, and to be Assistant to the President in 1926. Effective December 1, 1928, Mr. Longwill became Chief Engineer of the Wabash Railway.

Mr. and Mrs. Longwill reside at 921 Big Bend Road, Oakland, St. Louis County.

O. N. U. Man Active in Hoover Campaign

Dr. John W. Gries, Outstanding Econo-mist, One of President-Elect's Advisers on Speeches

That a former Ohio Northern man, a native son of Champaign county, played an important part in the presidential campaign just closed, is revealed in an article in a recent issue of the Washington, D. C., Star, which says:

"Herbert Hoover had the assistance of one of the country's outstanding economists in the preparation of his campaign speeches. This advisor was John M. Gries, 51, a native of Ohio. He was educated at Ohio Northern and Miami and studied later at Wisconsin and Columbia.

Dr. Gries has held many important positions, among them, special agent for the U. S. Bureau of Corporations, director of Harvard Bureau of Research, and a member of the Harding conference on unemployment. He has been closely associated with Secretary Hoover in the department of commerce, being the head of the better homes division of that department.

He is quoted by Will Irwin in his noted biography of Herbert Hoover as an eminent authority in this line of endeavor. He is the author of many books and treaties on home owning and kindred subjects.

It is to be expected that one so closely associated with Mr. Hoover as an advisor and co-worker for many years will stand high in the councils of the new president when he assumes his office.

Prof. Binkley Wins \$500 Essay Prize

W. E. Binkley, Professor of Political Science at Ohio Northern University, has been awarded first prize of \$500 by the Lawyers' Club of the University of Michigan for his essay on the subject, "American Institutions.

Professor Binkley received news of the award on December 26th. The contest, which is conducted annually by the club, is open to students and faculty members. of every college in the United States. The prize is awarded for the best constructive paper on phases of governmental functions.

Members of the Supreme Court of the State of Michigan acted as judges

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HATCHET BURIED WITH SPECIAL CEREMONIES

The annual peace-making ceremonies conducted by the Engineering and Pharmacy students of the respective colleges, started on Thursday evening, November 15, and continued on into the next day.

Following the roll call and fireworks, the men clad in night clothes wound and twisted down the streets, yisiting the professors' homes. The order in which the homes were visited were Professor Hamsher's, Dr. Smith's, Dean Raabe's, Professor Campbell's and Dean Needy's. At Dean Needy's home the men stopped to hear the dean speak. Apples were passed out at the conclusion of his talk.

Abandoning the parade, and meeting at the armory, the men continued the festivities. Refreshments were served between the various speeches. The professors who spoke were Raabe, Needy, Hamsher, Harrod, Whitted, Webb and Campbell. To finish the evening the men saw the movie, "Sally's Shoulders," at the Odeon (free of course).

Friday morning saw the gathering of the Pharmics and Engineers march into chapel in double file, preceded by the coffin, and six pall bearers. Immediately after chapel the Pharmics and Engineers marched out to the right side of the Lehr building, and buried the hatchet.

At 10 o'clock the celebration continued with a tug of war which was won by the Engineers. Between halves of the football game a greased pig was released which afforded much amusement for those present. The pig was finally tamed and captured by R. Skerrett of the College of Engineering.

Climaxing a day of real college rivalry the Engineers showed their superiority and ran rough shod over the Pharmics, 12 to 0, in their annual football contest.

It was the first victory for the Engi-

neers in three years, but it was a noble one. It was the first real contest that has ever been held between the two colleges. For weeks the men of each college had practiced faithfully and they appeared on the field as a fine drilled unit. Both of the Engineers' scores came about as the result of a Pharmic fumble.

	Line-up	
Engineers		Pharmics
Young	L.E.	Orr
Balick	L.T.	Haszuck
Stoner	L.G.	Shipman
Green	C.	Sommers
Stoll	R.G.	Margolis
McCaughey	R.T.	Gredman
Getzendanner	R.E.	Roland
Raison	Q.	Stringer
Gideon	L.H.	Van Duke
Grimm	R.H.	Anderson
Cottrell	F.B.	Richardson

Subs for Engineers-Light, Uotter, Roberts, Linard, Jacobs, Merkle, Saucheck,

Carrier, Lang, Ramonady, Seeland. Subs. for Pharmics-Franke, Deisher.

Score:

Engineers	0	12	0	0 - 12
Dharming				0 0

Officials: Referee, Meredith (Denison; Umpire, Zimmer (Ohio U.); Head Linesman, Miller (Ken. Wesleyan); Timer, Needy, Purdue.

A new custom has been started this year which will be followed by the two rival colleges of Engineering and Pharmacy. The college winning the annual game wins possession of the ball used during the game and displays it in their building.

Having carried off all the honors in this year's celebration, the alumni of the College of Engineering have every reason to feel proud of the fact that their understudies are maintaining the Engineers' traditions of by-gone years.

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Dean Rudolph Henry Raabe



The subject of this sketch hails from the western part of Putnam County, Ohio, that portion which formerly belonged to the northeastern portion of Van Wert County. He made his initial appearance there on the eighth day of June, 1881classically speak-

ing, that was his birthday.

A number of years ago when introduced to a group of teachers in his home county, he was referred to as being "all wool, homespun, handspanked, and a yard wide.' A former instructor of his when introducing him to a convention of teachers said. "The speaker about to be introduced has had the advantages of an unique home away from unfavorable environment and where he had time to read, play and think without interruption. I first discovered him sitting by a shock of corn reading a book on nature study. A few weeks later I saw him, while giving his team of horses a rest, reading a new book on physical geography. He loves God's out of doors. I am sure you will be delighted with his message."

After having taken advantage of all the educational advantages of his home community and having been certified to teach in the public schools, he entered Ohio Northern University in the summer of 1900. During the period from 1900 to the close of the summer of 1903 he worked, played, and prepared himself in accordance with Northern's program of that time. Later he spent three years as a high school teacher and three years as an apprentice with Dr. Joseph E. Stephan, a pharmacist-physician. In 1909 he re-entered Ohio Northern and engaged in additional scientific work, devoting his time to biology, chemistry and pharmacy. In 1911 he was made an assistant in the pharmacy section of the College of Pharmacy. During the period from

1912 to 1915 he served in several divisions of the University and became assistant in alkaloidal assaying and in the art of compounding. In 1915 he became Professor of Pharmaceutical Botany and Pharmacognosy, and in 1917 he was made Dean of the College of Pharmacy and Professor of Pharmacy.

He completed his baccalaureate in science in 1903, graduate in pharmacy in 1910, and pharmaceutical chemistry in 1911.

At present Dean Raabe is serving the Ohio State Pharmaceutical Association as Chairman of their Committee on Pharmaceutical Education and for a number of years in the past he has served on this committee either as a member or as its chairman. He has also served on special and regular committees of the American Pharmaceutical Association on Pharmaceutical Education.

Education in all its phases has been one of Dean Raabe's delights. His untiring efforts in this direction may be attributed as one of the reasons for Northern's College of Pharmacy becoming a member of the American Association of Colleges of Pharmacy, the standards of which being almost universally recognized.

Outside of everyday school life Dean Raabe finds great pleasure in promoting the interest of the church. He is an actual Past Master of the local body of Masons, a Past Patron of the Order of the Eastern Star, a Knights Templar, and a Thirtysecond Degree Mason of the Scottish Rite.

His greatest interest has been with the youth of the campus, all of them, but more especially with the students in the College of Pharmacy.

O. N. U. Has Monopoly on Marion Lawyers

Ohio Northern University almost has a monopoly on law graduates who have begun the practice of law in Marion in recent years, according to the Marion Star.

A recent check of the legal directory shows that 11 out of 14 of the younger attorneys are Northern men. Six of these have opened offices since January 1, 1928.

PHARMACY AT NORTHERN—A NOBLE BEGINNING

By RUDOLPH HENRY RAABE Dean of the College of Pharmacy

Dad was sitting in front of the open fire, Mother was quietly pacing to and fro doing her evening's work, Sonny was lying on his back on the floor, thumb in mouth, when suddenly he withdrew his thumb and attracted attention by his laughter. Dad said, "What's the matter, Sonny?" Sonny replied, "I was just thinking of how things were in the beginning." We, too, are in-terested in beginnings. Thousands of the old boys and girls are interested in the beginning of the College of Pharmacy of the Ohio Northern University. Perhaps many of you know the early history of the Department of Pharmacy much better than the writer. An attempt will be made, however, to gather a few facts together which may be old to some of you and new to many others.

The founders of Ohio Northern had a peculiar alertness that when thoroughly understood will account for the beginning of instruction in pharmacy here. A few sentences from the early catalog will give you a clearer conception of these beginnings. In the catalog of the North Western Ohio Normal School, 1870-71 (the first catalog ever issued by this institution so far as the writer knows) will be found the following statement: "The Normal is the result of a series of Select Terms held during the autumn months of the past three years where a large number of the teachers of the surrounding counties have received practical ideas of teaching. The patronage exceeded the accommodations. Through the liberality of the citizens of Ada and vicinity, a beautiful and attractive building eminence has been donated upon which a first-class school building is in progress. It will be a commodious brick edifice three stories above the basement, of modern style and finish, with ample accommodations for at least 400 students."

The building alluded to must have been the old Administration Building, the building in which thousands of the earlier students attended classes, recitations, and chapel. Volumes could be written in regard to these early days. As yet no department of pharmacy is mentioned and all emphasis was made on teaching, prepara-

tion of teachers, and instruction and what was then designated as the classics and cultural subjects.

In the announcements for the school year, 1885-86, we find this statement : "To our Friends and Patrons: We present you this catalog under our new name. The great principles upon which the school is founded shall continue to be her Palladium in the future. Fourteen years ago when the school was formally opened we gave it a local name because its patronage then was local. Then we had but three departments, Literary, Commercial and Musical. Now we have not only the three above mentioned and greatly enlarged, but also Engineering, Law, Medical, Military, Fine Arts, Telegraphic and Stenographic. Then, as is the custom in small schools, the teacher had to attempt to teach something in every department over the whole course of human knowledge; now each instructor has his specialities that he may perfect himself in his work.'

The new name alluded to was Ohio Normal University. Personal interview with the founders a few years ago indicate that they were extremely ambitious to offer training in all phases of worthwhile human endeavors. The medical department was in reality a pre-medical course. Not all of the work was done on this campus, but was combined with a medical school located elsewhere. In 1886 (announcements for 1886-87) we note the following: "The increasing demands of students wishing to engage in the study of pharmacy have led the faculty to establish this as a distinct course." As near as we are able to interpret from the catalog, the pharmaceutical training during the previous year had been done in connection with the medical department. While no mention is made in the catalog relative to requirements for registration as pharmacists in the State of Ohio at this time, we do note from outside sources that at this time a law had been passed which required registration of those who wished to practice pharmacy in Ohio. Those who had been engaged in the practice of pharmacy for a certain length of time, could, upon applica-

tion and proper recommendation, be registered without examination. All future registrants would have to take an examination as given by the Board of Pharmacy. Thus we note the reasons for the demand for separate classes in pharmacy. It will interest you to know that the first name to appear in the catalog over the title Instructor in Pharmacy, is Charles S. Ashbrook, a man who through all these years remains a pharmacist, is practising pharmacy at the present time and is most highly loved and revered by all who know him and by the members of the Ohio State Pharmaceutical Association. We also note this statement in the catalog: "the exact limit of the course is not yet determined, but is expected to extend over a course of thirty weeks. Students entering this department will be expected to have a good general knowledge of the common branches." Later we find, "The favorable reception of the first announcement of this department and the wonderful success of its students has induced the faculty to enlarge and greatly extend the course making it second to none. It will be complete in every respect. No expense has been spared to make this department thorough; our object being to prepare students to fill positions anywhere in this country as practical pharmacists. The length of the course has been fixed at forty weeks. Ladies will be admitted to the department.

If the writer were to guess who wrote this last quotation, without a doubt he would have to say, "That sounds like Ashbrook." Note its breadth and depth. Also note the positiveness in regard to thorough preparation and last, but not least, ladies will be admitted to the department.

It is not out of order to call your attention at this time to the fact that we now have a ladies auxiliary to the Ohio State Pharmaceutical Association established within the last few years and that was sponsored and championed by Ashbrook.

In the announcement 1889-90 appears the name of C. C. Sherrard as instructor in pharmacy. Just recently one Louis Huber residing in Delphos, Ohio, informed the writer that this same C. C. Sherrard now resides near Angola, Ind. These gentlemen, no doubt, could give you very interesting information relative to the pharmacy department in those early days.

In 1890 appears the name of Scott Young as instructor in pharmacy. The following year the name appears as B. S. Young, then in 1892 appeared the name B. S. Young, Professor of Pharmacy and Advanced Chemistry. Professor Young remained for a number of years, until 1905. During the period between 1890 and 1905, the catalogs are full of names, literally hundreds of them, from various points in Ohio and adjoining states who received instruction here in pharmacy. At this point it would be proper to say that someone who knew Professor Young well should write relative to this period. Those who sat in Professor Young's classes report him as a vigorous, highly energetic, intellectual and inspiring teacher.

In 1898 the founders of the school, after a long period of teaching and administration, sold the institution to the Central Ohio Conference of the Methodist Episcopal Church, which Conference was greatly enlarged, renamed and now known as the Ohio Conference of the Methodist Episcopal Church.

Professor Young, as many of you will remember, was attracted during his later years to a great number of outside activities. These finally absorbed so much of his time and attention that he relinquished his position as Professor of Pharmacy and Advanced Chemistry, and new names appear in the catalog.

In the catalog of 1905, we note the name of D. Christian Mohler, Professor of Pharmacy and Dean of Pharmacy, and Lenix C. Sleesman, Professor of Advanced Chemistry. Here you will notice that pharmacy is being taught by one man and advanced chemistry by another. Heretofore, elementary and fundamental chemistry had been taught by the professor of chemistry in the School of Arts. Professor Mohler resigned as Professor of Pharmacy at the close of the school year 1916-17. This was about the time we were in the midst of the Great War. Professor Sleesman was made Professor of Chemistry and Director of all the divisions of chemistry in the institution.

In 1917 the writer, who had been designated heretofore as Professor of Pharmaceutical Botany and Pharmacognosy, became Dean of the College of Pharmacy.

In comparison with the beginnings of the College of Pharmacy, it is interesting to note that the Chemistry Department, in connection with the Liberal Arts College now has three full time professors and a number of assistants. The Materia Medica section, headed by Professor Harry L. Hamsher, Professor of Pharmaceutical Botany and Pharmacognosy, with a number of assistants is doing a very extended piece of work, part of which was formerly done by Professor Young and later by Professor Mohler. Rudolph H. Raabe, Professor of Pharmacy, Marshall E. D. Close, Instructor in Pharmacy, and a number of laboratory assistants are giving instruction in the Pharmacy Section of the College.

In the beginning we note that thirty weeks constituted the full course of instruction, which was soon changed to forty weeks. At present the minimum time required for completion of the course of study is three full college years of nine months each. Graduation from a first grade high school or its equivalent is the present minimum entrance requirement. A four-year course, leading to the degree of Bachelor of Science in Pharmacy is also offered.

The first classes in pharmacy were held in the basement of the commodious brick building mentioned in the early catalogs. During Professor Young's time a wooden building was crected, the first floor of which was used for class laboratories and offices. During the summer and fall of 1909 this building was moved to the northwest angle of the old campus, laboratories placed in the basement and the first floor changed to recitation rooms and offices. In 1916 a microscopical laboratory was added and in 1926 the second story of this building was remodeled, the north half of which is now occupied by the pharmaceutical dispensary and the south half by a commodious classroom. Lengthened courses of study, thus increasing the number of students in resident study and the demands for laboratory facilities have brought us again to the need of more room. The greatly enlarged facilities (as they have been from time to time) must expand again soon.



DEAN HERMAN J. WEBER

1912, A.B., Heidelberg College (Tiffin, Ohio).

1915, LL.B., Western Reserve University.

1921, Professor of Law at Ohio Northern University.

1927, Dean of Men at Ohio Northern University.

1926, 1927, 1928, Summer sessions, Columbia University.

After graduation from Western Reserve in 1915, Dean Weber practiced his profession until the fall of 1921.



DEAN WILLIAM PRICE HENDERSON

1888, A.B., Ohio Wesleyan University. 1921, Dean of the College of Law, Ohio Northern University.

1922, LL.D., Taylor University.

Dean Henderson was admitted to the Ohio State Bar in October of 1889 and practiced his profession in Kenton, Ohio, until 1909. During that year he became Judge of the Court of Common Pleas of the Tenth Judicial District, State of Ohio. In 1921 he resumed his general practice of law in Kenton, Ohio.

DR. A. E. SMITH SUMMARIZES 25 YEARS AS HEAD OF OHIO NORTHERN UNIVERSITY

An historical sketch of the growth of Ohio Northern during the last quartercentury was presented by the president, Dr. A. E. Smith, in his annual report to the board of trustees of the university at their mid-winter meeting here on December 26.

The report follows:

Gentlemen of the Board :

It is my duty and pleasure to present to you once more the facts and figures representing the work and condition of Ohio Northern University.

It is well for all of us to learn how responsible is our obligation in conducting successfully so great an institution and to seek to measure up a little more fully to the exacting task set before us.

Instead of growing weary with this work, I find a new fascination about it, and only wish that I could carry on for another quarter of a century a work so great and far-reaching. I desire to express my full gratitude to a bountiful Heavenly Father for a cup of life always overflowing with health, love and divine blessing, to a faculty harmonious and cooperative through the years and to this body of faithful men, quite different in personnel to be sure from that with which I started, who have given time, thought and devotion to the welfare of Ohio Northern.

We are in the midst of a very prosperous, peaceful and encouraging school year and I need not go into the details of it until we meet in our commencement session.

If this is to be my last annual report and the plans previously agreed upon are to be carried out-although I hold myself ready to submit to the wisdom and wish of this body, not shirking the performance of my work until the last minute of the twenty-five years of contemplated serviceyet, if this is my last full report, I crave permission to offer a brief historical sketch of my work, so that the history of the university and my own place in that history may be safeguarded. Not in any egotistical or vainglorious manner do I give it, but that the facts may not be perverted and that the minutes of the board may always have a record of my labors.

The Methodist Episcopal church has owned the school you control for just thirty years. In 1898, at a session of the Central Ohio annual conference, held in Sidney, Ohio, in a meeting of great enthusiasm, Dr. Belt, Dr. Jameson and Dr. Lehr being the chief speakers, the Ohio Normal University was sold by its four owners, Lehr, Park, Maglott and Darst to the Central Ohio conference of the Methodist Episcopal church. The vote was unanimous with the exception of 13 negative ballots-one cast by myself. The price to be paid was \$24,000. The settlement involved the exchange of farms, etc., in which bad feelings were created, incriminations indulged in-all of which are now buried with all who had to do with it. Sufficeth to say that the conference quickly forgot its obligations, gave nothing for twenty years but high-sounding resolutions for its supportplaced the load upon the shoulders of the young minority opponent and let him, seven years after the purchase, finish paying the bill-the last seven thousand dollars of it.

The property so secured consisted of the old original building—erected by public subscription—standing where the Lehr Memorial now stands; a two-story frame building now a part of the Pharmacy building, situated just south of the Lehr; and a two-story frame structure, now the home of the pharmacy fraternity on College Avenue.

Only one acre and a half of ground went with them. These buildings were worn out, the equipment of the pharmacy department, chemistry and physics departments, commercial and stenographic departments, was all owned by the professors who taught those subjects and the fees went into their pockets.

For two years Dr. Lehr ran the institution on a percentage basis. In 1900 I became a member of the board of trustees and we took over the management of the university and elected Henry C. Jameson president. He turned to me and said, "Smith, I will give you \$100 if you will take it." I said, "I don't want it." Dr. Jameson after three weeks refused to act and Dr. Leroy A. Belt was elected. I will not comment on the history of the next four years.

In 1905, on the 27th day of June, I was chosen at a meeting of the trustees held in the Hotel St. Nicholas, Kenton, Ohio, as the president of the university. I will omit the conflicts, the heartaches, the dire poverty, lack of scholastic standing and the struggles of those long years only God and I know all about them—and He has been good enough to stand by me and bring me through them to this day.

The school year back there was divided into five terms of ten weeks each and began near August 1. I appeared upon the scene, after my election in June, on Sunday, July 2nd, to preach twice in the new Brown auditorium and help dedicate the structure.

On the 20th day of July, Thursday, 1905, I was inaugurated—speaking on the "True End of Christian Education."

When I came into this little city, I found no home for the president, but was compelled to rent, to move into inadequate quarters, and suffer the inconvenieces. I finally bought two properties and made a decent home for .ry family. The greatest sorrow came upon me in the first three months here in the loss of a precious son. I was strengthened then and have been ever since when God gave me another son, my Benjamin, to be the son of my right hand, and to take my mantle as a preacher of the gospel.

August 8th, we began the new school year. When I entered the chapel and faced the student body, there was no pipe organ and never had been one in the institution. The piano on the platform had been in the possession of the school for four years and had never been paid for. There was not a single song book in the building. I ordered at my own obligation 600 Methodist hymnals and for twenty years they did splendid service in the hands of Protestant, Jew and Catholic. At the annual meeting of the conference in September, at Fremont, Ohio, presided over by Bishop McCabe, I told the brethren about my debt to the book concern for the hymnals and the Bishop gave \$25 to the fund and took up the collection in the conference.

After the conference I came back to work in earnest. We had a military department but not even a flag staff. The first money I begged was \$100 with which we bought of the Champion Iron Works, Kenton, Ohio, the steel staff which still stands on the central campus.

There were few walks between the buildings, the campus had never been graded and was utterly devoid of grass or beauty. I secured \$2,000 with which we put teams and men on the grounds and proceeded to give some form of outward beauty that would hint of the inward culture we desired to obtain. We built fine cement walks about the square and between the buildings and things began to look very different. At this time the highest salary any professor received was one hundred dollars per month. The income the first year was \$35,000 and the expenses about \$42,000. Sixteen thousand dollars of debts and overdrafts were held by the First National Bank against the institution.

The Dukes building at that time was connected with a central heating plant in the village, and there was so little warmth that teachers and pupils in the winter hung over the radiators wrapped in their overcoats.

I began the second year with some radical reformations. I bought eight new hot air furnaces of an Akron firm, believing that comfort of body was necessary to proper application of mind.

We called in the individual owners of the school's equipment and told them there was to be but one owner henceforth and forever. We agreed on prices and we spent a bit of money in securing all this property for our own.

In the first three years the losing and down-grade tendency was checked and the income increased by fifty per cent.

The old fairgrounds, east of the campus, amounting to thirty acres, had been secured by my predecessor at a price of \$4,000. Thinking he would sell off building sites at a sufficient profit to make five acres free to the school for athletic purposes, he discovered when the whole transaction was done that he had disposed of ground that ought never to have been lost and a thousand dollars of indebtedness left on the five acres. We paid the \$1,000 to free them from debt and persuaded the owners of the lots either to donate the land or sell them back to the school.

(To be continued in the April issue)



Tots Enjoy Band Concert

The Akron Times-Press in its issue of November 13, 1928, carried the following story and what a truly wonderful story it is:

"Rain fell in torrents on the surrounding hillsides, but radiant sunshine of happiness engulfed the interior of the little cottage of hope on the crest of the hill.

The trombones blared. The cymbals crashed. The stately drum major twirled his shiny baton in perfect rhythm. The children were joyous.

Thousands of people have seen and heard the Ohio Northern University Band, but a more appreciative audience than the scores of youths in Sunshine Cottage at Springfield Lake Sanatorium, who heard the band Monday afternoon, will never be found.

The Times-Press cameraman caught Howard Wellman, cornetist, as he played especially for Marko Lewis. The big drum used by A. Barardi drew the attention of the youngsters and Barardi is shown instructing little Jean Jones while Attorney William L. DeLeone is shown holding Charlotte Berkshire."

Through the courtesy of the Scripps-Howard paper we were able to obtain the accompanying pictures.

The University band consisting of seventy pieces, under the direction of its leader Mike Mazulla filled an engagement at Keith's Theater in addition to furnishing entertainment for the tiny invalids. Those alumni who attended the theater, state with great pride that the band made a wonderful appearance on the stage and its program was well received by the audience.

Northern Fourth in Big Six Track Meet

Northern placed fourth in the Big Six meet, which ended this year's cross country activities. Pankow, Stewart and Stroh placed seventh, eighth and tenth respectively, and received medals. Although the Bears had but one of last year's men on the team, they won half of the meets entered. Since none of the team is graduating this year it is hoped that next fall will see one of the strongest teams in the history of the University.

The team's best results were with Denison. Pankow, who is Northern's best long distance runner, will be the captain for the coming year. Stroh, a new man, is expected to give Pankow strong support.

1928 Football Season

The 1928 football season got away with a flying start early in September when some forty men answered Coach William Meredith's first call for candidates for the varsity football team. Among this number were eleven experienced letter men from the previous year's team and twenty-five members of the Frosh grid team.

The curtain raiser was a contest with Bluffton which has always been considered a practice game, but not so this time as Northern's Polar Bears were forced to the limit and the game ended in a 13 to 13 tie score.

O. N	v. 1	U		2	1	2	1	2	2		2	÷	4	()	0	7—	-6	
Bluff)	13	0-	-0	

A forward pass from the 25-yard line to the Polar Bear's one-yard line, and a line plunge by Bowling Green's fullback spelled defeat for Northern in its second game. A small margin to be sure, but Northern's gridders just could not get their machine working together.

0.	N.	U.	4	 4	2	2	-	1	0	0	0	0-0
	G.									7	0	0—7

Playing before 6,000 cheering fans at the dedication of the \$200,000 Donnell Memorial Stadium in Findlay and inspired by its 75-piece "All Ohio Conference" band, Ohio Northern played a brand of football which carried through to a victory over Case by a score of 14 to 6. Gutnecht starred in the first few minutes of play by picking up a fumbled ball and running 30 yards for Northern's first score. This was followed with an added point from Nussbaum's educated toe, which was repeated later in the game.

In the third quarter the daring running by Drury placed the ball on the 10-yard line. From this point Nussbaum tossed a forward pass to Dailey who went over for the Polar Bear's second touchdown.

O. N. U	7	0	7	0-14
Case	0	0	0	6-6

Northern started its game with a "Bang" against Heidelberg which ended on the 20-yard line when Nussbaum's placement kick failed. Heidelberg took advantage of Northern's misplays by turning them into touchdowns. The first score came indirectly from a fumble by Northern, the next two on intercepted forward passes and the last resulted from a blocked punt. Such are the "breaks" in a game of football.

Toward the latter part of the game Northern showing her fighting spirit, as was the case during the whole game, was rewarded by putting the ball over for her only score. A long pass from Drury to Craig, with consistent gains by Long and Clark placed the ball in position for Long to score on his next try.

O. N. U						0	0	0	6-	- 6
Heidelberg			1			0	6	6	12-	-24

The Baldwin-Wallace game proved to be a walk-away for Northern. Had full advantage been taken of all the "breaks" the score should have been considerably more than 32 to 0. During the last period Coach Meredith put in all of his substitutes. They all showed up well, making long gains, but were unable to score on the visitors. The game ended after the ball had been worked down the field to a position from which another score for Northern seemed certain. Here Northern was penalized and lost the ball to the visitors.

Baldwin-Wallace 0 0 0 0—0 O. N. U. 14 6 12 0—32

On Homecoming Day the Polar Bears faced one of the smoothest working and the best coached teams that has ever represented Ohio University. Playing through a cold rain, but inspired by the enthusiastic cheering and spirit of the large assembly of "Old Grads" who had returned for this day of all days in the year, Ohio Northern met defeat proudly.

Throughout the first quarter, Northern played a strong defensive game holding the visitors scoreless, much to the satisfaction of the old grads. The rest of the game, however, was a different story, for when the smooth working Ohio U. team got underway they were unbeatable. In McKin-

ley, Ohio U. has a fas field running fullback			
Ohio U Northern	00		19—39 0— 0

Not until the last quarter did Northern have a chance to score against the big Denison team. Fighting hard through a heavy downpour and on a field of mud up to this period the Polar Bears were outclassed. Again that old fighting spirit displayed itself. Warren made a forward pass to Long which netted 45 yards, bringing the ball down to Denison's 9-yard line. At this point Northern failed to have the necessary punch to put the ball over for a touchdown. The Denison team held like the proverbial stone wall for four downs and Northern lost her best chance to score.

There was some excellent tackling by Van Horn, Reiser and Gutnecht. Northern was without the services of Nussbaum, its star quarter, who was injured in the Ohio U. game. However, Warren showed to good advantage and deserved a lot of credit for his ability in running the team. Denison 13 0 13 6–32 Northern 0 0 0 0–0

Playing under a fall of wet snow, Northern met defeat at the hands of Mt. Union. It was a good game to watch as the teams battled each other up and down the field with Mt. Union coming out on top with the score of 12 to 0.

For the first half both teams were evenly matched and were unable to score. The Polar Bears played good hard football in all stages of the game with everyone on his toes and giving the best that was in him. Reiser played an excellent game, tackling hard and often.

O. N. U	0	0	0	0-0
Mt. Union	0	0	6	6-12

Northern brought its 1928 football season to a close with its game with the University of Dayton. The last game of the season and for some, the last game of their college career, proved to be quite disastrous from the standpoint of final scores. Northern's hopes were smothered under the score of 41 to 0. The team led by Long and Gutnecht played good football, but were hopelessly outclassed from the very start

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by the big Dayton team. Long playing his new role of halfback made a lasting impression on the fans and players by his fine defensive work and his line plunging.

The members of the team had no alibis to offer for their overwhelming defeat by Dayton. They took a hard beating without whimpering, realizing that they were defeated by a team generally accepted to be the strongest team in Ohio, outside of Ohio State University. The Dayton team gained ground almost at will even though the Northern line played one of the best defensive games it had played this year.

Dayton		 		×		12	7	7	15-41	1
O. N.	U.	 			•	0	0	0	0- 0)

In its selection of All-Ohio Conference teams for 1928, four members of Northern's team received honorable mention by the Associated Press. Those gaining this recognition were Fritz Gutnecht, center; Ike Nussbaum, quarterback; Cliff Glathart, guard; Bill Dailey, end.

Eight Gridmen to Graduate in Spring

The game with Dayton University ended the football careers of eight Polar Bears, as all are lost by graduation. "Ike" Nussbaum, the firey little quarterback, played his last game after three years of service on the varsity. His ability as a field general will be hard to duplicate.

"Russ" Craig, the dependable guard, has also played three years of consistent football, his good work being a great power on defense. "Bob" Biggs has played tackle for three years, making him inelegible for the varsity next year, even though he is only a junior. "Danny" Gennett, the hard fighting little end, is finishing up his last season by playing a great game at the wing "Red" Monnott, another end, position. off to a slow start at the beginning of the season due to injuries, has been capably filling his position and will be missed next year. "Johnny" Rossetti has played his last game also. "Johnny" never seemed to get started right in practice at the fullback position, but has shown ability when he was in a game. "Lute" Reiser, tackle, has won lots of praise on the gridiron this season for the consistent fight and ability

he has shown on the defense and offense. Playing his first year on the varsity, he was a tower of strength and "smeared" many offensive plays of the opponents. "Jimmy" Van Horn, halfback, had a real chance to show his ability this year and took good advantage of it by helping O. N. U. gain many first downs.

We all wish these men to know how much we appreciate their fighting spirit as displayed throughout the season for their dear "Old Alma Mater." They are all to be congratulated for their loyality and good sportsmanship.

Varsity Team Honored

For the first time in a number of years Ohio Northern's football team was tendered a banquet which was sponsored by the Pan-Hellenic Council. The event took place on Thursday evening, December 12, in the dining room of the new Lutheran Church.

Approximately 150 fraternity men were present to do honor to the members of the team for their efforts on the gridiron in behalf of their Alma Mater. The guests of the evening, in addition to the team, included the coaching staff, members of the athletic board and Dr. T. J. Smull.

During the evening short speeches were made by the coaches, members of the board and others. The main event of the evening was the awarding of letters to members of the squad by Professor L. C. Sleesman, chairman of the athletic board.

George McNamara, the University's popular publicity director, acted as toastmaster and master of ceremonies during the evening.

Organized Drive for Engineering Building

In preparation for the drive soon to be inaugurated for funds to build an engineering building, Prof. A. R. Webb, Secretary-Treasurer of the Engineering Advisory Committee, has carded all engineering alumni. One set of cards is arranged in alphabetical order, and another set is divided into fifteen groups with the idea that each member of the Advisory Committee is to be responsible for one of the groups. A total of about 900 engineering graduates have been so carded.



DEAN HARVEY EVERETT HUBER

Dean Harvey Everett Huber

1908, B.S., Ohio Northern University 1909, A.B., Ohio Northern University. 1912, A.M., Yale University.

1912-1913, Graduate Student, Yale University.

1920, Graduate Student, University of Wisconsin.

1920, Dean of the College of Liberal Arts, Ohio Northern University.

In 1913, Harvey Everett Huber returned to Ohio Northern University as Professor of Biology, which post he held until the outbreak of the World War. During the year 1917-1918 he was engaged as a Federal Government agent in the United States Department of Agriculture, Bureau of Plant Industry on the East Coast. At the close of the war he resumed his teaching in Bluffton College where he served as Professor of Biology during the year 1918-19.

In the fall of 1920 he was appointed Dean of the College of Liberal Arts at Ohio Northern. At once he began a program of reorganization in keeping with his high aims for the College. Throughout his Deanship he has striven and is still striving for standards of scholarship, a goal which can be attained only by painstaking attention to details, hard labor, and scholarly vision. It is largely through his efforts that the College has achieved its present high standards.

During the college year, 1926-27, Dean Huber was forced to withdraw from active work on account of illness. He resumed his duties last fall. Dean Huber is vitally interested in the advancement of learning. He is a member of the American Association for the Advancement of Science; the Ohio Academy of Science, and the American Pathological Society.

A close friend and fellow member of the faculty recently wrote of Dean Huber: "I am growing rich in my association with him. He has a way with the student which is attractive; in short, he possesses those indefinable characteristics of a good teacher and councilor, tact, insight, sympathy, understanding and simplicity.

Most commendable is his attitude toward higher standards in the College of Liberal Arts. He is constantly striving to better the College of Liberal Arts. The growth is slow and steady, but I venture to say an older student would be overwhelmed at the changes."

Art Windows to Adorn New Hall

Presser Music Building to Have Eight Memorials to Musicians

Installation of eight large beautiful colored art glass windows in the new Presser Music building at Ohio Northern has been approved by the Presser Foundation committee, Dr. A. E. Smith, president of the university announced in his opening chapel address of the winter guarter.

There had been some question as to the windows. Dr. Smith desired colored glass instead of sepia as recommended by the committee, so he went to Philadelphia during the Thanksgiving vacation to have his plans approved.

Each of the eight windows will be dedicated to some immortal music composer. The donor of each window will also receive appropriate recognition.

"All the windows are sold but two," Dr. Smith announced to the student body. "If any of you have \$500, here is an easy chance to gain immortality."

Dr. Smith also arranged for the purchase of two practice organs while in Pennsylvania. He was conducted through the largest organ factory in the world, near Baltimore.

Chicago Alumni Elect New Officers

At the annual meeting of the Chicago Chapter of the Ohio Northern Alumni Association, on January 14, President Smith was presented with a pair of platinum cuff links, after which he addressed the meeting. He was followed by Dr. Smull, who showed his moving pictures of scenes on and around the campus. Many of the alumni who have not been "home" for some years were astounded at the number and appearance of the new buildings.

Officers of the Chicago Chapter were gratified at the attendance at this meeting, a total of thirty-five having come out notwithstanding a heavy snowstorm had been raging all day. Officers elected for the coming year are, for President, Paul R. Price (CE '10), vice-president in charge of sales for the Marquette Cement Manufacturing Co., 140 S. Dearborn St., Chicago; for Vice-president, Mrs. Jack Meighan (Bess Hickernell), 251 West 66th Street, Chicago; for Treasurer, N. W. Tobias (BS '92), Brevoort Hotel, 120 W. Madison St., Chicago; and for Secretary, C. E. Burnside (CE '20), 3938 N. Lawndale Ave., Chicago.

Cleveland Alumni Hold Dinner-Bridge Party

The winter social season of the Cleveland Alumni of Ohio Northern University was ushered in with a dinner-bridge party on Friday evening, November 23. The party was held in the Tally-ho room of the Winton Hotel. The unavoidable delay in sending out notices to the members was given as the reason for the small attendance, approximately forty-five, as compared with other social functions held by this group. However, the party was a most interesting and successful one for those who attended.

Mr. J. N. Main won the first men's prize while Secretary R. C. Cobbe carried off second prize. The first ladies' prize was won by Miss Wright and the second prize by Mrs. J. N. Main.

L. H. Gardner, chairman of Alumni Secretary Committee, gave a brief review of what that committee has done. E. F. Boyle, president of the Cleveland Alumni Association, reported on the meeting of the Presidents and Secretaries with the Alumni Secretary Committee on the evening of Homecoming Day in Ada.

Mr. Boyle announced that work of securing the Cleveland quota of the Alumni Secretary fund would start very soon. Announcement was also made that the next meeting would take the form of a smoker, sometime after the holidays, at which time Dr. Miller, director of athletics at Ohio Northern University, would be the principal speaker.

Detroit Alumni Have Successful Banquet

Through the enthusiastic work of President Kent P. Anspach and his committee on arrangements, the quarterly banquet and alumni meeting of the Detroit Alumni Chapter was a "great success" in every detail.

It was held at the Hotel Barlum on Saturday evening, December 8. An hour spent in informal exchange of greetings preceded the banquet and program. Short talks by Adams, Rile, Winans, Mrs. John Wells, Ruth Snyder Knapp and others were followed by a presentation of the full-time secretary plan by trustee Alden and pictures of campus activities and remarks by Secretary Smull. The program was interspersed by vocal numbers delightfully rendered by Mrs. Maloney, a friend of Mrs. Anspach. Judge L. E. Sharp acted as toastmaster.

The crowd was loathe to separate when the clock struck twelve. Great credit is due Leila Degler Alden for many years of active service in promoting this splendid club.

Dr. Freeman Heads Extension Course

Dr. C. H. Freeman, head of the English department at Ohio Northern, is conducting an extension course in English at Central High School, Lima. Many Lima teachers are enrolled in the course and will receive full credit at the university.

This is the first extension work done by the university, and it is a part of the program for expansion of the teachers' course.

ALUMNI NOTES

Akron District

John Anderson, '28 is assistant manager of the Akron Pharmacy Co., Akron, Ohio. E. H. Bridge, E.E. '15, President of the Akron

Alumni Club, is a member of the Bridge Batter Company, located at Water and Exchange Streets, Akron, Ohio. Mr. Bridge was recently granted his third patent applying to battery equipment.

In the October 31st issue of a paper published by The Firestone Tire and Rubber Company, Dr. Paul J. Carey is introduced to that company's employees with a picture of his dental office, showing Dr. Carey making an extraction.

Dr. Carey is a graduate of Ohio Northern and Western Reserve College of Dentistry. He is associated with Dr. C. D. DeGrudy in the dental offices maintained by The Firestone Company.

Bart Haley is connected with the B. F. Goodrich Rubber Co. in the capacity of Divisional Salesman.

Lee J. Meyers is practicing law with offices in the Second National Building, Akron, Ohio. Miss Ilo Rutter, Comm. '13, who is Secretary of the Akron Alumni Club, is employed with the B. F. Goodrich Rubber Co. Miss Rutter resides at 221 Spicer Street, Akron, Ohio. Correspondent Miss Ilo Rutter, 221 Spicer St., Akron, Ohio.

Atlanta District

Dr. Thornwall Jacobs, Honorary, has published two new books, one "The New Science and the Old Religion" and a very delightful book of poems, "Islands of the Blest." Dr. Jacobs is President of Oglethorpe University in Georgia.

Dr. H. J. Gaertner is a member of the fac-

ulty of Oglethorpe University. J. T. Rose, '94, is Collector of Internal Revenue with headquarters at Atlanta, Ga. While attending the Kansas City Convention in June of last year Mr. Rose met his old friend B. F. Hart who has made a success in the real estate business in Kansas City.

Major R. S. Atwood, who is now stationed at Fort McPherson resides at 656 Bonadventure Ave. N.E., Atlanta, Ga. Major and Mrs. Atwood have two children, Roy MacKaye, age 7 and Mary Goodwin, age 4. M. Mae Neptune, '94 and '00, is Professor

of English in Spelman College, located at Atlanta. During the past summer Miss Neptune enjoyed the University of California Educational tour of the western part of the United States with the Thompson party. While in Seattle she saw W. R. Howard, '00. Mr. Howard has been living in Seattle since 1910 and states that it is the only place one ought to live.

Correspondent, M. Mae Neptune, Spelman College, Atlanta, Ga.

Chicago District

Clarence C. Brewer, Comm. '21, and Law-rence L. Brewer, Prep. '21, have moved to 42 East Cedar St., Chicago.

Z. B. Campbell, C.E. '07, is city engineer of East Chicago, in the Calumet district of Indiana. Mr. Campbell's residence address is 4438 Olcott Ave., East Chicago.

Herbert Downing, C.E. '15, is with the Lin-coln Electric Co., 53 W. Jackson Blvd., Chicago.

Announcement has been made of the engagement of Miss Dorothy Cunningham, of Chi-cago, to Mr. Charles J. Enlind, C.E. '15, who was for several years president of the Chicago Chapter. The wedding is set for February 9, at Bloomington, Indiana. Mr. Enlind is Mech-anical Engineer for the American Bridge Co., Room 1323, at 208 So. La Salle St., Chicago.

H. G. Florida, C.E. '25, is now in the valua-tion department of the Chicago office of the Interstate Commerce Commission at 28 E. Jackson Blvd. He expects to be transferred to the Toledo office of the Commission at an early date.

Walter Liechti, C.E. '25, is living at 2750 No. Kostner Ave., in Chicago. Mrs. Liechti, also a graduate of Ohio Northern, was Mildred Hayes before her marriage.

Lester M. Marx, C.E. '21, has returned from Florida and is now living at 820 Cass St., Chi-cago. Mrs. Marx, Comm. '24, is an Ohio Northern girl.

Haydn Owens, Mus. '04, is living at 615 Saylor Ave., Elmhurst, Illinois, a western suburb of Chicago.

The new address of Ralph Parlette, since his marriage, is 70 East Walton Place, Chicago.

Paul R. Price, '10, for several years sales manager for the Marquette Cement Manufacturing Co., 140 So. Dearborn St., Chicago, recently was advanced to the office of vice-presi-

dent and sales manager of that organization. George P. Rose, LL.B. '11, has an office at 790 Broadway, Gary, Indiana. His residence

address is 1538 Roosevelt St., in Gary. Correspondent, N. M. Stineman, 1121 Ash St., Winnetka, Ill.

Cleveland District

In its column headed, "Twenty-five Years Ago," the Ada Herald recently printed the fol-lowing: "All of the sixteen applicants from O. N. U. for admission to the state bar passed their examinations. Included in the list was W. G. Patterson, now a prominent Cleveland attorney."

Raymond F. Dacek, LL.B. '27, is now located in the office of the Law Director of the City of Cleveland.

Ralph Deitrick, C.E. '22, has returned from Haiti after spending 20 months there in construction work.

A recent letter received from Raymond E. Duff, C.E. '22, former secretary of the Cleveland Alumni Club, states that he has just returned from Iowa where he spent the past six months as resident engineer on municipal pav-ing construction. Mr. Duff's permanent mail address is 508 McKinley Avenue S. W., Canton, Ohio.

G. W. Eighmy, Engr. '25, is now employed by the Diamond Alkali Company at Painesville, Ohio.

Carl Grunert is associated with the J. M. & L. A. Osborne Co. of Cleveland, Ohio.

Cecil Livingston, LL.B. '27, has recently passed the state bar examination.

Miss Lydia Mitchell resides at 13708 Superior Road, Cleveland, Ohio.

Frank Morgan is employed with the Standard Drug Co., of Cleveland Ohio.

A. B. Peeler is now with the Goff-Kirby Coal Company at 533 Terminal Tower Building, Cleveland.

Dick Richards, C.E. '18, is also employed by the Diamond Alkali Company.

John Schurman is now located in Cleveland, Ohio, with the York Ice Machine Company.

John Winkler, Ph.G. '17, now operates a

drug store in Painesville, Ohio. Virgil Winkler, Ph.G. '15, is the proprietor of a drug store in Geneva, Ohio.

Correspondent, R. C. Cobbe, 926 Engineers Bldg., Cleveland, Ohio.

New York District

N. D. Ackley recently advised that he is now employed in Schenectady, N. Y. His address is 233 Seward Place.

Miss Florence M. Beatty, Arts '15, has recently moved from Columbus, Ohio, to New York, where she is employed by the Yachting Publishing Company.

John P. Eberhart, Law '09, is associated with Arkell and Douglas, Exports and Imports, of 73 Pearl Street, New York City.

Efrain Ramirez, M.E. '28, has returned to New York City after spending some months in Porto Rico visiting his parents. His address is 203 W. 112th Street.

H. D. Ronk, E.E. '21, is employed with the Central Hudson Gas and Electric Co., at Poughkeepsie, N. Y.

Lowell F. Snyder has accepted a position in the display advertising department of the Crowell Publishing Company, and began his new duties on the Woman's Home Companion on January 1. He has been with the Conde Nast Publishing Company for the last two and onehalf years.

Frank Ve Verka is employed with the Central Hudson Gas and Electric Co., at Poughkeepsie, N. Y.

Roland Wander, M.E. '24, is now employed on bridge construction for the Roberts Supply Company in New York.

Frank Winslow, who is connected with the General Electric Company in the capacity of sales engineer, is located in that company's office in the Witherspoon Building, Philadelphia, Pa.

Following are the names and addresses of a number of alumni:

A. C. Bendal, 15 Madison Ave., Jersey City,

N. J. F. N. Bryant, 906 Maryland Ave., Syracuse,

J. C. Forsythe, 85 John St., New York, N. Y. D. J. Kiser, 272 Flatbush Ave., Brooklyn, N. Y.

G. E. Linder, 246 Shewing Blvd., Farrell, Pa.

Leo Magid, 1682 80th St., Brooklyn, N. Y. J. S. Neidich, Neidich Battery Service, Yonkers, N. Y.

E. J. Steinberg, 3204 Arazona St., Philadelphia, Pa.

Mrs. Ella Sullivan, 234 Paulison St., Passaic, N.

Manley White, 604 Harrington St., Wilmington, Del.

Mr. and Mrs. S. S. Woodrow, 353 Mosholu Parkway, New York City, Bronx.

Correspondent, W. B. Bedell, 15 Dey St., New York City.

Pittsburgh District

"Dr. and Mrs. Homer C. Blough, M.D., R. No. 4, Johnstown, Pa." is the legend appearing on a Christmas card, received recently, which tells of the whereabouts of H. C. Blough and his wife who was formerly Miss Kathryn Spiegle. Both are graduates of Northern. Dr. Blough did his medical work in Western Reserve and Baltimore Medical College. He completed his interne work in Presbyterian Hospital, Pittsburgh, and began practicing medicine in September, 1927, as a vacation "supply" for physicians located in Pittsburgh and Midland, Pa. Two little Bloughs now reside with the doctor and his wife.

William P. Clovis, one of the boys in Dr. Lehr's time, is manager of the Boyer Motor Company, Pittsburgh. His address is 405 Allen

Ave., Pittsburgh, Pa. A. E. Korb, another of Dr. Lehr's boys, is located at 179 Hallock St., Mt. Washington Sta., Pittsburgh. He is active in business and until recently was Secretary of the Washington Heights Board of Trade.

Miss Carrie Wiseley, formerly of Ada, 15 one of the new librarians in Schenley High School, Pittsburgh.

Walter E. Crim, former O. N. U. professor, being at one time the "other half of Crim and Johnson" in the College of Commerce is located at 331 S. Evaline St., Pittsburgh. He is one of the instructors in Westinghouse High School who received a salary promotion in Feb-

ruary, 1929. Dr. R. L. Taylor "of the 80's," prominent physician and city official in Pittsburgh for many years, died at his home, 4740 Liberty Ave., Pittsburgh, late in November.

Thomas W. Dawson, C.E. '02, was recently appointed a Vice-President of the H. C. Frick

Coke Company of Pittsburgh, Pa. The University Basketball tea team recently played Duquesne University of Pittsburgh as a wind-up to a barn-storming trip and quite a few of the alumni availed themselves of the opportunity to meet some of their old friends. Kair, Kowallis, Sickles, Bird, Shoup, Slonaker and Sterling with Prof. Sleesman made up a small but live cheering section.

Hubert "Mickey" Kowallis can be reached at 24 Fairmont Ave., Duquesne, Pa. Mickey is putting on weight and is looking fine.

L. G. "Chief" Sickles is living at 512 Arch St., N. S. Pittsburgh. Chief was willing and

ready to offer his services as a capable substitute at the recent basketball game and looked as though he could have gone through with it.

Bill Kair, one of Northern's great basket-ball men can be reached by mail at the office of the "Ft. Pitt Bridge Works," in the Oliver Building. Bill has taken unto himself a wife and she is as much a basketball enthusiast as was her husband. Bill is a bridge builder that really puts up bridges and he has some interesting experiences to tell.

Correspondent, C. L. Sterling, 60 Taylor St., Crafton, Pittsburgh, Pa.

Youngstown District

Earl D. Haefner, secretary of the Mahoning Valley section, states in a recent letter that a number of social functions are being planned for this year, concerning which announcements will be made later. Arrangements have been made to hold a number of noon-day luncheons for the purpose of getting better acquainted with the activities of the Alumni Club and to enjoy the fellowship of its members.

Correspondent, E. D. Haefner, 1107 Realty Bldg., Youngstown, Ohio.

Miscellaneous

Capt. A. L. Allen, C.E. '16, has been elected to his third term as County Surveyor of Richland County, having no opposition. Any alumnus passing through Mansfield will find a hearty welcome awaiting him if he will call on "Capt." at the Court House in Mansfield, Ohio.

B

- Welby Balliet, '28, a representative of the Department of Agriculture, spends his time traveling around the State of Ohio in connection with the investigation of the sale of narcotic drugs and state inspection of drug stores.
- C. T. Biggs, C.E. '09, has been re-elected as County Surveyor of Lorain County, Ohio, and may be found at the Court House in Elyria, Ohio.
- D. D. Biggs, C.E. '98, is chief engineer for the National Tube Company at Elyria, Ohio.
- James C. Bowman, Department of English at Northern State Teachers College, Marquette, Mich., has resumed his work at that institution after a year's sabbatical leave, which was spent at Harvard University and in teaching at Bates College, Maine.
- Mr. Bowman, who is a graduate of Ohio Northern, is the author of several books, among which are "Gift of White Roses" and "Back on the Des Moines." It is understood that he has three or four other books about ready for publication.

C

- Ames Campbell, B.S. in Phys. Ed. '28, is coaching and teaching in the high school at Mt. Victory, Ohio.
- Kenneth Casey, C.E. '28, is located in Ontario, Canada, working for the engineering department of the Canadian Government.

- Flay Clapsaddle, C.E. '14, is now a Consulting Engineer in East Liverpool, Ohio. He also finds time to act as City Engineer. office is in the I. O. O. F. Building. His
- Mervin Clark, E.E. '28, is employed with the Westinghouse Electric Company at Mansfield, Ohio, as is Orland Yoxsimer, E. E. '27.
- Jack R. Cloyd, C.E. '12, was recently appointed Dover Village engineer by the Dover, Ohio Council. Mr. Cloyd, who is also village engineer for Fairview and Olmsted Falls villages, is chairman of the planning commission of Rockey River. Ohio, where he resides at 19860 Battersea Boulevard.

D

- Claire Davis is a salesman for the Carey
- Roofing Co. at Ashtabula, Ohio. Miss Leota L. Donahey, a former student, is now postmaster at Bladensburg, Ohio.
- Victor R. Dray, English teacher in Beaumont High School, St. Louis, resides at 7033 Amherst Ave., St. Louis.

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Mr. Elbert Eibling is a member of the faculty of the University of Pittsburgh in the Department of Political Science. Mr. Eibling is also working on his master's degree.

F

- Mrs. Winifred M. Fithin, Arts '27, is teaching in the Mt. Victory, Ohio school. James E. Fusco, A.B. '23, a reporter of the
- Columbus Citizen staff, has written a series of articles in that paper concerning the conditions under which taxicab drivers work. In order to obtain first-hand information for his articles, Mr. Fusco actually obtained a job as a taxi driver and drove the cab assigned to him about the city of Columbus, Ohio for a period of time.

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Martin Hounker, L.L.B. '28, is practicing law in Canton, Ohio.

Verle Jenkins, E.E. '28, is employed with the Westinghouse Electric Company in its Pittsburgh, Pa. plant.

- Word has been received that Bill Kennedy, LL.B. '28, recently passed the state bar examination for California and is now practicing his profession in Alhambra, Cal.
- Ward Krayl has been appointed Assistant Manager of the Loan Department of the Security Mortgage and Loan Co. of Cincinnati, Ohio.

L

Beda Tillner Lindberg, Commerce '17, resides at 3004 Oak Ave., East Chicago, Ind. Miss Tillner was one of the two popular Swedish girls who came to Northern from the Northern Peninsula of Michigan, graduarated, returned to native haunts; then married. The other was Florence Olson, "May Queen," 1917. She married Fred Tuttle, Bucyrus, Ohio. Mrs. Lindberg writes, "Mr. Lindberg has been very ill for ten weeks with tubercular pneumonia. We were to be in our new home for Christmas, but all plans are shattered now."

Renew Your Subscription

THE MAJORITY of subscriptions will expire with this issue which also completes Volume II of the Alumnus. The number of subscriptions received during the past year has been gratifying, and sufficient so that the magazine has continued on a sound financial basis and without financial help from the University or the funds of the Alumni Association. This is due, in no small degree, to the cooperation of Mr. Frederick Spooner, Manager of the Rickstanner Printing Company, 23 Worth Street, New York City, through whom, as a special favor, we have been fortunate in arranging for the printing of our magazine. With the April issue, the Alumnus will start its third year. We are appealing to the old subscribers to promptly renew their subscriptions and in turn make every effort to obtain at least one new subscriber. Also tell us something about yourself or some other graduate as others will be interested in such items.

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