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COMMENT

Consider the phenomenon carefully.

This is the first serious curtailment of alumni activities in the history of the Association—the omission of a regular issue of the ALUMNUS, disguised as the combining of the February and March issues.

This action is on top of a saving of more than \$1,000 effected by the Editor this year in cutting down the original schedule to nine issues instead of ten, and lowering the cost per issue by some \$55.

The curtailment of the ALUMNUS is the first of a series of retrenchments necessary if we are to live within our depressed income. Salaries, which never enjoyed the experience of inflation, are threatened with what I am frank to say is an undesirable deflation regardless. Progress on the recording of the non-graduates in index form in the Office is threatened with cessation, which means immediate reversion to the chaos in which they have existed to date.

If we had asked you for large sums, we could understand this failure. If we had been extravagant, we could expect this cut. If we had reached a high point of achievement, we could expect a temporary dip. If we depended on a few, we could have anticipated this embarrassment. If you were an organization of laborers, we could understand the day-to-day fluctuation of your fortunes.

But you are almost six thousand college men, building an Association at a per capita cost below the average minimum of other colleges, investing in the mutual welfare of yourselves and Notre Dame. That at least half of you cannot continue this small obligation even in these distressed times is difficult to comprehend.

Perhaps I speak for the three jobs the Office holds. But more earnestly I speak for the one and only Alumni Association of the one and only Notre Dame, in your lives. Payment of the outstanding dues, payment of half of them, would relieve this critical situation.

Economic penalties for the Association ultimately penalize you.

THE NOTRE DAME ALUMNUS

JAMES E. ARMSTRONG, '25, Editor

The magazine is published monthly during the scholastic year by the Alumni Association of the University of Notre Dame, Notre Dame, Indiana. The subscription price is \$2.00 a year; the price of single copies is 25 cents. The annual alumni dues of \$5.00 include a year's subscription to THE ALUMNUS. Entered as second-class matter January 1, 1923, at the post office at Notre Dame, Indiana, under the Act of March 3, 1879. All correspondence should be addressed to The Notre Dame Alumnus, Box 81, Notre Dame, Indiana.

MEMBER OF THE AMERICAN ALUMNI COUNCIL
MEMBER OF THE NATIONAL CATHOLIC ALUMNI FEDERATION

THE ALUMNI ASSOCIATION

of the

UNIVERSITY OF NOTRE DAME

Alumni Headquarters, Main Floor Administration Bldg.,
Notre Dame, Indiana

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LIST OF CLASS SECRETARIES

Year	Name	Address
Before 1880	To be selected	
1880-85	Prof. Robert M. Anderson	Circleville, Ohio
1886	Michael O. Burns	338 S. Second St., Hamilton, Ohio
1887	Hon. Warren A. Cartier	Ludington, Michigan
1888	John L. Heineman	Connersville, Indiana
1889	To be selected	
1890-93	Louis P. Chute	7 University Ave., Minneapolis, Minnesota
1894	Hugh A. O'Donnell	The New York Times, New York City
1895	Eustace Cullinan, Sr.	860 Phelan Bldg., San Francisco, Calif.
1896	William P. Burns	327 Willard Ave., Michigan City, Indiana
1897	Rev. John MacNamara	St. Joseph's Sanitarium, Mt. Clemens, Mich. (temporary)
1898	F. Henry Wurzer	Buhl Bldg., Detroit, Michigan
1899	Dr. Joseph F. Duane	418 Jefferson Bldg., Peoria, Illinois
1900	John W. Eggeman	1201 First National Bank Bldg., Fort Wayne, Ind.
1901	Joseph J. Sullivan	1300, 139 N. Clark St., Chicago, Illinois
1902	To be selected	
1903	Francis P. Burke	904 Trust Company Bldg., Milwaukee, Wisconsin
1904	Robert Proctor	Monger Bldg., Elkhart, Indiana
1905	Daniel J. O'Connor	10 S. LaSalle St., Chicago, Illinois
1906	Thomas A. Lally	811-13 Paulsen Bldg., Spokane, Washington
1907	T. Paul McGannon	Bar Bldg., 36 W. 44th St., New York City
1908	Frank X. Cull	Buckley Bldg., Cleveland, Ohio
1909	E. P. Cleary	P. O. Box 356, Moline, Illinois
1910	Rev. M. L. Moriarty	527 Beall Ave., Wooster, Ohio
1911	Fred L. Steers	1635 First National Bank Bldg., Chicago, Illinois
1912	Benjamin J. Kaiser	324 Fourth St., Pittsburgh, Pennsylvania
1913	James R. Devitt	921 Engineers Bldg., Cleveland, Ohio
1914	Frank H. Hayes	1055 Granville Ave., Chicago, Illinois
1915	James E. Sanford	8212 Kenwood Ave., Chicago, Illinois
1916	Timothy P. Galvin	708 First Trust Bldg., Hammond, Indiana
1917	John U. Riley	244 Washington St., Boston, Massachusetts
1918	John A. Lemmer	1110 - 8th Ave., S., Escanaba, Michigan
1919	Clarence Bader	650 Pierce St., Gary, Indiana
1920	Leo B. Ward	1012 Black Bldg., Los Angeles, California
1921	Alden J. Cusick	1 Park Ave., New York City
1922	Gerald Ashe	1024 Monroe Ave., Rochester, New York
1923	Paul Castner	2702 Miami St., South Bend, Indiana
1924	James F. Hayes	Fifth Avenue Ass'n, Empire State Bldg., N. Y. City
1925	John W. Scallan	Pullman Co., 79 E. Adams St., Chicago, Ill.
1926	Dr. Gerald W. Hayes	38 N. 12th St., Newark, New Jersey
1927	Edmund DeClercq	8126 Drexel Blvd., Chicago, Illinois
1928	Louis Buckley	718 E. Corby St., South Bend, Indiana
1929	Joseph McNamara	231 Wisconsin St., Indianapolis, Indiana
1930	Bernard W. Conroy	1055 Park Ave., New York City
1931	John E. Boland	3624 Chestnut St., Philadelphia, Pennsylvania

THE NOTRE DAME ALUMNUS

Vol. X.

FEBRUARY - MARCH, 1932

Nos. 5-6

Some Economic Aspects of National Defense

Extracts from a paper read before the Arts and Letters Lay Faculty Club by Captain Robert B.

Riordan, '24, U. S. A. Reserve Officers Corps, Registrar of the University.

* * * * *

In the past, even in the historical past, there were times when human beings individually provided themselves with all the things they consumed, consequently they enjoyed but a minute fraction of the goods that go to make up the scale or standard of living of modern man. As times progressed men, grouping themselves into tribes and nations, discovered that one man could produce better shoes than his neighbor and that another could weave better cloth or make better weapons. Thus began specialization and division of labor, a system wherein each worker produced a surplus of better goods which he traded for the surplus of other producers. The net result being that each group, tribe, or nation enjoyed a greater total of all goods and of better quality. It was necessary, however, that each individual be relieved of those duties in which he was least productive in order that he could devote his time to those tasks in which he had greatest skill or talent. The maker of shoes, producing a surplus to trade for his other needs, lost some time from his special task by going out to trade or sell his wares, thus reducing the number of shoes he could produce. Later the merchant, another specialist, relieved the shoemaker of the task of selling, thereby permitting him to make more or better shoes. In this way the merchant aided production, hence could rightly be called a producer. This is a quite simple and not an exhaustive explanation of the term "producer," nevertheless it should suffice to make our later references clear.

Primitive man, and man not so primitive, spent a goodly amount of time and effort in protecting himself, his family, and his goods. This time and effort was lost to the production of consumable goods, food, clothing, and tools. Division of labor and specialization have relieved him of this lost time and effort, making him more productive; but the professional soldier who relieved him must be credited with a share of this increase in production and therefore must also be called a producer.

Economists are seldom sentimental-

ists, hence the following quotations from a standard text should lend the weight of authority to what has been presented so far:

"From the immemorial the human race has found it impossible to get on without conflict among its members, either individually or by groups. . . . Fundamental to such group conflicts is the perpetual struggle for existence, through which each group is impelled by the motives of self-preservation and self-perpetuation to seek for itself the greatest possible share of the limited products which nature offers to mankind.

"Now this tendency to conflict necessarily leads to organization and authority. . . . Thus the first and most important of the functions of government is defense, by which we mean defense of the group against attack by outside foes. . . . In the modern nation this function demands much of the activity of the general government and specifically calls for the services of army, navy, air defense, consular and diplomatic services, etc.

"The economic significance of this function of government will be obvious as soon as it is regarded as an exemplification of the division of labor. Production cannot proceed successfully if the nation's territory is frequently overrun by foreign foes, or even if the danger of such invasion is ever immanent. One of the fundamental causes that enabled England to forge so far ahead of the Continental peoples in economic development was that her insular position protected her from attack (no longer true) and made it possible to develop her sheep and cattle, her agriculture, and later her trade and industry, at a time when a lack of security was a fatal obstacle on the Continent. Defense against outside foes must be organized, and to be efficient it must be specialized. . . . The student will not fail to recognize that, wisely employed, the army, navy, the diplomatic service, and the other governmental agencies of defense are just as properly included among the nation's productive forces as is any other group of the people." (Revised edition, *Prin. of Econ.*, Fairchild, Furness and Buck.)

* * * * *

I shall cite a number of events in American history to show how we have fared in terms of dollars and cents as well as in other values in the management, or more properly the mismanagement of our own national defense.

Our Revolutionary War was prosecuted by a provisional government with little centralized authority. As a result anything like an American regular army hardly appeared in that conflict. Each colonial government furnished militia when, where, and for as long or short a time as it willed. Washington and our other leaders found themselves at all times with untrained, poorly equipped, and frequently half-starved men under their command, subject to withdrawal at any time by their several colonial governors and who might find their enlistment expiring on the eve of battle. One can readily understand Washington's statement that, "The evils to be apprehended from a standing army are remote . . . but the consequences of wanting (lacking) one is certain and inevitable ruin."

First and last we had 400,000 men under arms as compared to the British forces which varied from 20,000 to 42,000 regulars. In 1776 we had 89,000 troops, sufficient had they been trained or even under unified command to have overwhelmed by sheer numbers the small British army. In 1781 we could muster but 29,000. The largest force under Washington's own command was 17,000. The very contempt of the British for us enabled Washington to profit on occasion by strategy alone, but it is significant to note that there were only two victories of real military importance in seven years of war; the first was the defeat of Burgoyne at Saratoga and the second the surrender of Yorktown where we had the aid of French military and naval forces.

The war lasted seven years, followed by a depression relatively worse than any since experienced and left us with a debt of 80 million dollars. Robert Morris placed the war expenditures at something over 92 millions. Something like 400 millions in paper money was issued "not worth a Continental."

* * * * *

Perhaps no nation in any time has given pacifism such complete, absolute control over its affairs as we did in the years preceding the war of 1812. Our histories ignore in shame most of the facts, which are documentary, as a result of which we are not as cognizant of the disasters of the period as we should be.

We grovelled in abjection before the powers of Europe and our flag was dragged in the dust of disgrace. (Rupert Hughes, *The War We Lost by Pacifism*, American Legion Monthly). . . . In 1810 military appropriations had been cut by over a million and naval appropriations reduced by half. We still had a few good ships left over in addition to Jefferson's ludicrous "gunboats." You are familiar with British impressments and incitement of Indian depredations. Napoleon seized without notice ten million dollars worth of American property and imprisoned crews of two to three hundred American ships in his dungeons. Nothing was done about it but, odd as it may seem, we fought the Tripoli war and bluffed weak Spain into handing over west Florida. Then, when we had sunk to the depths of degradation, our pacifists suddenly turned militarists, as they always do, and the War of 1812 was on.

We boast of sea victories in which some of the few good ships we had left defeated inferior foes, but hear nothing of the many ships we lost. Barron hauled down his flag because his sailors could not get the chicken coops off his guns in time to fire more than one shot. What a gem of the ocean was Columbia then! Detroit was surrendered without a shot. Buffalo and other northern towns were burned. Militia sent against the Indians threw away their muskets and fled at the sight of forest fires. August 24, 1814, 3,500 British regulars scattered 7,000 American militia at Bladensburg, looted and burned the nation's capital. At Lundy's Lane 2,400 American regulars had held the field against 3,000 British regulars and Jackson defeated Pakenham at New Orleans after the war had ended, the two bright spots on a sadly besmirched shield.

Now the cost! During the twenty years preceding the war the expenditures for the maintenance of the army totaled \$35,000,000. For the next five years they totaled \$83,000,000.

In 1811 the total expenditures of the federal government were \$13,000,000. They jumped to \$39,000,000 in 1813, and \$48,000,000 in 1816, after the war was over. Not until 1823 did they become normal. The difference between normal and actual expenditures during this period was \$198,-

000,000, all chargeable to the war, and this does not include pensions subsequently paid. A quarter of this sum, applied to provide a regular army upon the threat of war, would have brought the war to a close in one swift campaign which would have expelled the British from North America and added Canada to the American possessions.

Contrary to our avowed policy of non-expansion and anti-imperialism we took from Mexico as a result of the war of '46 . . . probably the most vast and valuable empire that ever was wrested from a nation by military conquest. The odds were all in our favor, due in no small part to the fact that by that time we had a few officers graduated from West Point, but our bungling with the militia almost lost the advantage. Scott, having advanced half way from Vera Cruz to Mexico City, found his militia at the end of their twelve-month enlistment. They promptly turned around and headed for home. Scott with his few regulars had to sit down in the midst of hostile territory several months while green militia was recruited and sent to him.

* * * * *

From 1861 to 1865 civil war ravaged the land but the old mistakes had preceded Bull Run and continued until Appomatox. I shall summarize briefly: The Union employed some 2,700,000 troops, about three times the number employed by the Confederates. The North spent five and a half billion dollars, three times the amount spent by the South. Yet, it required four years to suppress a rebellion that might have been prevented had there been a regular army available under military instead of political leaders, or, if not prevented, it could have been shortened with appreciable savings in human life and material wealth.

So far nothing has been said of our numerous Indian wars. While comparatively insignificant, the same gross waste attended their prosecution. Just one example, the Seminole war cost us \$2,000,000. This conflict could have been avoided entirely if we had had a small regular army with which to make nothing more than a show of strength.

The Spanish war is sufficiently within our own time to be of common knowledge to most of us, yet is in the past far enough to offer perspective. Little, then, need be said of it other than that we were in the usual deplorable condition upon its outbreak. We knew nothing of the theater of operations, knew nothing of the whereabouts of the Spanish navy, and had no war plans under which to place a large army in the field. We

provided inadequate transports for the troops destined for Cuba, made no provision for their return in the event of defeat which was quite possible under the conditions and at one time was very probable.

The Cuban campaign was launched at the height of the yellow fever season, a condition which took a greater toll in casualties than the bullets of the hard fighting but poorly led Spanish troops. Luck was with our navy; the war lasted only a hundred and nine days. The cost, which is still mounting by way of pensions, was as usual disproportionate. The discovery of the cause of yellow fever by Major Walter Reed, an army surgeon, has been an economic benefit worth more than the cost of the war but certainly cannot be cited as an excuse for that cost.

Following the Spanish war, a few rays of light filtered through the fog of legislative halls and our regular army was actually increased and provision made for a really effective general staff. Heretofore, after each war the army and navy had been reduced and scattered, its units and leaders allowed to stagnate in inaction until the next emergency. Little criticism can be made of our defense establishment as it existed then until 1914. There was a wise provision for expansion though the expansion thus provided was inadequate and was not put into effect when it should have been. Colonel House spoke plainly to President Wilson about the necessity for a show of force in 1915 and 1916. Both belligerents violated our rights as laid down in international law. Wilson wrote numerous notes, scraps of paper without force behind them. The results were perfectly natural and normal, no one paid any attention other than to acknowledge politely our notes and to continue the violations. Colonel House was not alone by any means in maintaining that a show of force would have prevented our entry into the war and in all probability this show made in favor of either the Alliance or the Entente would have ended the war at least a year earlier with the consequent saving in life and property.

Let us see by conservative estimate what this show of force would have cost us and what, if anything, it would have saved us. The immediate visible cost of the war was roundly \$23,000,000,000 plus \$10,000,000,000 loaned and since donated to our allies, making a total of \$33,000,000,000 to say nothing of subsequent costs in pensions, hospitalization, and other expenditures directly or indirectly chargeable to the war. Of the latter we may mention the billions loaned to the allies after the war, eighty per cent of which it is estimated was used

to rebuild European armaments while we dismantled ships and cut army rolls—billions for European arms, hardly a cent for the defense of our own peoples! And *this* is the debt Europe refuses to repay.

Expenditure of \$5,000,000,000 (\$28,000,000,000 less than \$33,000,000,000) on our national defense in addition to the current appropriations spread over 1914, '15 and '16 would have put us in position to dictate our terms without participation in combat, ending the war probably in 1917 if not earlier. These estimates are made by competent and conservative authorities, but assuming that we would still have found it necessary to place an expeditionary force in France, it could have been done in 1917 instead of more than a year after we declared a state of war in existence. Non-participation through a show of force would also have saved us our 50,475 battle deaths and our 182,622 wounded and 4,500 prisoners to say nothing of a reasonable proportion of the remainder of our total of 350,300 casualties. Participating, but with trained soldiers, we probably would have saved 12,000 killed or mortally wounded in battle and 45,000 other wounded.

Our experience in the so-called World War taught us a lesson, a costly lesson as all such experiences are, but nevertheless a worth while one. General Pershing, as a result of his own military experiences and with all the persistent blunders of our past history clearly in mind, laid down a plan of national defense consistent with our needs and with our temperament. This plan was incorporated in legislation in 1920 and gave promise of eliminating for all time the uneconomic and wasteful mismanagement of one of the most important productive functions of our federal government. Our dream of sanity and security, enjoyed but short duration. Politics, subsidized pacifism, administration "economics," and public apathy have succeeded in progressively reducing appropriations to slowly but surely ruin our national insurance policy; shortly we may expect to be back in the old rut.

How do present costs of national defense compare with other items in the government budget? In the following, monetary figures are all in terms of the "1926 Dollar," otherwise the increases would appear greater.

Population increase, 1913 to 1926—21 percent.

Total government expenditures increase same period—164 percent.

Costs per capita:

	1913	1926	Increase
Military	\$ 4.01	\$ 5.02	\$ 1.01
Other items	41.65	99.23	53.57

Percent of estimated national income spent on armament:

1928—Great Britain, 3 percent; France, 4.6 percent; Italy, 4.3 percent; United States, 0.8 percent.

Per capita expenditure in United States for comparative items:

1929—

Total defense appropriations	—\$4.48
Public Schools	—18.80
Life insurance premiums	—21.80
Tobacco	—17.50

The conclusions, if any may be drawn from this fragmentary treatment of the subject, seem to be these: That national defense is a necessary and a productive function of government and as such its merits business-like and not sentimental consideration. That the United States has never been business-like in handling its national defense, as a result of which we have suffered unnecessary losses in lives and in wealth. In short we have paid more for sentimental pacifism in both gold and blood, far more than even militarism, which emphatically is not advocated, would have cost us. National defense as provided in the Act of 1920 (if maintained) is an economic solution and a wise preventive of both pacifism and militarism.

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Our Military Policy, Lieut. Col. P. S. Bond, Corps of Engineers, U. S. A., The Society of American Military Engineers, Washington, D. C.

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Alumni Religious Survey Issued

The number of alumni who participated in this survey, almost 20% of the lay membership, indicates not only a lasting spiritual influence in Notre Dame's training, but all the elements of co-operative militancy that the Church is seeking in the program of Catholic Action. Father O'Hara's Survey should be a vital stimulus to that great movement. It is certainly a stimulus to the almost miraculous work which Father O'Hara is doing on the campus.

Asserting that the practice of frequent communion was the outstanding feature of their religious life at Notre Dame, one hundred and twenty-nine alumni reported in the *Religious Survey of the Alumni*, that this factor strengthened their characters most while in school. Reverend John F. O'Hara, C.S.C., compiled the information in the new *Survey* and published the Bulletin last month.

In the fore-word, Father O'Hara writes that the report presented in the survey is the fulfillment of a plan conceived ten years ago at the University when the first *Religious Survey* for students was prepared for public distribution. Not until this year was the plan carried out.

When asked whether or not they thought the discipline too strict or too lax in their time, a variety of answers were received. Such answers as "Can it be too strict?" and "Too strict at times. It's fair, though" showed the average trend of thought regarding this question.

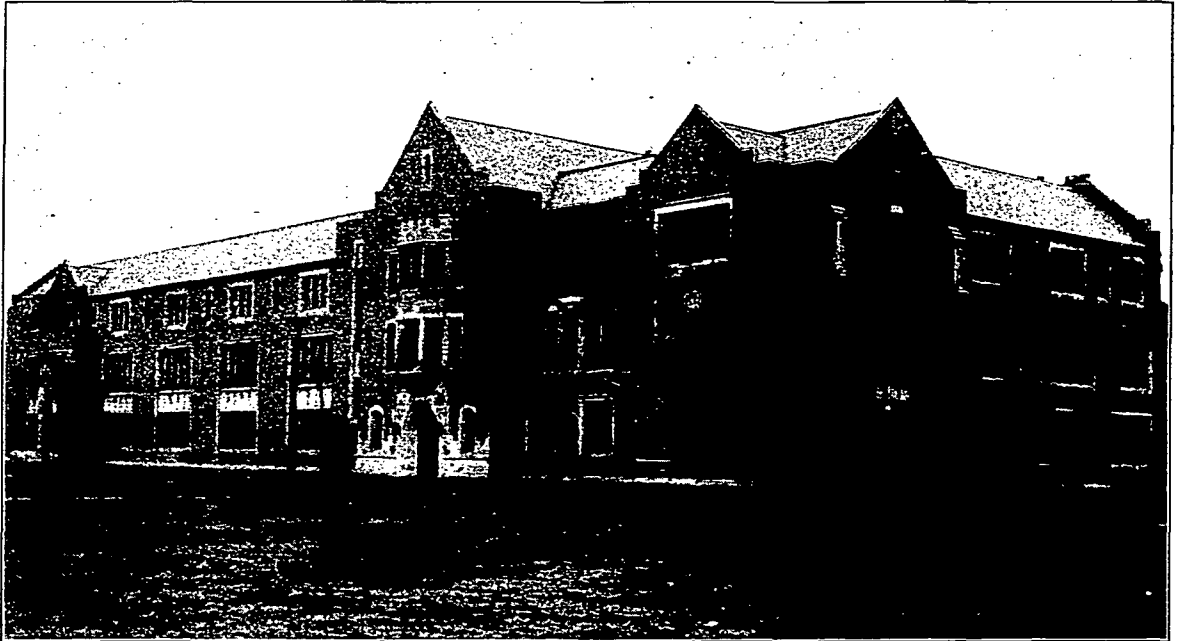
In the *Survey*, the alumni were given an opportunity to express their opinions on all matters at the University as well as to render advice and constructive criticisms of the manner in which the school is conducted.

The publication is divided into seven chapters: Introductory, The alumnus, the parishioner, the lay missionary, the citizen, the husband, and father, and the bachelor. Under each grouping, a list of seven or eight questions relating to the subject are answered.

Because of the almost immediate success of the *Survey* among the alumni, there is a possibility that future studies of this kind will be undertaken, the cumulative effect of which will be to present a very satisfactory picture of the life and mind of the educated Catholic layman in America.

THE NEW ENGINEERING BUILDING

By Francis W. Kervick, Architect



THE JOHN F. CUSHING, C.E. '06, HALL OF ENGINEERING

About two years ago studies for an engineering building at Notre Dame were begun, so that all the departments of the College of Engineering could be situated together. There was a careful investigation of the equipment at other schools and of the future growth and possible expansion of the departments of the College. It was necessary that provision be made not only for the Departments of Civil, Mechanical, and Electrical engineering but for metallurgy and for mining engineering as well. The Department of Architecture was not included in the project, since it already had its own building, adequate for the purpose. Provision for so many departments, with varying needs, involved the preparation of a number of plans, until the drawings were definite enough to be presented for the consideration of the faculty of the College. Meetings were then held, at which the designs were discussed and changes were made, until the plans were in form for working drawings.

At this juncture Mr. John F. Cushing, a distinguished graduate of the Department of Civil Engineering, of the Class of 1906, contributed \$300,-

000 toward the erection of the building needed. Completely equipped, this building will represent an expenditure of nearly a half-million dollars. With the means available, it was possible to begin on working drawings, and the building itself was begun on the 26th of May, 1931.

A general plan for the location of new buildings at the University had been drawn up, which provided for the erection of them on the two sides of the Dore Road, between Lyons Hall and Eddy Street. The location assigned to the engineering building by this general plan was the south side of the proposed mall, between the new law building and Eddy Street. This location determined the general character of the structure, as there had to be harmony of material and of exterior treatment between this building and the others in the plan, even though it involved such diverse elements as shops, laboratories, and classrooms. And since the engineering building had to be in harmony with its neighbors, it has many of the characteristics found elsewhere on the campus. No stylistic treatment was attempted in this

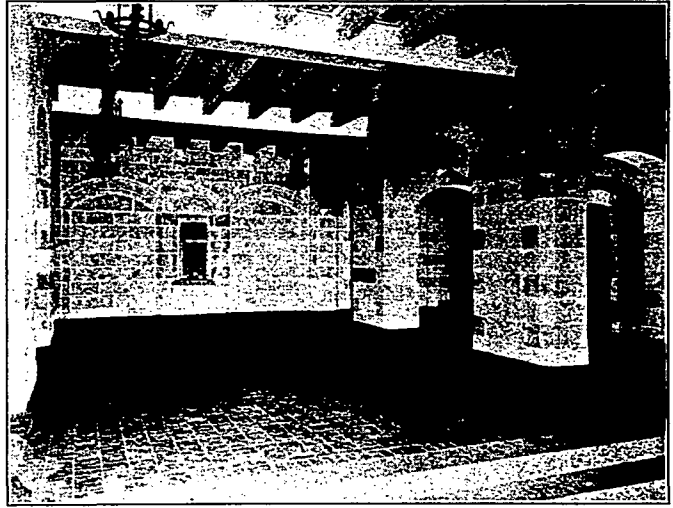
instance, but if mullioned windows, pitched roofs, and an occasional buttress make for Gothic, it may be called Gothic in style.

The building has a frontage of 300 feet, upon the new mall, and a depth, north and south, of 150 feet. The front of the structure has been more richly treated, though it is still a rather austere façade. The entrance is marked by a high-gabled projection, having an arched doorway, with an oriel window above. At the east end is another projecting bay, enriched with buttresses and an elaborate niche containing the statue of St. Thomas the Apostle, patron of builders. In the spandrels between the first and the second floor are carved borders alternating with the names of Catholic scientists and engineers—de Vinci for mechanics, Marconi for wireless, Sanmichele for fortifications, Agricola for mining engineering (whose book upon the subject has been translated by President and Mrs. Hoover), Volta, Ohm, and Galvani for electricity, and some fifteen others of note. Grotesques representing various trades and professions connected with engineering are

also to be found here and there on the building.

The main entrance to the building leads directly to the memorial hall, which is faced with stone and with massive piers and arches. The floor is impressively paved with hand-made tiles of red and brown, and the ceiling shows the concrete exposed. The beams of the ceiling are painted in brilliant tones of blue, green, and red, with gold enrichment. Directly opposite the entrance is a gray marble tablet, treated in gold and colors in the manner of an illuminated manuscript, and bearing the inscription: "With honor and gratitude Notre Dame cherishes the name of John F. Cushing, whose sympathy with the ideals of the University and generous interest in the high purposes of scholarship are enduringly recorded in the gift of this building for the service of learning and the greater glory of God."

At the right of the entrance to the building is the office of the dean of the College. The office and the reception room are panelled in walnut and the floor is tiled. The assembly room, which may be entered either from the memorial hall or from the west corridor, has seats for 520 persons. At the front end is a small stage, and provision is made for the illustration of lectures. The lighting is from overhead and the treatment of the walls is in grey and silver. The part of the building devoted to metallurgy consists of a library room, an office, a laboratory, a classroom, small rooms for thermal treatment, x-ray, and head-measurement illustration, and a dark room. The Department of Mining Engineering occupies the



THE MEMORIAL HALL

"... Notre Dame Cherishes the Name of John F. Cushing ..."

rest of the north front, with a laboratory, an assay room, a balance room, an office, and a furnace room.

In the east wing and the west wing of the first floor are the wood shop, with an adjoining locker-room, a students' recreation room, and a toilet. In the south part are the machine shop, the mechanical testing laboratory, and the high-tension laboratory. The latter is an impressive room, about forty feet square and forty feet in height, to be used by graduate students for experiments requiring high voltage. Between the north and the south part of the building in a court, are several laboratories for the study of hydraulics and road ma-

terials, a testing laboratory and a grinding room. The rooms have concrete floors and overhead lighting.

On the second floor are classrooms, nearly all of which seat about forty students, the private offices for the faculty, the instrument room, the map room for the students of civil engineering, and the engineering library. On the third floor are the draughting-rooms, a few classrooms, some offices, the model room, and the blue-print room. The rooms on this floor are of glazed brick, as are all of the corridors, laboratories, and shops. The lavatories and the locker-rooms at each end of the building on all floors, are wainscoted in marble and glazed brick and have terrazzo floors. All rooms requiring ventilation are ventilated mechanically.

As all good building is the result of collaboration on the part of the owner, architect, and builder, the architect of the engineering building, Francis W. Kervick, of the Department of Architecture, at Notre Dame, wishes to express his appreciation for the sympathetic assistance of the president of the University, Father Charles L. O'Donnell, and of the dean of the College of Engineering, Father Thomas A. Steiner, in the conduct of the work, and of the cooperation of the builders, Ralph Sollitt and Sons Construction Company, whose organization has been most helpful. The architect expresses also his thanks to all those in his employ, and especially to two of his former students, Raymond J. Graham, '17, structural engineer, and Donald Kreis, '29, whose help has contributed much to the progress and success of the work. (Bulletin of the College).



THE ELECTRICAL LABORATORY

A Part of Professor Cuparo's Quarters

OUR ALUMNI ASSOCIATION, IF ANY?

(An Editorial)

HISTORY

Notre Dame's first Alumni Association was formally organized in 1868. Subsequently it enjoyed the ups and downs of the school itself, and was definitely reorganized in 1908, from which time it has enjoyed at least annual meetings. In January, 1923, the ALUMNUS was first issued, with Alfred C. Ryan, '20, as Editor. In June, 1924, Mr. Ryan was elected Secretary of the Association, the first layman to hold this position. He was at the same time graduate manager of athletics. In January, 1926, the present incumbent succeeded Mr. Ryan and became the first full-time, paid alumni secretary. One girl was added to the Alumni Office for general secretarial and records work in 1927. Growth of the records department made it necessary to add another girl in 1929.

PURPOSE

According to the first Constitution, 1868, the purpose of the Association was: "To preserve and strengthen the common tie that binds us to each other and Alma Mater, by means of yearly reunions and by literary correspondence."

This philosophical purpose was broadened a bit by the 1908 Constitution: "The object of the Association shall be to promote friendly relations among the alumni of the University and to further interests of Alma Mater in such ways as may be considered best. "The school now entered the picture prominently and properly.

The 1925 Constitution stated: "The objects of this Association shall be to foster a spirit of loyalty and fraternity among the graduates and former students of the University of Notre Dame; to establish more effective relations between the University, the Alumni and the Alumni Association; to co-operate with the University in carrying out proposals looking toward its progress and welfare; and particularly to advance the interest, influence and usefulness of the University of Notre Dame." This clause was unquestionably the result of the Association's participation in the campaign for the expansion program, and emphasized this phase of alumni activity.

The present revised instrument, under which we are operating, simplifies the wording beyond any of the above clauses, but the significance of the relationships in these years is incalculably greater. The formal statement is: "The object of this Association shall be to foster a spirit of loyalty and fraternity among the graduates and former students of Notre Dame; to establish more effective relations between the University and the Alumni Association.

PRESENT STATUS

The Alumni Association, in addition to the personnel of the central office listed above and the publication of the magazine, has a number of auxiliary phases of organization which it maintains and motivates.

Class Secretaries, to the number of 42, are in contact with the Alumni Office with news of their classmates, graduate and non-graduate.

Sixty-six Local Clubs, three of which are abroad, are constantly furthering the identification and interests of more than 11,000 Notre Dame men.

The Local Alumni Club Council, composed of representatives from these Clubs, has met twice with resulting progress in Club organization, which will be further stim-

ulated when the new Constitutional provision for Districts becomes effective.

Forty-two Class Agents began last year the important work of building up the Living Endowment.

These are the perennial activities, changing only as they increase. Temporary activities arise constantly to occupy the time and attention of the formal alumni organization. The Rockne Memorial is the current outstanding example.

Commencement and Universal Notre Dame Night form two annual red letter periods on the Office calendar, brief in their actual functioning, but unending in their detailed preparation.

COSTS

This development has cost more and more from year to year. Income, solely from dues, has not been able to keep pace this past year. A check for comparative costs shows that the average Alumni Association, conducting the above rather standard activities, spends from \$3 to \$5 per alumnus. Those who have taken the trouble to study the Notre Dame budget will know that our annual expenditure per alumnus has been approximately \$2.50.

Various suggestions have been made, various plans tried, for increasing the ALUMNUS advertising revenue. It is not only our experience, but that of practically every alumni magazine in a corresponding position, that this is vain effort. Except for particular types of alumni magazines, expert advice is to expect nothing from the source.

Whereas the average alumni association receives 40% of its support in the form of subsidies from the college, our Office has actually received no outright subsidy for the past several years other than the Office itself. However, the University has given to the Alumni, in the form of free housing at Commencement, the Alumni Banquet, the Religious Survey, and in unremunerated services to individuals, facilities which can broadly be translated into a substantial sum, but which cannot be invoked to balance the annual deficit. Ultimately, broadly, it helps the Association. Immediately, we still have the futile struggle to make ends meet.

PROSPECTS

The Alumni Association cannot be evaluated by its books. The objective of the Association is not its receipt for dues. It is the alumnus himself. As a man cannot be adequately measured by a given year of his life, and even the dead leave certain doubts, so it is with the Association in any attempt to tag its market value.

A Columnist recently commented that "The world would be better off if fewer people were trying to get something for nothing, and more were getting it."

That is our situation.

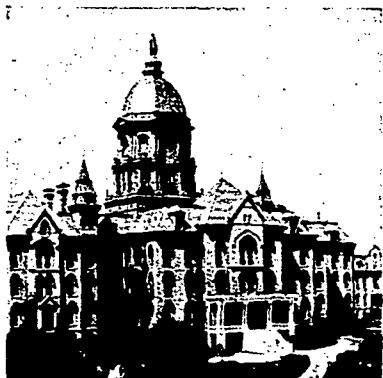
If fewer seekers and more givers were mixed with that substantial body of members who in this distressed era find it impossible to meet their just obligations, the straits in which the Association finds itself would be far less confining. Service to those who need service could be maintained and increased. The paying member would receive more value in return for his investment.

CONCLUSION

Five dollars from you, whose current dues are unpaid, can save the situation. Five dollars from all of you, a miracle of course, would work even greater miracles in return. But that is our problem. Yours is only to send \$5.

Living Endowment Brings Belloc To N. D.

Fund Also Used to Increase Libraries, Equip Laboratories, Purchase Altar in Alumni Hall; Use Exceeds Anticipation.



SEAT OF ADMINISTRATION PROBLEMS

The following letter from the President of the University to the Treasurer of the Alumni Association expresses the disposition of the proceeds of the first year's Living Endowment Fund—evidencing aid in the academic field which even the most optimistic of the Fund's friends had scarcely dared to hope. This despite a deduction of substantial proportions to finance the inauguration of the Fund and its resulting demands upon the Alumni Office for more intensive equipment and labor.

With the launching of the Rockne Memorial, the Association has, this year, laid little stress upon the need of the University for unrestricted funds. But in the President's letter two things are significant. First is the tendency of the first year's contributors to carry out this request for unrestricted funds—only 13% of the actual contribution being subject to even the general restriction of College. (The preponderance of restricted gifts to Engineering from the smallest proportionate group of alumni is interesting.)

Second is the almost unbelievable results the University has been able to obtain with this comparatively small amount of income. The securing of Hilaire Belloc, brilliant Catholic writer and speaker, is itself a fitting sequel to the securing of G. K. Chesterton for a series of lectures a year ago, that series also being made possible by a member of the Alumni Association. Approximately \$650 was spent in the addition of needed books to the libraries of the Colleges of Arts and Letters, Engineering, Commerce and Law, while \$50 was spent in the College of Science for the addition of effective stereopticon equipment.

Alumni Hall, as a result of the Fund, is the proud possessor of a

beautiful marble altar for its chapel, imported from Italy where it was made from a design by Maginnis and Walsh, architects of the Hall and its chapel.

Another achievement of the year, made possible by the Fund, was the cataloguing of the famous Dante Library of the University. The Dante collection was begun and largely developed through the efforts of the late and famous Rev. Dr. John A. Zahm, C.S.C., explorer, scholar, scientist and author. It contains more than 2,800 volumes in 40 languages. The collection is augmented by medallions, bronzes, marbles and photographs, and additions are made as the occasion arises: It is this marvelous collection, one of the world's best in its field, that has been subjected to the invaluable but expensive process of efficient cataloguing through the agency of the Living Endowment Fund.

The success of this first year's labors in the field of raising annual gifts from alumni ought to be the best evidence of the unlimited potentialities in this direction. If achievement is the best form of argument, subsequent efforts in raising the annual Living Endowment Fund ought to attain increasingly substantial success.

February 15, 1932.

Mr. Walter Duncan, Treasurer,
Alumni Association of the
University of Notre Dame,
LaSalle, Illinois.

Dear Mr. Duncan:

I acknowledge with thanks your check on behalf of the Alumni Association for \$5,800.00, representing the net returns to the University for the first year of the Living Endowment collection.

Through the general office of the Alumni Association I learn that the total of this Fund for the year was \$9,510.00, and that the difference between this total and the amount received by the University represents

expenses of promotion and collection, as follows:

Addressograph Equipment	
(½ total cost)	\$ 550.00
Cost of the Alumnus (less than ¼) ..	800.00
Percentage of office personnel expense	1410.00
Printing and postage	750.00
Miscellaneous (travel, literature, etc.) ..	200.00
Total	\$3710.00

From the same course, I learn that designated gifts amount to \$688.00, as follows:

3 members of the College of Arts and Letters	\$ 37.00
6 members of the College of Science ..	40.00
24 members of the College of Engineering	316.00
10 members of the College of Commerce ..	170.00
4 members of the College of Law	125.00
Total restricted	\$688.00

The total of unrestricted gifts, therefore, is \$5,112.00.

These restricted gifts have in every case been allocated according to the donor's wishes. Except for the donation to the College of Science which was applied to stereopticon equipment, the other gifts were applied to the libraries of the Colleges in question. The unrestricted amount of \$5,112.00 was used for the following purposes:

The Main Altar of the Chapel in Alumni Hall (a marble altar designed by Maginnis and Walsh and imported from Italy), the cataloguing of the Dante Library, and a course of lectures to be given at Notre Dame this spring by Hilaire Belloc.

May I say that the results of the Living Endowment Movement during this first and most difficult year are significant and satisfactory, rendering firmer still, it seems to me, the ties that bind together the Alumni Association and the University in a mutual devotedness which we like to believe is peculiarly our own.

With appreciation of your personal service in this movement, and of so much else in the way of devotion and self-sacrifice, I am,

Sincerely yours,
REV. CHARLES L. O'DONNELL,
President.



LIBRARY BENEFITS FROM ALUMNI FUND

BULLETINS

Father Lavin Dies

The ALUMNUS learns at press time of the death of Rev. Walter A. Lavin, C.S.C., Litt. B. '10, in St. Paul, Minn., on February 28. Father Lavin has suffered ill health for some months, but returned to Notre Dame for a few weeks after an almost miraculous recovery. A return of his illness caused him to go back to Mayo's. Father Lavin was president of Sacred Heart College, Watertown, 1902-3. He was assistant professor of Latin at Notre Dame from 1908-17 and came back to the University from Columbia U. in Portland in 1928. He was rector of Sorin Hall at the time illness forced him to retire. During his career at Notre Dame he was also rector of Badin and Sophomore halls. He was born at Lawrence, Mass., Sept. 15, 1878, coming to Notre Dame first in 1897 and remaining for three years.

Dr. Austin O'Malley Dies

Dr. Austin O'Malley, LL.D. '95, aged 73, for seven years a professor of English literature at Notre Dame is dead. He achieved fame in both the arts and the sciences. Dr. O'Malley died in Philadelphia, February 25 after a year's illness. Dr. O'Malley was a brother of Frank Ward O'Malley, '99, journalist and playwright. He was at N. D. 1895-1902.

New York Club Elects

John E. Kenney, '21, was elected president of the Notre Dame Club of New York City on Feb. 25. The Class of '26 corralled the other officers with the election of William Reid as vice-president, Norbert "Doc" Gelson as secretary, and Edward Fallon as treasurer. The second annual retreat of the Club has been announced for March 18-21 at the Loyola House of Retreats, Morristown, N. J. The retreat is open to alumni and their friends.

Appoints N. D. Delegate

Thomas D. Lyons, Litt.B. '04, was appointed on Feb. 20 by Gov. "Alfalfa Bill" Murray, as a delegate from the 1st District, Okla. (Tulsa) to the National Democratic Convention in Chicago. Forty-eight delegates from Oklahoma will attend to cast the state's 22 votes. The delegation was bound by the state convention to support Murray for the nomination, "as long as he has a chance."

George Ryan Is Breen Medalist

George Ryan, El Paso, Texas, speaking on "Prohibition, An American Tragedy," won the Breen Medal and the oratorical championship of the University in Washington Hall on January 14. Ryan is a Senior A.B.

This year's victory, won over able competition, is the 47th award of this symbol of eloquence, awarded through the generosity of the late William P. Breen, '77, of Fort Wayne, Ind. The award has annually stimulated a high interest and a brilliant achievement in the field of oratory at Notre Dame, best evidenced by the list of Medalists, which follows:

LIST OF MEDALLISTS (BREEN)

- 1886 in aequo DANIEL P. BYRNES, LL.B.,* and DONALD LATSHAW, Kansas City, Mo.
- 1887 PHILIP V. BROWNSON, A.B.*
- 1888 CHARLES J. STUBBS, LL.B., 212 - 22nd St., Galveston, Texas
- 1889 HOMER P. BRELSFORD, A.B., 200 N. Daugherty St., Eastland, Texas
- 1890 JOHN S. HUMMER, LL.B., 69 W. Washington St., Chicago, Illinois
- 1891 JAMES J. FITZGIBBONS, Litt.B., Newark Trust Bldg., Newark, Ohio
- 1892 The Medal was not awarded.
- 1893 H. LAMAR MONARCH, Litt.B., Glen View, Richmond, Indiana
- 1894 HUGH A. O'DONNELL, Litt.B., The New York Times, New York City
- 1895 EUSTACE CULLINAN, SR., A.B., 860 Phelan Bldg., San Francisco, Calif.
- 1896 JOHN G. MOTT, LL.B., Citizens Bank Bldg., Los Angeles, Calif.
- 1897 CHARLES M. BRYAN, Litt.B., 1640 Peabody Ave., Memphis, Tennessee
- 1898 LOUIS C. M. REED, 19 W. 44th St., New York City
- 1899 PAUL J. RAGAN, A.B., Maumee, Ohio
- 1900 ALFRED J. DUPRIER, LL.B., 2127 Broadway, Beaumont, Texas
- 1901 JOSEPH W. KENNEY, Richmond, Indiana
- 1902 JOHN L. CORLEY, LL.B., 4463 Lindell Blvd., St. Louis, Missouri
- 1903 THOMAS D. LYONS, Litt.B., Hunt Bldg., Tulsa, Oklahoma
- 1904 (Rev.) MAURICE GRIFFIN, Litt.B., 13824 Euclid Ave., E. Cleveland, Ohio
- 1905 STEPHEN GAVIN, 116 Sycamore St., Modesto, California
- 1906 EDWARD F. O'FLYNN, Ph.B., 1212 Joseph Vance Bldg., Seattle, Wash.
- 1907 (Very Rev.) JAMES W. DONAHUE, C.S.C., Litt.B., Notre Dame, Indiana
- 1908 (Rev.) JOSEPH J. BOYLE, C.S.C., Litt.B., College of St. Thomas, St. Paul, Minn.
- 1909 (Rev.) I. E. MCNAMEE, A.B., St. Francis Rectory, 54 E. 11th, Portland, Ore.
- 1910 (Rev.) FRANCIS WENNINGER, C.S.C., Litt.B., Notre Dame, Indiana
- 1911 (Rev.) CHARLES C. MILTNER, C.S.C., Ph.B., Notre Dame, Indiana
- 1912 WILLIAM J. MILROY, LL.B., 10012 South Park Blvd., Chicago, Illinois
- 1913 SIMON E. TWINING, Ph.B.* (died in the World War)
- 1914 EMMETT LENIHAN, Ph.B., 506 McDowell Bldg., Seattle, Washington
- 1915 J. CLOVIS SMITH, Ph.B.* (died in the World War)
- 1916 TIMOTHY P. GALVIN, Ph.B., 708 First Trust Bldg., Hammond, Indiana
- 1917 BERNARD J. VOLL, Ph.B., Sibley Machine Co., South Bend, Indiana
- 1918 JOHN A. LEMMER, Ph.B., 1110 Eighth Ave., Escanaba, Michigan
- 1919 CORNELIUS PALMER, 39 S. La Salle, Chicago, Illinois
- 1920 PAUL R. CONAGHAN, Ph.B., 208 S. La Salle St., Chicago, Illinois
- 1921 RAYMOND M. GALLAGHER, Litt.B., 4515 Washington Blvd., Chicago, Ill.
- 1922 JAMES W. HOGAN, Litt.B., Kewanee, Illinois
- 1923 JOHN E. DUFFY, A.B., Lafayette, Indiana
- 1924 MARK E. NOLAN, LL.B., Gilbert, Minnesota
- 1925 HARRY MCGUIRE, A.B., Outdoor Life Publishing Co., Denver, Colorado
- 1926 WILLIAM J. COYNE, A.B., Notre Dame, Indiana
- 1927 JAMES C. ROY, A.B., 1029 Northwood Blvd., Fort Wayne, Indiana
- 1928 THOMAS LEE, A.B., 1249 Fulton Road, Canton, Ohio
- 1929 PATRICK R. DUFFY, C.S.C., A.B., Holy Cross College, Brookland, D. C.
- 1930 FRANK E. CORBETT, A.B., 1524 Wells St., Fort Wayne, Indiana
- 1931 FRANK MCGREAL, A.B., 7028 Merrill Ave., Chicago, Illinois
- 1932 GEORGE B. RYAN, Senior A.B. Student, Home, El Paso, Texas

* Deceased.

THE WORLD OF THE INSECTS

By REV. FRANCIS J. WENNINGER, C.S.C., M.S., Ph.D.,

Dean of the College of Science, University of Notre Dame

(ED. NOTE: The following article is a reprint of Father Wenninger's broadcast from the South Bend Tribune radio station, inaugurating a series of broadcasts on topics of scientific, legal, commercial and general cultural topics by members of the University faculty. The broadcasts have already met with great success, establishing a most valuable relationship with the community in matters academic.)

If you had been a soldier of Napoleon it might have been your fortune to march at the head of a column commanded by General Count Dejeau, one of the Little Corporal's bravest aids. You would have become accustomed to the sight of your commander, garbed in the colorful uniform of a general of infantry, every inch a soldier from the soles of his boots to the crown of his top-hat. But it is the hat only that for the moment interests us because of its curious appearance. The general was an enthusiastic bug hunter and, even during his military campaigns, used his leisure moments to hunt insects, and to fasten the captured bugs with pins to the outside of his hat. At the battle of Wagram, a shot struck him and he was thrown from his horse. Napoleon hastened to the side of the wounded general and asked if he were still alive. The answer was, "I am Sire, but alas, my insects are all gone." This is the interest of the enthusiast. It is the interest of a Swammerdam who wished for a year of uninterrupted light so that he might work on his bees; or, of a Boerhave who spent an entire day cleaning a caterpillar of his fat; or, of the German who patiently counted forty thousand muscles in a larva. It is the interest that caused Lady Glanville of England to be suspected of insanity, and that inspires the caricature of the entomologist of today. But it is an interest that grows with acquaintance because he who turns his attention to the vast world of insects will find among its tiny folk more occasions to marvel than Gulliver in all his travels, and more reason to wonder than the companion of the adventurous Baron Munchhausen.

Insects deserve attention for many reasons; first of all, because of their numbers and wide range of distribution. If it were possible to collect in one place a single specimen of each species of animals that inhabit the earth, four or five individuals in this collection would be found to be insects. There are, for example, forty thousand species of flies; over three hundred kinds of mosquitoes; nearly a thousand kinds of bees; a thousand kinds of cockroaches; six hundred kinds of grasshoppers; two thousand

kinds of dragon flies; two thousand kinds of Lady birds; and over a hundred and fifty thousand kinds of beetles. Within a radius represented by an hour's motor ride, more kinds of insects can be found than there are species of birds in the whole world; and within an hour's walk more kinds than there are species of mammals in all creation. For insects abound everywhere,—on land and water, in field and forest, on the mountain and in the plain, even in and upon other animals and man.

The economic relation of insects to man is worth considering. In our day and age, the dollar is the common standard for determining values. Judged by this standard, the study of insects is of momentous importance. The loss sustained by the country's hay crop last year was over twenty millions of dollars. Three times that amount was lost through the ravages of insects that attack our stored grain, while four times that amount, or eighty five millions of dollars represents last year's loss in cereals. The tobacco crop was damaged to the extent of two millions of dollars; the potato crop was depreciated to the extent of ten millions and the cotton industry suffered a loss of sixteen millions of dollars. There is not a staple article raised that does not suffer depreciation due to destructive insects. Now although only about one species in a hundred is harmful, the grand total of losses caused annually through the ravages of insects in America is well over a billion dollars. Each time we pay seven dollars in taxes, one of these dollars is made necessary because of the depredations of insects. This is an item in the economic life of the nation that may not be overlooked.

The temptation is strong to speak only of injurious insects. But it will be more advantageous to confine attention to the insect world in general rather than attempt an exhaustive study of any particular group thereof. Man stands unique among the creatures of God. He boasts of his prowess, and takes complacent delight in the contemplation of his high prerogatives. But this is justified only when he considers himself in his entirety, as a creature made up of body and soul. When he begins to take stock of his bodily perfections and to compare these with similar qualities found in insects, his pride suffers a severe shock. Man is neither as strong as the insect nor as swift; his senses are duller, his actions

clumsier and even his bodily pulchritude is surpassed by that of myriads of crawling beetles.

While he can lift hardly a third his own weight, the lowly mole cricket can parade the garden path loaded with a weight which is three hundred and seventy-five times that of its own body. While man is moving his arms once up and down, the house fly moves its homologous organ, the wing, three thousand six hundred times. There are about three hundred and seventy-five muscles in the human body, but a caterpillar usually has over four thousand, and ten times that number have been found in some species. Man and the larger mammals have a sense of smell which resides in two olfactory grooves, but the common June bug has several thousands of these. If an athlete could jump as high in proportion to his height as the despised flea, the world's record for the high jump would be somewhere around half a mile. And even so ordinary a function as the taking of food becomes insignificant because if a man ate as much in proportion to his weight as a caterpillar he would require a daily ration of a thousand pounds.

Nor is man justified in taking undue pride in what he is pleased to call modern inventions and discoveries. While primitive man knew no better anesthetic than a club, the glow worm concocted a potion so potent that nothing could disturb the sleep which it induced. Long before fire was invented or coal was mined, the social bee employed in hive ventilation the identical principles that the modern engineer uses in keeping the air pure in the coal mines.

Centuries before man thought of cold storage and sterile preservation, the wasp was keeping meat fresh for weeks, and the bee was storing honey that remained fresh indefinitely. The Eumenes wasp was a finished potter, employing fine natural cements and excellent hydraulic mortars, thousands of generations before man knew how to fashion a flint. The bombardier beetle employed gas against its enemies for uncounted centuries before the oriental invented the stink pot or modern man resorted to gas in warfare. Of the energy that goes into the best electric bulb of today, the best engineering skill at our command can convert only two per cent into light while ninety-eight per cent is lost as heat. But the fire-fly long ago reversed this proportion.

Insects have a food value in only

a few isolated regions of the world. The Moors fry locusts in butter made of camel's milk; the pupae of silk worms are eaten in China; and some species of moths are relished in Africa. Some Mexican Indians make an infusion of Tiger beetles which has a potency that the average American home brew cannot approach.

The contributions of insects to the world's commerce are not unimportant. Shellac which is used to wax our floors, to stiffen derby hats and to make discs for phonographs, is made of lac, the secretion of an Asiatic scale. The Spanish fly is a beetle which is transformed into one of the medical world's principal blistering agents and it also forms an ingredient of many hair washes. Tannic acid and ink are derived from galls; a scale insect is used to make a dye that is still superior to the synthetic dyestuffs used in coloring garments. The silk worm manufactures the world's most prized textile fibres, and the honey bee makes one of civilization's most delectable sweets.

The body of an insect is composed of three parts,—a head, thorax and abdomen. Each of these parts in turn is composed of a number of separate rings or segments. The head is a sort of box, composed of six segments welded into a single piece, and having here and there joints that are more or less strongly marked and, in some instances, scarcely visible. To the head are attached the jointed antennae or feelers, the eyes and the mouth parts. Antennae are always composed of segments, the number of which varies between three and forty and is so constant in the several species as to constitute a definite basis for classification. When the insect is in repose, the antennae are usually folded along the back or the sides, though there are insects that have a special groove in the side of the body for the reception of the antennae. At least eight kinds of feelers are recognized by entomologists. They are organs of perception of such delicacy that, compared to them, the nose of a setter is a dull organ indeed.

Insects have either simple or compound eyes, though not a few have both. A simple eye consists of a single lens; compound eyes are made up of many lenses, called facets. The number of facets varies greatly in the different families. The ant has about fifty facets in each eye; the hawk moth has thirteen hundred; the house fly has four thousand; the silk worm has six thousand two hundred and thirty-six; the dragon fly has about fifteen thousand; and the blue swallow tail butterfly has over seventeen thousand; and, the Mordella, a small beetle, has over twenty five thousand. Simple eyes usually occur

in threes. Very probably the range of vision of the simple eye is not more than two or three inches. There are entomologists who claim that insects with simple eyes can do little more than distinguish light from darkness. The compound eye is supposed to have a range of about two or three yards, though experiments on this point are not conclusive. There are insects that have no eyes at all. These have lost their eyes by degeneration.

Insects exhibit an amazing variety of habits. The female mosquito likes blood; the honey bee and the butterfly suck up the nectar of the flowers; the cinch bug sucks the juice from the corn leaves; the maple worm bites and chews the leaves of our shade trees; the carrion beetle eats animal matter; the house fly laps up syrup and rasps off sugar; grain weavels eat starches; bird lice devour feathers and hair; clothes moths and carpet beetles eat our clothes and carpets. For this variety of food habits nature has designed a variety of mouth parts. One insect has biting mouth parts, another has a sucking mouth, while a third has a piercing beak and a lapping tongue. But all these parts are but modifications of three fundamental structures,—the mandible, the maxillae and the labium. Mandibles may be strong jaws for crushing, as in the locust; or trowel-like as in the honey bee; or long slender saws, as in the scorpion flies; or they may be reduced to mere rudiments, or lacking altogether, as in some butterflies.

The thorax is always composed of three segments. Each of these bears a pair of legs, and the last two have wings. Of course, not all insects have wings, nor do all insects have the same kind of wings. The hard scale of the beetle and the soft leathery wing of the fly are typical examples. The wings may be compared to a net. Now if you imagine the fibers that compose the net to be hollow and to be filled with air, and the spaces between the tubes to be bridged with a membrane, you will have a fair idea of the structure of a wing. The rate of vibration of the wings varies from about nine times a second in the cabbage butterfly to three hundred and thirty-three per second in the house fly. When the insect is in flight, the wings describe a figure eight. All insects have six legs. This rule has no exceptions, though in some cases all the legs are not equally developed.

From what has been said, it will be inferred that the insect body is subject to great variations. This is the case. In size, insects vary from the tiny four-winged chalcid that has developed in the egg of another insect, to the Phasmids of the tropics,—

walking sticks, ten to twelve inches in length, and the great Formosan dragon flies with a wing expanse of ten inches. An insect from the Carboniferous period has been found that had a wing expanse of just two feet. The muscular system varies from the simple worm-like structure of the caterpillar to the highly complicated system of the house fly and the bee.

The alimentary canal is a tube, that of the plant feeders being longer than that of the flesh eaters. There are salivary glands in insects but no liver and no kidneys. The functions of the kidneys are taken care of by long thread-like tubes of the intestine, called Malpighian tubules. The circulatory system is interesting because the blood does not, as in our bodies, carry oxygen to the tissues, and because it is not enclosed in arteries or veins. There is a simple tube containing from three to eight chambers which communicate with each other. The blood is forced from one to the other of these chambers from the posterior to the anterior, and from there to the body cavity. Here it bathes all the tissues,—but, it is never enclosed in any vessel.

Insects do not breathe through the mouth, nor through any other opening in the head. Instead they have air supplied through openings on the sides of the thorax and abdomen. There are from two to ten spiracles or pairs of these openings, called stigmata. To prevent dust or any other foreign particles from entering, they are guarded by fine hairs, or, in some cases, by little valves or lids. From these openings, a system of delicate air tubes ramifies so perfectly that the whole of the insect's body is reached. Insects that live in water have gills like a fish, or they may come up for air, or they take the air down with them in the form of small bubbles.

The nervous system consists usually of a brain and a ventral chain of paired ganglia. These ganglia or swellings of nervous tissue are segmentally arranged and connected by a pair of longitudinal cords. There is also a sympathetic nervous system. It is very small and is connected with the central system by cords.

The organs of special sense are interesting because of their unusualness as compared with the more familiar structure of the corresponding organs in our own bodies. As insects know the world it must be a matter depending very largely upon the character and capacity of their sense organs. But the difficulty of understanding the sense life of the lower animals is obvious when it is recalled that our only knowledge of the character of their sense perceptions

depends solely on our experiences of our own perceptions, and on the basis of comparison with this. We do not know whether or not hearing is the same same experience with insects that it is with us. But a comparison of the structure of the insect organism with our own, and a course of experimentation with the sense of hearing, based on experimentation with our own senses, leads to what we believe is real knowledge of the special senses of the insects. Insects certainly have the senses of touch, hearing, smell and sight. If they possess other senses, these have so far remained undiscovered, and will probably always remain so since we have no criteria for recognizing other senses. The sense of touch resides in the hairs scattered abundantly and more or less regularly over the body. Each of these hairs has at its base a ganglionis nerve cell from which a fine nerve runs to some body ganglion. The sense of taste resides in certain small papillae or tips that are found on the upper wall of the mouth and on the mouth parts. Ants have been given morphine mixed with honey—and have promptly refused it. They were also tried on strychnine and the result was the same. Wasps can taste at least certain drugs, and have been known to recognize quinine and alum. Probably the most perfectly developed sense among insects is that of smell. The smelling organs are microscopic pits to be found usually on the antennae but also on other parts, notably on the mouth.

We know this from experiments that have been made on insects that had their antennae clipped off or coated with paraffin. Insects thus treated do not find food nor do they find their mates. The sensitiveness of the insect to smell sensations seems to depend, in some measure at least, on the number of these pits. The ordinary carrion beetle has about forty thousand pits on a single leaf of the antennae,—and there are six to eight leaves in each antennae. Miss Field has shown that ants recognize each other by the sense of smell. Mayer's experiments show the high degree of the specialization of the sense of smell in *Promethes*, a large moth. He carried four hundred and fifty cocoons from Massachusetts to Florida Keys. Here they hatched, several hundred miles from home. Some females were enclosed in bottles with the mouth of the bottle closed with netting. Others were enclosed in sealed jars. Males were released at various distances and soon found their way to the jars that were open to the air, but never to those that were sealed. Other males that had their antennae covered with shellac never found the females, though all the females were in plain view through the glass of

the bottles. Other males had their eyes covered with pitch, but it made no difference, they always found the females as long as their antennae were free.

That insects can hear is proved by their possession of auditory organs, and also by experiment. These organs are situated in various places on the body. The locust has them on the abdomen; the katydid has them on the foreleg. Experimenters have been able to demonstrate the vibratory rate that is best for some insects. For instance, it has been determined that five hundred and twelve vibrations per second will set all the hairs of the mosquito vibrating. Just why it is that bees will

hear the call of the queen and remain quite unresponsive to the report of a thirty-eight calibre pistol is a question that has not been answered.

And so the story of the insects goes on. Only a fragment has been offered. A few facts only have been told; many more have been omitted. Enough has been said, however, to prove that not the heavens alone show forth the glory of God, nor is it only the firmament that declared the work of His Hands. For His Name is on the forehead of every creature and His Hand is not shortened in creating the bug that squirms in the mire, or the mole that digs in the ground. For by the greatness of the creature the Creator of them all may be seen.

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PROGRAM OF RADIO LECTURES

By members of the faculty of the University of Notre Dame
From the studio of Station WSBT-WFAM of the South Bend *Tribune*
On the dates given in the program below.

THE COLLEGE OF SCIENCE

February 8—"The Insect World," by Rev. Francis J. Wenninger, C.S.C., Ph.D., dean of the College of Science.

February 10—"The Story of the Bacteria," by Mr. J. Arthur Reyniers, M.S., instructor in biology.

February 15—"The Changing Scene of Animal Life," by Mr. William L. Engels, B.S., instructor in biology.

THE COLLEGE OF LAW

February 17—"The Decline in Ownership," by Mr. Clarence E. Manion, D.D., professor of law.

February 22—"The Delays in Litigation," by Judge William M. Cain, LL.B., assistant professor of law.

February 24—"The Lawyer and the Public," by Mr. Thomas F. Konop, LL.B., dean of the College of Law.

THE COLLEGE OF COMMERCE

February 29—"The Place of a College of Commerce in Preparing Students for Business Leadership," by Rev. Thomas A. Lahey, C.S.C., Ph.D.

March 2—"Business Ethics," by Mr. Eugene J. Payton, LL.B., associate professor of marketing.

March 7—"Speculations and Investments," Mr. Lee T. Flatley, M.S., instructor in marketing.

THE COLLEGE OF ARTS AND LETTERS

March 9—"Contemporary Views of the Universe," by Mr. Daniel G. O'Grady, Ph.D., assistant professor of philosophy.

March 14—"Backgrounds in Literature," by Mr. Charles Phillips, M.A., professor of English.

O'Grady Writes Text; Chesterton Prefaces It

Professor Daniel C. O'Grady, Ph.D., of the Department of Philosophy, has joined the select group of faculty members who have contributed books to the field of philosophy, it has become known, with the publication of his book "Cosmology."

The edition was published by the University Press of Ottawa, Canada. The book is being used as a text in the Junior classes in cosmology in the University during this semester.

The preface of the edition is written by Gilbert K. Chesterton, well known to University students, who makes some interesting remarks in inimitable style.

The book contains a survey and study of Cosmology in general; its material has its basis in the mimeographed sheets now used in the University cosmology classes, and also written by Doctor O'Grady. Five years' work was needed to assimilate the material in the book; the present edition stands as one of the most finished and up-to-date of its kind.

Besides the publication of the book, Professor O'Grady has recently written two articles which have appeared in the *Catholic School Journal* and the *Revue de l'Université* of Ottawa, entitled, "Seven Lamps of Education" and "The Heart Versus the Head."

N. D. Militarists Active

In addition to Capt. Robert Riordan, '24, of the Field Artillery Reserve, who has an article in this issue, Joseph Apodaca, '30, instructor in economics, is slated for a commission in the Military Intelligence Reserve; Clarence Kaplan, '31, a member of the coaching staff, is working for a commission in the Infantry Reserve Corps; John C. Boyle, a student, is also working in this field, and Robert Streb, a senior Commerce student from Canton, Ohio, recently received a second lieutenantcy in the Field Artillery Reserve Corps.

Campus Clubs Regulated

Activity in campus clubs was stimulated by the Presidents' Council at a recent meeting with the following regulations: (1) Every campus organization must hold at least two regular meetings during a semester or forfeit its charter; (2) Beginning in September, 1933, no city or state club will be permitted to function unless it has an alumni club organized at home.

Both rulings are aimed at a strengthening of the particular student organizations at Notre Dame that have the greatest influence on student and alumni activities. The last ruling of the Council is a bit rigid, but is directed along the co-operative lines that the Alumni Office has sought to introduce for the Alumni Clubs in conjunction with the undergraduate units from similar areas.

Glee Club Intensifies Work

In preparation for an extensive spring campaign, Professor Joseph J. Casasanta, '23, director of the University Glee Club, has cut his last semester's organization of 125 voices to 65. Negotiations are well along for an Eastern tour during the Easter holidays, but final arrangements are not complete at this writing. Material is abundant and good this year. Appearances to date have shown a Club of excellent quality.

Downey Heads Lay Faculty

Professor William Downey of the department of economics was elected president of the Lay Faculty Club of the College of Arts and Letters at a meeting on January 18. It was at this meeting that the paper by Robert Riordan, '24, Registrar, which appears in this issue, was presented. Prof. John M. Cooney, department of journalism, is vice-president of the Lay Faculty group, and Professor George Wack, department of modern languages, is secretary-treasurer.

RAY MILLER ELECTED



HON. RAYMOND T. MILLER, LL.B. '14

His Honor, Mayor Miller! The lengthy article in the January ALUMNUS concerning Ray Miller told all but the important fact which has since happened — Ray was elected Mayor of Cleveland on the 16th of February by a substantial majority. It was a tremendous personal triumph over tradition and strong opposition. The ALUMNUS extends the congratulations of the Notre Dame alumni everywhere to Mayor Miller. Mayor Miller is a brother of Harry Miller, nominee for President of the Association, among other brothers. (cf. Don, Jerry and Walter in numerous issues of the ALUMNUS.)

Old Freshman Hall Closed

Freshman Hall (old), the temporary structure that was to have been torn down in the Fall but for the desire to reduce the number of off-campus students, has been vacated for the second semester by moving its first semester residents into the various vacancies that the exigencies of financial and academic credit caused. Only 286 students are now under the technical category of off-campus students. Another 214 reside in South Bend but are native sons. Alumni will welcome this development of the University's Back-to-the-Campus movement.

John V. Hinkel on Ochs

John V. Hinkel, '29, now with the New York Times, has had a book "The Contribution of Adolph S. Ochs to Journalism," published in a limited edition by the daughter of Mr. Ochs. Publisher Ochs has written Author Hinkel, "I consider your work the greatest compliment ever paid me in the field of journalism."

John Kolars Dies

John Kolars, 33 years old, a student at Notre Dame in 1921-22, veteran of the World War, died in Walla Walla, Wash., February 20, after a number of years of illness as an aftermath of naval service during the war. Jack was a son of Charles C. Kolars, '85, and a brother of Frank Kolars, '24. He was a charter member of the Notre Dame post, Veterans of Foreign Wars. He married Miss Dora Wright of Niles, Mich., who survives him, with two children, Barbara Jean and John F., Jr. His mother, a sister, Mary, and another brother, Charles, also survive him. He was buried February 24 in Walla Walla with a military funeral.

Students Visit Washington

A group of politics students, led by Instructor Paul Bartholomew, '29, will visit Washington, D. C., on a special educational tour during the Easter Holidays. The group will visit points of interest, emphasizing those connected with the history of George Washington. The tour leaves South Bend March 20, lasting five days. A visit to Annapolis and the U. S. Naval Academy will be included.

Fr. Miltner V-P of A. C. P. A.

Rev. Charles C. Miltner, C.S.C., '11, Dean of the College of Arts and Letters, was elected vice-president of the American Catholic Philosophical Association at its annual meeting in St. Louis recently. Rev. Leo Ward, C.S.C. '20, Prof. William Roemer, Ph.D. '27, and Rev. Julian Sigmar also attended the convention.

T. A. Daly Lectures

Tom Daly, LL.D. '17, famous dialect poet, lecturer and humorist, appeared in one of his popular Washington Hall presentations recently. He recited some of his Italian verse, told a number of interesting incidents. He praised Rev. Charles L. O'Donnell for his poetry. As always, his appearance was tremendously popular with a capacity audience.

'Santa Maria' Is Yearly

Notre Dame Council 1477 Knights of Columbus has announced that the *Santa Maria*, official Council publication, formerly issued at several intervals during the year in magazine form, will become a year-book. The name will be retained. May is the date of publication. Year-book traditions will govern the new form. Paul Hallinan, Painesville, Ohio, editor of the *Dome* of 1931, is editor of the *Santa Maria* this year.

LATE CLUB NEWS

Chicago Club Elects

The annual election of officers, and meeting, of the Notre Dame Club of Chicago was held at the Hamilton Club Thursday evening, Feb. 25. The speakers were Arch Ward, '21, sports



JAMES H. BRENNAN, '20
Retiring Chicago Club President

editor of the Chi Trib, who praised football as a virile, vigorous sport, and threw over-emphasis for a 20-yard loss; Heartly "Hunk" Anderson, '22, who told of the prospects of next year's team and commented on the new football rules. Hunk was introduced by his old teammate, Norm Barry, '21.

Jim Brennan, '20, the retiring president of the Club, gave a summary of the year's activities, and introduced the treasurer, William R. Maher, '24, who reported as to the finances of the Club.

An amendment to the Constitution was passed which makes the president of the Chicago Club of Notre Dame, the student organization on the campus (Wm. Bud Groves this year) an honorary member of the Board of Governors of the Notre Dame Club of Chicago.

John F. Cushing, '06, was elected honorary president of the Club for the coming year. James A. Ronan, '26, was made president of the Club. William R. Maher, '24, became first vice-president and James F. Mc-Nicholas, '25, second vice-president. Robert D. Stephan, '27, is the new secretary. Thomas Spencer McCabe, '22, controls the funds as treasurer.

The Board of Governors consists of Joseph J. Sullivan, '02, Thomas C. Donovan, '24, Joseph Rigali, '26, and the honorary member created by the

new amendment, Wm. Groves of Notre Dame.

Among the guests of the Club were Fire Chief Corrigan of Chicago, William E. Donahue of the Chicago Tribune, and Judge Francis J. Vurpillat, former member of the University faculty, who spoke.

At the conclusion of Jim Brennan's report, he was given a beautiful Gladstone bag engraved, "To President Jim, from the Notre Dame Club of Chicago," as a testimonial from the members of the Club for his splendid work and leadership during the past year. Ed Gould, '23, made the speech of presentation.

LATE CLEVELAND NEWS

You are undoubtedly already aware of the election of Ray T. Miller as Mayor of Cleveland.

You will also note from the other article which I have marked the death of Charles Rohr, father of Charles E. Rohr, Jr., of the class of 1930, chairman of our membership committee. Mr. Rohr received the Sacraments just prior to his death, and was buried from St. John's Cathedral here Saturday, February 20th in a very impressive ceremony which was attended by practically all of the city's dignitaries, including our new mayor, Ray T. Miller, who was among the pall bearers. The Notre Dame Club attended the funeral in a body.

We were very grateful to have had the pleasure of a visit with Dr. George Keogan who attended our luncheon, Saturday, February 13th while he was here with the basketball team. A good crowd turned out for the basketball game with Western Reserve, including Father 'Mike' Moriarty of Wooster, who spent the day with us. We hope Father Moriarty's visits will be more frequent in the future and we promise to have Gene Kane there the next time he comes. The old quartet couldn't function without Gene, which almost ruined a perfectly fine afternoon.

The boys certainly played beautiful basketball and the game was thoroughly enjoyed by everyone except Matt Trudelle, who was inclined to take exception to the absence of Notre Dame music.

I received a letter from Paul Brady of Painesville in which he sends regards to "all of the Clan." We hope Paul will come into town and see the "Clansman" more frequently.

George Kerver,

Secretary.

Campus Architects Organize

Architectural students have organized a club on the campus to promote social and extra-curricular professional activities. Cliff Hyland, a senior of Rockford, Ill., is the first president.

Thirty-one February Alumni

Thirty-one students finished the necessary work for degrees at the end of the first semester. Degrees, however, will not be awarded until June. A doctorate and two master's degrees were among those achieved.



FREDERIC WILLIAM WILE

Frederic William Wile, alumnus of Notre Dame, native of Indiana, famous Washington correspondent and political writer, is broadcasting the International Disarmament Program over the Columbia network from Geneva, Switzerland, each week during the progress of the conference.

Scholastic Boxing Show

A boxing show, under the auspices of the Notre Dame Scholastic, in the University gymnasium, recently netted the Bengal Mission Fund more than \$300. The program was snappy throughout. A comedy feature bout between Corby and Sorin representatives was a highlight. A number of clever bouts and an interesting exhibition match pleased a large crowd.

Indiana Bar to Meet Here

The Indiana State Bar Association will hold its annual summer convention at Notre Dame early next July. Orlo R. Deahl, former South Bend judge and a special lecturer in the College of Law, made the announcement. Three hundred delegates will attend. The Association has met previously at Indiana and Purdue for conventions.

NOMINATING COMMITTEES REPORT EXCELLENT SLATES 1932-33

HONORARY PRESIDENT

Rev. John Cavanaugh, C.S.C., '90

Very Rev. James W. Donahue, C.S.C., '07

PRESIDENT

Clarence Manion, '22, Notre Dame

M. Harry Miller, '10, Cleveland, Ohio

FIRST VICE-PRESIDENT

Timothy P. Galvin, '16, Hammond, Ind.

David V. Hayes, '21, Hartford, Conn.

SECOND VICE-PRESIDENT

Chester D. Freeze, '10, Milwaukee, Wis.

James E. Sanford, '15, Chicago, Ill.

DIRECTOR (4-Year Term)

Hugh A. O'Donnell, '94, New York City

Bernard J. Voll, '17, South Bend, Ind.

The above slates are the results of several months deliberation by the Nominating Committees: Thomas Curry, '14, chairman, Daniel Coughlin, '22, and James Swift, '24; and Arthur Hughes, '11, chairman, John Cassidy, '17, and Daniel O'Neil, '25, as previously appointed by President Hayes.

The slates represent such prominent alumni that the ALUMNUS is spared the necessity for biographical elaborations. Father Cavanaugh is the present incumbent of the honorary presidency. Father Donahue is the widely known and loved Superior General of the Congregation of Holy Cross. Clarence Manion is better known to the constituency as "Pat." He is the present vice-president of

the Association, the first to make a trip in the field in the interests of the Association. Harry "Red" Miller is the first of that illustrious line of Cleveland (nee Defiance) Millers. Harry is no amateur in alumni affairs, completing this year his active four-year term as national director of the Association. Tim Galvin, Hammond attorney, has graced so many subsequent generations with his oratory that he is widely known to the great majority of alumni. Dave Hayes, who won several monograms, interrupted in acquiring a little German shrapnel, is now a business man in Hartford, Conn. Chester "Chet" Freeze is in the advertising business in Milwaukee, where he is a regular in the N. D. Club and at present promoting the Rockne Memorial in that

area. James E. "Jim" Sanford is also an advertising man, but with Chicago as his base. Jim seldom misses an event of importance at N. D. Hugh O'Donnell, the present president of the N. D. Club of N. Y. is also a former president of the Association. Hugh is assistant business manager of the N. Y. Times. Bernard Voll, the other nominee for the directorate, is the present president of the Notre Dame Club of the St. Joseph Valley, and president of the Sibley Machine Co. of South Bend.

The Class of 1932 will elect a director for one year before their graduation. The treasurer's job is combined with the office of the secretary, the combined subject to appointment by the Board.

Constitutional Revision Accepted by Majority

Light Vote Shows Lack of Interest; Significant Changes Go Into Immediate Effect With Adoption of New Clauses in Code; Alumni To Be Districted by Board; Treasury Moved to Alumni Office.

By a vote of 389 to 9, the revised Constitution of the Alumni Association was ushered into effect on February 15. A committee consisting of Walter Clements, '14, and Paul Butler, '27, South Bend, Indiana, counted the ballots in the Alumni Office.

Most significant in the new set-up is the provision for dividing the alumni into districts. The Board of Directors is to effect this division at an early meeting. The result should be increased intensive development and contact among alumni.

The treasury, which now is using only red ink, is combined with the

office of the Secretary, thus removing from individual shoulders an onerous and unremunerated task. Details of the transfer will be covered gradually between now and Commencement, the end of the fiscal year.

The revised Constitution and the effective By-Laws attached, now in effect, are reprinted herewith:

**CONSTITUTION OF THE ALUMNI ASSOCIATION
OF THE
UNIVERSITY OF NOTRE DAME**

ARTICLE I. Name

SECTION 1. The name of this organization shall be the Alumni Association of the University of Notre Dame.

ARTICLE II. Objects

SECTION 1. The object of this Association shall be to foster a spirit of loyalty and fraternity among the graduates and former students of Notre Dame; to establish more effective relations between the University and the Alumni Association.

ARTICLE III. Membership

SECTION 1. The Association shall consist of active, honorary and associate members.

SECTION 2. The active membership shall consist of the following:

(a) Alumni of the University of Notre Dame. The term "alumni" shall embrace those holding the degree given in course by the University for bachelor, master, or doctor.

(b) Former matriculates whose entering Class shall have been graduated and who, upon application to and approval by the Board of Directors shall be acceptable to membership.

SECTION 3. The honorary membership shall consist of the following:

(a) All who receive from the University of Notre Dame degrees Honoris Causa.

(b) Those friends and benefactors of the University of Notre Dame whose services the Association may desire to recognize and who shall be nominated and elected by the Board of Directors.

SECTION 4. Associate membership shall consist of the faculty of the University of Notre Dame, not otherwise eligible to membership, who, upon election by the Board of Directors shall enjoy all the privileges of active membership.

Provided, however, the qualifications for membership shall not apply to those who are members of the Alumni Association of the University of Notre Dame at the time of the adoption of this Constitution.

ARTICLE IV. Officers

SECTION 1. The affairs of this Association shall be managed, conducted and controlled by a Board of Directors consisting of a President, first Vice-President, second Vice-President, Secretary-Treasurer and six Directors.

SECTION 2. The retiring President of the Association shall become ex officio a Director for one year next succeeding the expiration of his term of office as President. All of the elected members of the Board of Directors as constituted under the Constitution of 1925 shall continue in office as Directors until their respective terms of office expire. At the annual election of the Association to be held in the Spring of 1932 and each succeeding year thereafter one Director shall be elected to hold office for four years until his successor has been duly elected and qualified. Each graduating Class of the University beginning with the Class of 1932 shall elect a member of the Class as Director of the Association for a term of one year and until his successor has been duly elected and qualified.

SECTION 3. No one shall be eligible to hold the office of President, first Vice-President and second Vice-President unless he shall have received a degree given in course by the University of Notre Dame of bachelor, master or doctor. Any member of the Association in good standing is eligible for any office in the Association except as hereinbefore provided.

SECTION 4. Any vacancies occurring in the Board of Directors shall be filled at the next annual election of the Association.

SECTION 5. Annual elections shall be held in the Spring each year in such manner as the By-laws shall provide.

SECTION 6. The Board of Directors shall meet annually immediately before the annual meeting of the Association or at any time at the call of the President or by a petition signed by any three members of the said Board.

SECTION 7. The President and any two members of the Board shall constitute a quorum, otherwise four members of the Board shall be necessary for a quorum.

ARTICLE V. The Fiscal Year

The official year of the Association which shall govern the terms of the officers and the fiscal affairs of the Association shall be from the date of the annual meeting to the date of the next annual meeting.

ARTICLE VI. By-Laws

By-laws not inconsistent with this Constitution embodying additional provisions for the government of the Association and for the purpose of carrying out all provisions of this Constitution shall be adopted

and may be amended from time to time by a vote of two-thirds of the members present or voting at any annual meeting of the Association or by special mailed ballot, provided further that notice shall be given of the change or amendment in the official publication of the Organization at least thirty days prior to said vote. Provided further that the By-laws appended to this Constitution shall go into effect contemporaneously therewith and shall be and remain in full force and effect subject to amendment as hereinbefore provided.

ARTICLE VII. Amendments

SECTION 1. Amendments to this Constitution may be proposed

(a) By a petition signed by at least ten members and filed with the Secretary on or before April 30; or

(b) By a resolution of the Board of Directors filed with the Secretary on or before April 30; and shall thereupon be printed in the ALUMNUS, if and when published, before the annual meeting, and shall be submitted to the members upon, and as part of, the printed ballot be mailed to the members on or before May 20. The vote thereof shall be canvassed and certified by the tellers as provided for the election of officers.

SECTION 2. An affirmative vote for the addition of such an amendment by two-thirds of the total legal votes cast at such election shall render such amendment effective from the time of the announcement of such result, if not otherwise provided in such amendment. If it does not receive two-thirds vote, it shall stand rejected.

BY-LAWS

ARTICLE I. Duties and Powers of Officers

SECTION 1. It shall be the duty of the President to preside at all meetings of the Association and the Board, and to perform all the usual duties of that office.

SECTION 2. The first Vice-President shall perform the duties of the President in case of the latter's absence or disability.

SECTION 3. The second Vice-President shall perform the duties of the President and the first Vice-President in case of the absence or the disability of both and in addition shall have charge of, and preside at the annual meeting of, the Officers of the Districts.

SECTION 4. It shall be the duty of the Secretary-Treasurer to keep an alphabetical list of all the alumni together with brief biographical notes pertaining to the same; to act as necrologist, rendering an annual report as such necrologist, as prescribed by the Board of Directors; to act as a general agent of the Association under the control of the Board of Directors and to this end he shall have the general welfare in charge; to aid in the formation of local alumni clubs; to act as editor of the official alumni magazine, the *Notre Dame Alumnus*; to collect membership dues; to keep the seal and accounts of the Association; to receive all money belonging to the Association or funds held in trust by it; to inform each member of the Association concerning delinquencies in the payment of dues. He shall perform such other duties as the Board of Directors may from time to time prescribe and shall receive such compensation as the Board of Directors may determine. The Secretary-Treasurer shall give a bond for the faithful discharge of these duties, in such amount as the Board of Directors shall determine and with such sureties as they may approve. He shall render a true and accurate statement of the funds of the Association at the annual meeting. His accounts shall be audited annually by an auditor appointed by the Board of Directors.

SECTION 5. The Board of Directors shall have control and management of the affairs of the Association in conformity with this Constitution and the By-laws.

SECTION 6. Term of office. Every officer of this Association whose tenure of office is not herein otherwise specifically fixed for a longer term shall hold his office from his election until the next annual meeting of this Association and until his successor is elected.

ARTICLE II. Meetings

SECTION 1. The annual meeting of this Association shall be held at the University of Notre Dame, in the State of Indiana, upon a day and hour to be fixed by the Secretary of this Association with the approval of the President of the University of Notre Dame, provided, however, that such day must be one of the days during which the annual Commencement exercises of the University of Notre Dame are in progress.

SECTION 2. Special meetings of the Association may be held at any time at the call of a majority of the Directors fixing the time and place of such a meeting.

ARTICLE III. Election of Officers

SECTION 1. At the annual meeting but not later than November 1 following the incoming President shall appoint two nominating committees of three members each who have not held an office for a year.

Nominations for all officers except Secretary-Treasurer and the

Director representing the graduating Class shall be made by these Committees. The Secretary-Treasurer shall be elected by the Board of Directors.

The names and addresses of the members of these committees shall be published in every edition of the *Notre Dame Alumnus* issued after November 1 of that year and until January 20 following with a request for suggestions from the membership at large.

SECTION 2. These two committees shall confer separately, but each shall apprise the other upon its conclusions upon the nomination for President on or before January 20. The two committees are required to make different nominations for President, otherwise shall not be restricted against duplication of nominations. On or before February 28, both committees shall report their nominations to the President and to the Secretary; and from thence forward, the Secretary shall cause such nominations to be published in the *Alumnus* continuously until the annual meeting without reference as to which committee made the nominations.

SECTION 3. Any twenty-five members, not more than ten of whom reside in any one county may by petition addressed to the Secretary, make other nominations, providing this is done by filing same with the Secretary not later than March 1. Such nominations shall also be published in the *Alumnus* after they are received, as in the preceding section required.

SECTION 4. The names of all persons nominated shall be placed by the Secretary on a printed ballot, in alphabetical order, without distinction as to method of nomination, and one ballot, together with an envelope marked "Ballot" with lines for the signature and address of the voter, shall be mailed, on or before May 20 to each member entitled to vote.

This ballot, when marked shall be sealed in such envelope marked "Ballot" upon which the voting member shall endorse his signature and last mail address, and mailed back to the Secretary of this Association or to the Association itself, at Notre Dame, Indiana; or such ballot so enclosed in a sealed envelope, and duly endorsed, may be delivered in person to the Secretary. But no such ballot shall be received or counted unless the same is delivered, as above provided, by mail or in person, at or before the actual meeting, that is, the actual opening and convening of the annual meeting, and before the ballots are delivered to the tellers as herein provided. The Secretary, or some representative for him, shall be in attendance at the annual meeting at least thirty minutes before the convening of the same in order to receive any ballots tendered to him.

SECTION 5. The Secretary shall record, in alphabetical order, the names, with addresses, of all members whose ballot has been received; and shall see that no member deposits with him more than one sealed ballot; and immediately upon the opening or convening of the annual meeting (at which time the polls close), he shall deliver all such ballot envelopes, unopened, together with the list of those who voted, to the tellers theretofore appointed by the President.

SECTION 6. No ballot shall be received or counted unless it is enclosed in a sealed envelope, marked "Ballot", with the name and address of the voting member clearly endorsed thereon, and delivered to the Secretary before the polls close.

SECTION 7. The President shall, either at any time before or immediately upon the convening of the annual meeting, appoint three tellers, who shall open the ballots and canvass the vote, and certify the result thereof forthwith to the membership in annual meeting assembled; and the ballots and list shall thereupon be returned to the Secretary, who shall preserve them for one week, at which time he may destroy them unless otherwise ordered by the Board of Directors. In canvassing the vote, one teller shall open the envelope, and deliver the folded ballot therefrom to the second teller, and the envelope to the third teller, who shall destroy the envelope, and so on. When they are all opened, the votes shall be counted.

SECTION 8. A plurality of the votes cast shall elect.

ARTICLE IV.

DISTRICT GOVERNORS

SECTION 1. For the purpose of more efficient administration of the business and affairs of the Association, the Board of Directors shall divide the territory in which the members of the Association reside into districts. The President shall, from time to time, as directed by the Board of Directors promulgate a list of the districts together with their respective boundaries and no changes or additions shall be made in the districts or boundaries thereof except by a majority of the vote of the Board of Directors.

At the election of the Association to be held in the Spring of 1932 there shall be elected from each of the districts as provided a District Governor and a Lieutenant District Governor who shall hold office for one year. At the expiration of his term of office the Lieutenant District Governor shall become District Governor and shall hold said office for one year. At every annual election after 1932, there shall be

elected from each of the districts as aforesaid a Lieutenant Governor who shall hold office for one year and on the expiration of his term of office shall ipso facto become Governor of said district for a term of one year.

THE ELECTION OF DISTRICT GOVERNOR AND LIEUTENANT DISTRICT GOVERNOR

The District Governor and Lieutenant District Governor shall be nominated and elected in the same manner as provided for the election of other officers of the Association except that the nominating committees for said officers shall be composed of the members of said Association residing in the said district and shall be elected by members of the Association residing in the said district. In the event any district nominating committee fails or neglects to select a nominee for office of District Governor or Lieutenant District Governor within the time as provided by the By-laws of the Association, then the Board of Directors shall nominate from the membership of such district a member of the said district for the said office, or offices as the case may be.

SECTION 2. DISTRICT GOVERNOR'S DUTIES

The District Governor shall, under the general supervision of the Board of Directors of the Association be charged with the duty of furthering the objects of the Association in the district from which he is elected; to supervise and organize new alumni clubs in his district; to promote effective cordial relations between the local alumni clubs in his district and between said local alumni clubs and the University.

LIEUTENANT DISTRICT GOVERNOR'S DUTIES

The Lieutenant District Governor shall perform the duties of the District Governor in case of the latter's absence or disability.

(Continued on Page 51)

SECTION 3. MEETINGS

The District Governor and Lieutenant District Governor shall meet annually immediately before the annual meeting of the Association at the University, or any time at the call of the President or by a petition signed by any six of said District Governors or by a petition signed by any three members of the Board of Directors.

ARTICLE V. DUES

SECTION 1. Every active associate member (except he be a member of a religious order) shall pay annually in advance to the Secretary of this Association such dues as may be fixed by the Board of Directors. The Board shall also determine the portion thereof that shall be designated as the subscription price for the *Notre Dame Alumnus*.

SECTION 2. The Board of Directors shall have the right at any time, by resolution, to take any reasonable and appropriate action as to members delinquent in their dues and as to the retention of their names on the subscription list of the *Alumnus*; but such action shall not take effect as to any member until he has had at least thirty days' notice thereof.

ARTICLE VI. Expenses

SECTION 1. All authorized expenses and obligations incurred by the Association, its office, and its officers, shall be paid by the Treasurer from the funds of this Association.

ARTICLE VII. Order of Business

SECTION 1. The order of business at any meeting of this Association may be fixed by By-laws or by Resolutions of the Board of Directors, except as herein otherwise provided or required.

SECTION 2. The admission to membership of any new members at any annual meeting of this Association shall be deferred until after the election of officers is completed, and the result announced; and the new officers shall assume their respective offices from and at the time of the induction of the new members.

SECTION 3. Ten votes shall constitute a quorum at any meeting.

SECTION 4. Rules of Order. Roberts' Rules of Order shall be the parliamentary authority at all meetings of the Association.

SECTION 5. Whatever publication or notice is called for in the *Notre Dame Alumnus* hereunder, like publication or notice may be effected, with like validity, by mailing such statements or notices, in printed form, to any and all members who would be entitled to receive the *Notre Dame Alumnus*.

ARTICLE VIII. Amendments

SECTION 1. These By-laws, or any of them, may be amended, changed, added to, or repealed by a vote of two-thirds of those present and entitled to vote, at any meeting duly called, notified and held for that purpose.

JOHN COSTELLO, '12, Chairman.

TIMOTHY GALVIN, '16

PAUL CASTNER, '23

UNIVERSAL NOTRE DAME NIGHT, APRIL 18

Notre Dame Clubs and groups not yet organized need no more notice!

In more than 100 world centers, Notre Dame men will gather.

Very simple observances will serve the purposes of the Night.

Expense of entertainment is entirely optional with the groups.

Renewing old friendships with each other and the campus is first.

Study of the new Notre Dame, her aims, policies and needs, is asked.

Alumni everywhere, in universal observance, is the objective.

Loyalty does not depend upon these observances, but is crystallized by them.

Notre Dame is great as never before.

Older men will marvel at a description of the present University.

The Alumni Office will furnish any information possible.

Recent alumni can speak interestingly of the new Notre Dame.

Every Club can find some good in meeting.

Don't hesitate to ask faculty members to come for the occasion.

A visitor from the campus can freshen your Club interest greatly.

Make the occasion one of constructive work as well as enjoyment.

Enjoyment will be found in the serious as well as the entertaining.

Notre Dame occupies a pre-eminent position among Catholic colleges.

In our public relations, alumni have been most pleasantly instrumental.

Good can be done, of inestimable value, by alumni groups, organized.

Have a purpose and a program. Make this Night symbolic of it.

Take special pains to enlist your membership. Your strength is in your men.

April 18 is the NIGHT. Appoint your Committee now. Arrange early.

Prepare so that it will be possible for everyone to participate.

Remember the depression has hit hard, especially the young men.

It is not the menu that measures the success. It is the men.

Let the particular circumstances about you dictate your program.

¹
8 The third Monday in April. Make it a Gold and Blue Day on your calendar.

ATHLETICS

By JOSEPH PETRITZ, '32

There was a football dinner at Notre Dame this month and a captain for 1932 was elected. With all due over-emphasis, the ALUMNUS hastens to record these facts before glorifying in the successes of the basketball and track teams, who are



DR. GEORGE KEOGAN

The Victory Grin—Fourteen Straight

carrying on for Rockne in a way that leaves nothing to be asked.

Our justification is that eating is never out of season and that, before the next issue reaches you, spring practice will be under way and football will again be in season. Then, too, Jack Chevigny has resigned as backfield coach and three of the four 1931 all-Americans have signed contracts to assist Head Coach Hunk Anderson next fall amid a flurry of publicity.

Paul Host, a slim looking left end from LaCrosse, Wis., is the man named to assume Tommy Yarr's burden of captaincy, if the ecstasy of such an appointment can be called a burden. The election was unusual

in that Paul defeated Ed Kosky, the other nominee, also a left end. Paul and Ed have been fighting it out for two years now and an impartial observer would probably call Kosky the first string man.

Those who know Paul Host do not wonder; and this is no reflection on the abilities, personality, or good fellowship of Ed Kosky. Paul is a great athlete and more. He is an honor student, a staff writer for the *Scholastic* who writes good copy, likes to write, and gets his assignments in on time. He has that peculiar ability to mingle with all types and classes that makes his election popular, the courage that demands respect, and accomplishments that warrant his election.

The dinner disclosed that Marchy Schwartz, a fairly good left halfback, is an orator on a level with coaches who, in the words of Warren Brown, "have been out of school five years." He will replace Chevigny in coaching the backs. Captain Tommy Yarr, who signed a life contract to stay home nights the same week he penned his name to the document making him a coach, will handle the centers. Nurdy Hoffmann, the third of the all-Americans, will be back to work with other linemen. Ike Voedisch will again turn out great ends; they expect his products to be great now. The team's fourth all-American, by the way, is Joe Kurth, who will be back to do a bit of right-tackling.

Coach Anderson has not set a date for the opening of spring practice, but the squad of 300 or as many more as feel the urge, will probably be going through their paces by the middle of March. And now, o-KAY, Walter Winchell. You said last December that Notre Dame would have a basketball team that would make people wonder whether football was still the major sport at the University.

The cage team hasn't gone that

far, but it has done wonders this year. As we went to press, the record stood 15 victories to two defeats. The team had not lost a game since the middle of December. The consecutive victories are now 14, with two



PAUL HOST, LEFT END

Captain-elect of the '32 Football Team

games left to play. Coach George Keogan has taken the squad through the toughest opposition available and that despite illness ineligibilities, and everything else.

The last ALUMNUS brought you word of the first victory over Northwestern after the team had broken even in its first four games. New Year's eve, the boys rubbed it into the Wildcats with another victory at Evanston, 22 to 21. Since then, they have toppled St. Thomas of St. Paul, Michigan State, Marquette, Pennsylvania, Pittsburgh twice, Iowa, Syracuse, Western Reserve, and Butler.

The two losses were to Indiana and Purdue. For the Indiana game, Johnny Baldwin was missing from the lineup with a severe cold and Tommy Burns went out in the first half on personal fouls, depriving the team of its two regular guards. Baldwin could play only half of the Purdue game. Finally, both games were

before Ed Krause, who now leads the team in scoring, had adjusted himself to rubber soles after three months on cleats and become a member of the varsity.

The second game with Northwestern was a repetition of the first, but not a repetition that made the action dull. The ball travelled up and down the floor at a furious pace, the score changed hands frequently, and the game was climaxed when Notre Dame took its victory margin and then prevented the Wildcats from scoring two minutes that seemed eons. Ed Krause made his first starting appearance of the season, obliging with 12 points.

St. Thomas, making a trip through the middle west, was fairly easy after the regulars had made up a deficit left them by the shock troops and taken the lead. This game witnessed the innovation and death knell of the shock troop idea in basketball at Notre Dame. The score was 34 to 19.

Michigan State at East Lansing provided Coach Keogan with new tremblings. But baskets in the closing minutes from long range gave Notre Dame a 28 to 25 decision. At this writing, State had lost only two other games in 15 starts. This was the only game in which Notre Dame resorted to long shots for victory. The fast Irish passing attack has been able to go in under the net in every game since then.

When Ed Krause took care of Whitey Budrunas, Marquette's hopes went up the well-known flue. Not only did Krause stop the Hilltoppers center and star, but he dropped in 17 points himself with no apparent effort. The score was 43 to 31 but a closer game is expected at Milwaukee March 4.

Iowa, the first conference team to upset Northwestern, was an unknown quantity when it played here. Coach Rollie Williams had the use of men who were not eligible before the semester and the Hawkeye attack was speeded up. Notre Dame reached its peak in floor play in this game, however, and took a 33 to 15 decision. Krause and DeCook provided the fanciest passing of the season in this game.

Pittsburgh, weaker than usual, lost to the Irish on the local court and then dropped another game at Pittsburgh two weeks later. Dr. H. C. Carlson, Pitt coach, drills the fact into his men that they should not shoot until they are within close range, the Notre Dame defense was impregnable, so the games were called slow when Pitt had continually to bring

the ball back to the center of the floor to start new drives at the net.

Syracuse came west with a team that had lost only three previous games while winning a dozen; it was hailed as nearly the equal of the great Orange Eastern championship team of 1930-31. The game was another close one three-quarters of the way, when Captain Norb Crowe started to hit the net. Notre Dame won going away, 33 to 18, largely because of Crowe's four baskets at opportune moments.

Western Reserve also loomed large on the Notre Dame schedule. The Cleveland team has the reputation this year of being an in-and-outer, impossible to defeat when hitting on all five. The Western Reserve coach, however, made the mistake of putting his best scoring star on Ed Krause. Krause kept him so busy on defense that he forgot about offensive efforts and Notre Dame chalked up another, 32 to 25.

You can thank Joe Voegele, an unknown sophomore, for the twelfth straight victory. It was he who dropped six baskets and three free throws for 15 points and a 37 to 35 decision over a Butler team that led Notre Dame by nine points with five minutes of play remaining. Butler was defeated in only two other games this season.

Games remain with Michigan State here, Army here, Marquette at Milwaukee, and Butler here.

In another week we could tell you more of the Notre Dame track team, for there is a meet scheduled with Harry Gill's strong Illini. But Coach John Nicholson has brought his men

through dual meets with Iowa and Butler victorious and the dope gives the Irish a good chance against the next opponent on the card.

The squad is strong in the running events and will score heavily here in all meets. But the field events are spotty with only two sure-point-getters on hand. Bob Darling usually clears six feet or better in the high jump and that height is good for points in almost any dual meet. Finkel, a sophomore, has helped out the shot put department with heaves of 45 feet 3 inches, and 42 feet, 5 inches. He should be doing great things before his senior year.

Alex Wilson, the trim little Canadian middle distance star, opened the season with his second consecutive victory in the Millrose A. C. 600-yard run at New York. Winning the race for the second time gave him permanent possession of the John Wanamaker trophy. The mile relay team took third behind Penn and Columbia in this meet. Wilson later won the National A. A. U. Championship in the "600" at New York.

Captain Bill McCormick, who has twice tied the world's record in the 60-yard dash, led the team. Charley Kelley, Rudy Obergfell, Fred MacBeth, Brant Little, Regis Kuhn, and John Scanlon are with Wilson in the middle distances, giving Notre Dame real power in the furlong and half-mile.

Eddie King, sophomore star, is showing great promise in the mile, although he has not been pressed as yet. Gene Howerly, cross-country captain and senior, will win plenty of points in the two-mile. The broad jump, hurdles, and pole vault provide the glaring weaknesses in the Irish team, but Coach Nicholson lives in hope of discoveries. DuPuy, a sophomore whom "Nick" taught to hurdle last year, is showing increasing ability and may make people forget Johnny O'Brien before he is through.

It is a bit early for predictions on baseball, golf and tennis, but the next issue should have something on these sports besides the fact that the golf course has been undergoing a manicure during the winter and will present a thousand new trees and what looks like 2000 new traps to returning alumni in June.

Billy Sullivan, '31, third baseman for the Chicago White Sox and a Law student at the University, has been studying movies of his batting form and will be in the .300 class this season. You may lay to that, but Coach Keogan hasn't started to worry about his team yet.

1931-32 BASKETBALL SCHEDULE

UNIVERSITY OF NOTRE DAME

Dec. 4—Kalamazoo	7, N. D. 37.
Dec. 8—Adrian	13, N. D. 37.
Dec. 12—Indiana	23, N. D. 18.
Dec. 15—Purdue	32, N. D. 24.
Dec. 21—Northwestern	25, N. D. 32.
Dec. 31—Northwestern	21, N. D. 22.
Jan. 5—St. Thomas	19, N. D. 34.
Jan. 9—Michigan State	25, N. D. 28.
Jan. 12—Marquette	31, N. D. 43.
Jan. 16—Pennsylvania	12, N. D. 25.
Jan. 23—Pittsburgh	25, N. D. 32.
Feb. 1—Iowa	18, N. D. 33.
Feb. 6—Pittsburgh	19, N. D. 26.
Feb. 10—Syracuse	18, N. D. 26.
Feb. 13—Western Reserve	25, N. D. 32.
Feb. 19—Butler	32, N. D. 37.
Feb. 23—Michigan State	20, N. D. 28.
Feb. 27—Army	23, N. D. 41.
Mar. 4—Marquette at Milwaukee.	
Mar. 11—Butler here.	

ALUMNI CLUBS

ARKANSAS

We are glad to hear from Rev. George F. X. Strassner from time to time. The President of the Arkansas alumni group conveyed the information that Warren Baldwin, a member of the Class of '13, and a resident of Little Rock, was recently re-elected secretary-manager of the Arkansas Real Estate Association.

BUFFALO

The Alumni Secretary was in Buffalo on February 3 and 4 for an executive committee of the American Alumni Council. Despite the depression, an annual party the following week, and a recent meeting, not to mention the fine turnout for Pat Manion in the Fall, the Club entertained the roving delegate at a dinner at the Statler Hotel. Marty Ryan, president of the Club, and Paul Hoefler, a Classmate, had volunteered an afternoon and transportation in the afternoon so that the glories of Niagara Falls might not be missed. Joe Shea, convention magnet for the Statler, did everything to make the stay there pleasant. The dinner and the subsequent informal session were productive of the facts and the philosophy that flow so freely under similar circumstances. While the Secretary hesitates to inflict the burden of entertainment on the Clubs, these opportunities of meeting a group of alumni when on a trip of this kind are too rare to be overlooked. On the return trip, the Chicago Club's luncheon was included in the itinerary while the Notre Dame representative was attending the District meeting of the A. A. C. at the U. of Chicago. An extra lunch at Lester Livingston's Plaisance Hotel was an added feature of the Chicago stop.

CINCINNATI

The following letter from "Hogan" Morrissey is one that cools the Editor's fevered brow. It was written in answer to the form letter sent out by the Alumni Office to the Classes and Clubs.

Dear Jim:

Your very fine letter reached me yesterday, and while you start off by saying you are sorry you could not write it personally, in my mind, and I believe in every other loyal Notre Dame Alumnus' mind, it does carry a very important personal message.

I agree with you, collection of alumni dues is not a job for the clubs and classes as a whole; however, they

can do a great amount of good missionary work, for instance, at a meeting of a club or class group, just a casual remark asking if all had paid their alumni dues would help tremendously. A suggestion by word of mouth, I believe, oftentimes supplies the proper impetus for the individual to come across. Notre Dame Clubs that send out cards or letters calling the clubs together, could also carry a little memo asking the members to be sure to take care of their alumni dues.

There may be some excuse for a falling off on the endowment gift, but there can not be sufficient good reasons for a failure to take care of alumni obligations. We are in a depression, but heavens knows most of us were in a four year depression financially during the four years we spent at Notre Dame. She, in turn, sent us forth equipped to relieve that condition. Five dollars a year certainly is a small interest charge. Notre Dame without an Alumni Association would be like a dish of Italian spaghetti without the garlic. We sure love to tell the world world that we are Notre Dame men, but you can't save the Alumni Association on word alone, can you, Jim?

We do not use the Rockne Memorial as an excuse to pass up association dues. Notre Dame Alumni have to contribute to the Memorial in order to perpetuate the memory of one of her greatest men; however, we must not create a memorial for the Association—it has to live and it will only live by the payment of dues.

As Secretary of the Cincinnati-Notre Dame Club, I will guarantee to at least get the message before every Alumnus in Cincinnati, with the hope that the coming month will see a great increase in the payment of Association dues, and with kindest personal regards, believe me to be,

Sincerely yours,

W. D. Hogan Morrissey.

CLEVELAND

Between campaign speeches for Ray T. Miller, newly elected mayor of the city of Cleveland, February 16, the Club had time to reserve a special section (through the courtesy of the Athletic Committee of Western Reserve University) when the Notre Dame basketball team met the team of Western Reserve on Saturday, February 13.

The Club is also making preparations for a Smoker for the benefit of

the Rockne Memorial Fund. Plans have been made for the appearance of Joe Savoldi in a wrestling match and other attractions which will probably attract a large crowd.

A Committee to assist Notre Dame in contacting prospective students has been appointed. Harry Miller was appointed Chairman. Names suggested for further members of the Committee are as follows: Frank J. Butler, Sr., Frank X. Cull, Judge Joseph Smith, Eugene Kane, George G. Kerver and John P. Butler.

The weekly luncheons are still being served in "The Subway," 1792 E. 9th St., George Kerver writes that Father "Mike" Moriarty, Wooster, has promised that he will stop in the "Subway" very shortly and have lunch with the gang.

DETROIT

My dear Jim:

Just a few lines of gossip to let you know that I am still in the ring before you start writing me in care of the "dead letter office." Yes, there has been a depression even in Notre Dame news matter, but that's not what I started to write about. You probably know more about that than I do, yes much more, judging from your letters.

Well sir, we had the annual meeting of the Notre Dame Club of Detroit February 1, elected some officers for the coming year, and exchanged a few stories and bits of gossip. The new officers are:

John E. Moore—President; John T. Higgins, '27, Vice-President; Paul J. Dooley, '25, Secretary; Edmund A. Polhaus, '25, Treasurer; J. Bell Moran, '07, Member of the Board of Governors (five year term).

Activities were discussed in a general way, but another meeting is planned to get into specific details along this line. We'll be doing something for Universal Notre Dame Night without a doubt, but just what has not yet been decided.

Charley DuBarry, who studied architecture at school, is now with the Graham-Paige Motor Car Co., where Ed. Polhaus still plays the role of shadow to Robert Graham.

Joe Simonin reports that he sees the N. D. boys of the Detroit Edison once in a while and that they're all getting along. That company has a goodly share of Notre Damers, Jim O'Brien, Jimmy Smith, Carl ("Doc") Springer, Vince Stace, and several others.

Al Davis is still searching around for the General Motors Research De-

partment. Don O'Keefe and Bill McCullough are still holding forth in the Chevrolet Division, and Herm Centlivre and Fred Link continue to carry the "Blue and Gold" over at the big advertising agency, Campbell-Ewald. Had lunch with Herm the other day. When I walked in, he was in the act of ordering a scale to measure the progress of his eight and a half pound boy that arrived the week previous.

Mike Halligan is getting to look like the proverbial butcher-boy, a change of appearance that should be helpful in his job of selling meat for the local branch of Armour & Co.

Clark Mahoney and young Sorenson, son of the production manager at Ford's, are getting along great with their new venture, the Allied Aluminum Die Casting Co. Clark seems to be holding his weight despite the new routine of being to work at 6:45 a. m. every day.

Slaggert and Higgins are still practicing the law, and quite busily so, with Wurzer and Wurzer. Charley Molz and Seward Bower are still carrying the colors with the Detroit News, while Ray Girardin still plays the role of "headline hunter" with the Detroit Times. Ray Hunt is here with the Daily Mirror, a tabloid paper owned by the Chicago Tribune outfit. Charley Donahue pays Detroit a visit once in a while in the interest of the tab. Urb Hubert has the toughest newspaper job of the lot, assistant to the circulation manager of the Times. If you want to see him you've just got to stand around on a corner where he might be passing and flag him down.

The Notre Dame Kellys get lots of ink these days. Harry F. Kelly seems to be prosecuting some tough bird in bold faced type about every other day. The bad boys don't care for Harry. Ray Kelly is up-an'-comin' in more ways than one. On June 23 he announced the arrival of Jerry Kelly, number 5. A week or so later he was elected to the National Executive Committee of the American Legion. Besides that he seems to be handling his big job with the Detroit Street Railways without too much squawking from the citizenry or the press. And even with all this success he's still a good Catholic. Yes-siree, I saw him and his wife eating fish at Joe Muer's Seafood shop Friday night just like us common people.

I met Cy Degree on the street not long ago. He tells me he's located over in Cleveland now. His brother, Ed, is practicing the law with headquarters in the Penobscot Building here.

Joe Norton ('24.. and Ed Sawkins, '98 or thereabouts) still hold sway checking up on delinquent minors. while George Reardon, who used to

pull the bun car in the mornings, continues as a judge in the Juvenile Court.

Morry Boland left the Hudson-Essex Distributor and Gil Schaeffer and George Sheeche to start in with Chevrolet and he tells me he's really selling quite a few of them. Good for him, says me.

Called up Bud Boeringer the other day. Says he's playing handball every day and feels ready to take me on any time. Dr. Harvey Brown, who helps out with the football coaching out at the U. of D. in his spare time, stepped out of the ranks of us bachelors not long ago and married himself a wife. Just snaps his fingers at the depression—that's the kind of a fellow he is.

Well Jim, that's about all I can think of just now. Regards,

Paul.

INDIANAPOLIS

The Capital City breaks into the limelight with the publishing of *The Notre Dame Line*. Vol. 1, No. 1, January 20, was received in the Alumni Office and thoroughly read and digested. A leading article, Knights of Our Lady, by that veteran newspaper man, Paul Martin, is followed by some spicy gossip concerning the "gang" in Indianapolis. Congratulations and good luck in the new venture!

MILWAUKEE

Harry Kirk, C. E. '13, of Washington, D. C., had business in Milwaukee Jan. 6 to the 22nd. He renewed old friendship with Bill Redden, John Dundon, Freeman Fitzgerald, Frank Madden, Jim Mathews and Al Zweck.

The Milwaukee Club sponsored a bridge party at the new home of Dr. and Mrs. John R. Dundon on January 29. Arrangements were made for thirty tables. The proceeds were donated to the Rockne Memorial Fund.

Dear Jim:

The Milwaukee Club fell in with President Hoover's anti-hoarding campaign by holding a bridge party which was a success insofar as momentarily, at least, causing legal tender to circulate and thus promoting the Rockne Memorial Fund.

Doctor and Mrs. Dundon were the kind hosts and the success of the affair was due almost entirely to their careful planning and work. The Dundon's have the Club's sincere appreciation for the splendid expression of spirit and for the evening which will be a most pleasant memory to every one of the members who attended.

The basketball team plays Marquette University here March sixth. We are planning a dinner in honor of Coach Keogan to be held shortly

before the game. We look forward to some good basketball with the boys coming through on top. If we can ever get Jean LaBoule to attend one of the dinners we hope to have a real travel program. Jean returned a short time ago from Europe etc. and we would like to hear about some of the details. And then there is Paul Brust who has done some globe-trotting we still want to hear about.

Universal Notre Dame Night promises to be a big evening. We are always sure of a big turn-out for that event.

Sincerely,

Ang Galdabini.

MUSKEGON

The Secretary is optimistic enough to list the Club of Muskegon, which has been (we hope) in the making. A letter from Dick Giroux, '31, started the well-know ball rolling and we trust that by this date the Notre Dame men in and around Muskegon, Michigan are forming a new unit to be included in these pages. It is vital for Notre Dame alumni to be organized to continue the onward march of the Greater Notre Dame.

NEW YORK

The Metropolitan Club of Notre Dame is dedicating its Easter dance to the alumni, according to word received from Eddie Fallon of the New York Club and John F. Werner, Notre Dame, General Chairman of the affair. The dance will be held on the evening of March 28, which is Easter Monday, and Notre Dame alumni and guests will dance in the Hotel New Yorker to the strains of Vincent Lopez and his original orchestra from 9 P. M. to 2 A. M.

Ed Kosky, President of the Met Club on the Campus, is making arrangements whereby students from the entire metropolitan area can secure special train rates and accommodations to enable them to be present at the dance.

ST. LOUIS

The Notre Dame Club of St. Louis sponsored a dance in the evening of December 19, the night before the charity football game in St. Louis in which a number of former Notre Dame football stars participated.

TOLEDO

A short note from Ben Kesting, assures us that Toledo is still on the map.

Bill Clark, '27, a native of Toledo, dropped in the Alumni office recently. Bill was on his way to Chicago on business. Mrs. Clark and daughter remained in South Bend with Mrs. Clark's parents for a visit. Bill reported conditions in Toledo about the same as every place else, with pros-

perity just around the corner, we hope!

UTAH

From an alumnus in Utah we have received the following splendid letter concerning the personnel of the Club. Like the other Clubs in the far West, Utah alumni suffer from lack of contact with Notre Dame. To us, within the shadow of the Dome, it is difficult to realize the difficulties experienced by these men in trying to keep the Club from expiring completely. We take pleasure, therefore, in introducing to the readers of the ALUMNUS the following members of the Notre Dame Club of Utah who have given wholeheartedly of time and money to keep Notre Dame before the eyes of the nation. We have added what information we have in our files to that contributed by the members of the Club and trust that the resume is fairly complete.

First of all, there is the President of the Club, Raymond Brady. Ray was graduated in 1924 and has been a tireless worker for the interests of Notre Dame ever since. He is practicing law under the firm name of Marks, Brady and Acheson and is located at 206 Kearns Bldg., Salt Lake City.

The Secretary, H. E. Weiss, Kearns Bldg., Salt Lake City, is a special representative of the Allis-Chalmers Company and has been a tower of strength to the organization.

The Chaplain, Father Maguire, has charge of two parishes, one St. Vincent de Paul's Church in Murray, Utah, a city of about 5,000 people, seven miles south of Salt Lake, and also pastor of St. Theresa's Church in Midvale, Utah, about twelve miles from Salt Lake. Father Maguire travels between the two cities covering as much territory as the city of Chicago, but having very small congregation. Due to the scarcity of priests it is necessary to inflict this double burden on him, and he is recognized as one of the foremost priests in the community.

Besides the three elective offices, the president is authorized to appoint a board of governors of five to act as an executive committee in matters connected with the club, and this board has accomplished a great deal of good.

Leading the board of governors is Roger I. McDonough, who is the youngest judge of the Third Judicial District of the State. Judge McDonough has made for himself an enviable reputation on the bench, and those who have watched his work in court predict that some day he will undoubtedly sit upon the Supreme Court bench.

Robert Lynch, who was the first secretary of the organization, was formerly engaged in the ice business,

but is now in the brokerage business with his father and brother, with offices in the Kearns Bldg., Salt Lake City.

Charles P. Kahler, who is the oldest graduate in the matter of Class, although he has been promoted and removed to Omaha, Nebraska, where he enjoys a responsible position with the Union Pacific, still retains his membership in the Utah club.

Samuel Powell, Eccles Bldg., Ogden, is a former prosecuting attorney of that city and is now one of the seven bar commissioners of the State of Utah, one of the most responsible and important positions connected with the legal profession. Sam enjoys a wide practice in Ogden and is one of the mainstays in the local Club, never missing a meeting, rain, shine or snow, and coming down from Ogden every time some matter of importance is brought up.

Victor Perry, Hepler, Utah, who was a student at Notre Dame in 1927-28 lives about 125 miles south of Salt Lake. Last summer Victor was a member of the Hepler City baseball team and lead the Utah Independent League in batting and also maintained a high fielding average.

Some of the other prominent members are Major Francis J. Torney who is a product of old St. Edward's and who is now a retired major in the United States army has charge of the Salt Lake recruiting office and has developed the station into one of the finest in the whole army service.

Cy Harbeke, 64 F. Street, Salt Lake City, former Notre Dame baseball player, has also been wielding the big stick in Salt Lake for a number of years and is also to be seen wherever the Notre Dame bunch gets together.

Frank Smyth, 625 25th St., Ogden, was at Notre Dame in the early days. He has been in the hotel and real estate business in Ogden for several years. It was quite by accident that he was found to be an old Notre Dame man, and since he joined the Club he has been for Notre Dame one hundred per cent.

The Club has two honorary members on the roster. These men were elected by a unanimous vote of the organization two years ago. One is Mr. Otto Enking, who is the head of the telegraph department of the Union Pacific Railroad in Salt Lake. He is the father of Clement Enking, '29, who is now practicing law in Sierra Madre, Calif. Mr. Enking is one of the best billiard players in the intermountain country, and whenever the boys meet he takes a few of the younger ones and shows them a few tricks of the game, so we are told.

The other elected honorary mem-

ber is Mr. John M. Brady, father of Ray Brady, who is superintendent of the city shops in Salt Lake. Mr. Brady, and Mr. Enking, have never missed a meeting since elected to membership, a record which even the regular members cannot duplicate.

George Falk, 1211 Third Avenue, Salt Lake City, an old student of Notre Dame, is in the advertising business and is one of the club's peepiest members.

Ed. J. O'Donnell, a student of 1924 and 1925, is with his brother in the undertaking business in Salt Lake.

WESTERN PENNSYLVANIA

Dr. Leo D. O'Donnell, Pittsburgh, Pa., has been named Chairman of a Committee appointed by James S. Devlin, Pittsburgh, President of the Notre Dame Club of Western Pennsylvania, to meet with candidates who are seeking admission to Notre Dame. Those who are serving on the Committee are: Joseph Bach, Edward Byrne, John Sheaty, Leo Vogel, John Reardon and James Devlin.

The Western Pennsylvania alumni have been concerning themselves during the past months to the interests of the Rockne Memorial Fund.

Brothers of Holy Cross

Brother Lawrence, C.S.C., known to many generations of Carrollites as a prefect in their hall, died at the Community House, Notre Dame, January 15, after a brief illness. Born in Canada, Theodore McClymont, he was received into the Congregation of Holy Cross, December 8, 1873—nearly sixty years ago.

Brother Ernest, C.S.C., of Cathedral High School, Indianapolis, has written "Our Brothers," a pioneer volume in its field. It contains brief histories and other information about the sixty-four Brotherhoods engaged in teaching and other activities in the United States. The book is published by Scott, Foresman and Company.

Brother Norbert, C.S.C., instructor in mathematics, at St. Edward's University, Austin, Texas, is conducting a column dealing with problems in mathematics and their solution, in the *Catholic School Journal*, a widely-circulated monthly, published in Milwaukee.

"Libraries? No. Librarians!" is the title of an article which Brother Ernest, C.S.C., librarian of Cathedral High School, Indianapolis, contributes to the current issue of the *Catholic Library World*, the official organ of the Catholic Library Association.

THE ALUMNI

"Albert" the old workman, beloved by the students of the past twenty-five years, passed away January 2. He was buried January 4. Rev. Charles L. O'Donnell, C.S.C., President of the University, sang his requiem mass in Sacred Heart Church. Burial was in Cedar Grove cemetery.

1864

'64—JOSEPH DIETRICH, pioneer settler in North Dakota, died recently in Bismarck following a heart attack. Mr. Dietrich has been a resident of the North Dakota capital for 61 years. He is survived by his widow and two daughters, Mrs. P. E. Byrne, Bismarck, and Miss Mabel Dietrich, Los Angeles, Calif.

1880

'80—PHILIP H. VOGEL, of Columbus, Ohio, died February 23, in Columbus, according to word received by the Alumni Office recently. No details have been obtained. Mr. Vogel was a student at the University from 1877 to 1879.

1886

'86—Dr. HENRY B. LUHN, widely known surgeon, died at Moscow, Idaho, February 10, while visiting in the home of his daughter. Death was caused by influenza. He was 64 years old.

Dr. Luhn entered Notre Dame in 1883 when only 16 and graduated three years later. He has the distinction of being captain of Notre Dame's first football team. Dr. Luhn completed his medical work at the University of Pennsylvania, graduating in 1890.

He is survived by two daughters, Mrs. John W. Sheehy and Mrs. C. L. Lavigne, one brother, LT. COL. W. L. LUHN, '87, Portland, Ore. His wife died as the result of an automobile accident on December 31, 1931. At the time of his death Doctor Luhn was a resident of Spokane, Washington.

1898

'98—Rev. THOMAS HENNESSY, C.S.C., Louisville, Ky., died January 22, following a several week's illness with a throat ailment, complicated by erysipelas.

Father Hennessy was born in 1873 at Kilmallok, County Limerick, Ireland, and after studying in France and Rome, came to the United States when a young man. In 1927 he went to Louisville as pastor of St. Mary Magdalene Church, where he served two years; was for a time assistant

at St. Francis of Assisi Church, and within the past year acted as chaplain for St. Helena's School, Louisville.

Father Hennessy is survived by a brother, Rev. JOHN HENNESSY, C.S.C., '02, Bengal, India, and three sisters, all members of the Holy Cross.

1894

'94—An editorial in the January 20, 1931 issue of the *New York Times* tells of the success in Northwestern farming achieved by Mr. FREDERICK E. MURPHY, publisher of the *Minneapolis Tribune*.

Eleven years ago, during a severe agricultural crisis, Mr. Murphy, no believer in Government aid, said: "Let us help ourselves." The Agricultural Credit Corporation of Minneapolis was organized to help the grain-grower not in good circumstances to buy dairy cattle and sheep.

Under the new system agricultural income jumped enormously, almost \$100,000,000 in a year. During the last two years, when farm and commodity prices again slumped the results are still satisfying in the Northwest. Mr. Murphy says:

"Farmers of the United States as a whole had an income of 1.03 per cent less than in 1911.

"The income of Minnesota farmers in 1931 exceeded their income for 1911 by 61 per cent.

1897

'97—Rev. JOHN A. MACNAMARA, Secretary of the Class of '97, is again in Mount Clemens, Michigan. Father Mac is enjoying the benefits of St. Joseph's Sanitarium, conducted by the Sisters of Charity. According to a recent letter to the Alumni Office, Father MacNamara is planning on spending Commencement at Notre Dame. All mail should be addressed to him, c-o St. Joseph's Sanitarium, Mount Clemens, Mich.

'97—GRANVILLE TINNEN, a student at Notre Dame in '93-4 is living in Jay Em, Wyoming. A letter to the *Football Review* was referred to the Alumni Office, the first communication from Mr. Tinnen in several years.

1903

'03—JOHN W. DUBBS, Mendota Illinois attorney, recently presented the University Law School with a collection of law books. Mr. Dubbs has also presented the School with a number of Volumes of American Bar Journals.

James Dubbs is following in his father's footsteps in the practice of law. He is a junior in the University.

'03—MARION J. PARKER dropped in the Alumni Office last month. Mr. Parker is in the painting and contracting business in Detroit. His address is: 1523 E. Congress, Detroit, Mich.

1912

'12—JOHN W. COSTELLO, assistant secretary of the Yellow Cab Company, Chicago, and a member of the law firm of Samuels, Costello & Greenberg, resigned from both organizations January 30 and on February 1 began a permanent association with Barrett, Barrett & Wermuth, attorneys, Chicago. John was with the Yellow Cab Company for 18 years as a member of its legal staff, and three years ago was elected assistant secretary.

1915

'15—A tragic accident December 29, 1931, caused the instant death of John Mathews, one and on-half year old son of Mr. and Mrs. JAMES MATHEWS, 4305 N. Humboldt Avenue, Milwaukee, Wis.

The child was thrown through the open window of an automobile in which he rode on his mother's lap, when the car overturned. The other occupants of the car were slightly injured.

'15—ALBERT A. KUHLE, who has been connected with the Travelers Insurance Company for a number of years as Manager of Agency Development and Life, Accident and Group Departments at Sioux City, Iowa, has recently been promoted to an executive position in the Chicago office of this Company. This represents a distinct recognition of Al's abilities and the members of his Class, and all Notre Dame men extend congratulations. The above note from the pen of JIM SANFORD.

1919

'19—GEORGE D. HALLER is associated with the law firm of Lightner, Hanley, Crawford and Dodd in Detroit.

1920

'20—THOMAS BEACOM, Jr., of Chicago was married to Miss Rosiland Mooney, of Hollywood, Calif., in the Log Chapel, Notre Dame, Jan. 8. Rev. THOMAS J. TOBIN, a classmate, read the ceremony. Tom was president of the Class in his Senior year, and organizer of the Students Activities Council.

Mr. and Mrs. Beacom will reside at 2600 Lakeview Ave., Chicago, after a trip to Bermuda.

'20—The Alumni Office is in receipt of a note from DAN ROBERTS who is living at 1923 First Avenue, Spokane, Wash.

'20—The following letter from a '20 grad from the sunny, sunny clime of Los Angeles (chorus from San Francisco alumni: "O yeah!") adds some spicy notes from that year.

Dear Jim:

The impolite reference in the last issue of the ALUMNUS quite naturally calls for some action on the part of last year's Secretary. I do not know who has been appointed to act during the current year but notice from the ALUMNUS that no change has been made in the 1920 masthead.

As far as news is concerned the principal and foremost is the marriage of TOM BEACOM at Notre Dame, the details of which have no doubt reached the ALUMNUS long before this. However, it is interesting to note that both Tom Beacom and PAUL CONAGHAN came to Los Angeles to find themselves brides. Tom Beacom and Paul Conaghan now become brothers-in-law by marriage.

I recently had a note from FATHER TOBIN, Chancellor of the Archdiocese of Portland in Oregon, advising of his trip to Notre Dame to perform the marriage of Tom Beacom and his bride.

CHARLIE CUSACK has been commuting between Chicago, Colorado Springs, and Cuero, Texas, and Los Angeles for the past two years. He has finally decided to settle down and make his home in Beverly Hills, California. Charlie did not heed in any way the statements of the local Chambers of Commerce but made his own independent investigations and reached the same conclusion in spite of the fact that Los Angeles recently had a tremendous one hour snow storm.

I note from the Chicago papers that LEO HASSENAUER, LL.B., '20, is on the committee to alleviate the conditions in Chicago with reference to keeping the schools open. He recently addressed a meeting attended by 25,000 school teachers at the Chicago Stadium. On the program with Leo were Mayor Cermak, Leo's associate in the practice of law, Donald R. Richberg, and many other prominent Chicago citizens. The program advocated by the committee headed by Leo Hassenaue is that State aid should be given Chicago in order to keep open the public schools and afford public education. Leo's picture appeared in quite a few editions of all Chicago papers. His of-

ficial title was Chairman of the Program Committee.

BODIE ANDREWS is in Los Angeles on a little business. Bodie makes his home in Oakland, California.

During the Christmas holidays LAWRENCE "BUCK" SHAW, MORRIS "CLIPPER" SMITH, and JACK MEAGHER spent some time here, later attending the meeting of the Pacific Coast conference, which was held in San Francisco. Clipper had the unusual experience in New Orleans of playing half a game in the daytime and half a game at night. The game was played on Thanksgiving day and this plan was suggested in order that the good people of New Orleans might have an opportunity to go home and have their Thanksgiving dinner and return afterwards to enjoy the remainder of the game.

With kindest personal regards, I am,

Very truly yours,

Leo B. Ward.

1922

'22—ROMAINE R. REICHERT was married to Miss Eloise Bringgold on January 25, in Minneapolis Minn. They are at home at 3125 Holmes Ave., S., Minneapolis, Minn.

'22—G. A. ASHE, otherwise known as "Kid" sends in some interesting news for the Class.

Scarcely had our appeal for help gone forth when we received a letter from EDDIE PFEIFFER who obligingly showers us with some interesting news about the boys in Louisville. Eddie says:

"The crazy dream you had, stirred me enough to write you. It would be fine to hear from each and everyone of the class. Nothing new or interesting has happened here in Louisville, so this will be the same.

"You mentioned FRANK BLOEMER, PHIL DANT, and PETE ECKERLE. Well, Bloemer is the big Chili man in town and has a growing business in Northern Kentucky and Southern Indiana. The life must be agreeing with him as he is getting fatter every day (Ed.—We trust this is a slight exaggeration for Frank's sake). Frank, as you know, is married and has a little girl two and one-half years old. Phil Dant is the furniture man around town, known as "Dant Brothers, Better Furniture." He likewise is the father of a little girl. PETE ECKERLE after wandering around Chicago, has returned to Kentucky and is with the Kentucky Highway Department in Frankfort. He comes to Louisville every week-end and I see him in church on Sunday quite regularly. Pete is still

single to the best of my knowledge. I am in the insurance business with Cornie (Fidelity and Guaranty Fire Corporation). I have a daughter also: There are no prospects for Notre Dame here.

"Well, Shorty, after you have read this far I know you are bored plenty, but I wonder if you ever hear anything of MATT WEIS or FRANK CONNELLY who were with us from 1918 to '21. Stir them up as I would like to hear from them and the rest of the class of '22."

Thanks for the news, Eddie, and may you inspire others of '22 to get a strangle hold on the old quill and give us some news of the boys in their vicinity. We know nothing of Matt or Frank Connelly, sorry to say, but maybe we can catch somebody off their guard long enough to divulge some information regarding them.

Now that everyone has ceased talking football for the present, we will break the spell long enough to offer as a prize one handful of Pittsburgh stogies (knowing we can't lose) to the person who can name a finer pair of ends than EDDIE ANDERSON and RODGE KILEY who performed for N. D. a little over a decade ago.

1923

'23—DAN J. REGAN has moved from Dallas, Texas, to Denver, Colo. He is located with the Pacific Finance Corp., and can be reached at the 530 Continental Oil Bldg., in Denver. He has, incidentally, been promoted to manager of the Denver office. Dan would like to get in touch with some of the N. D. men around Denver.

'23—JOSEPH NYIKOS is father of another daughter, Janan, born in January.

'23—FRANK WALLACE is working hard on his fourth novel in two years.

'23—J. STANLEY BRADBURY of Robinson, Illinois, has thrown his hat in the political ring. Stanley is seeking election as States Attorney of Crawford County.

1924

'24—HUGH C. BOYLE married Miss Ann McDonough in January and is living in Pittsburgh.

'24—ROBERT RIORDAN, Registrar of the University, read a paper, The Economy of Preparedness, before the members of the Faculty Club of the University at a recent meeting.

'24—THOMAS HODGSON has moved from Sleepy Eye, Minn., to St. Paul, Minn., c-o State Banking Department, Capitol Bldg. Tom has recently been appointed attorney for the State Department of Banking and will henceforth be making his home in St. Paul.

1925

'25—JIM EMSWILLER is Prosecuting Attorney of Hartford City, Indiana, and served in that capacity in the recent sensational case in which the Sheriff was alleged to be the leader of a bandit gang.

'25—WILLIAM NEVILLE, speaking of Prosecuting Attorneys, is P. A. of Genesee County, N. Y.

'25—JACK COURTNEY is with the Electro Refractories and Alloys Corp., and is living in Dearborn, Michigan. He is married and the father of two splendid children.

'25—JOHN P. HURLEY, Jr., is spending his honeymoon in Bermuda and the West Indies. He was married to Miss Marie Hahn of Cleveland, on January 30. RAYMOND CUNNINGHAM, another well-known member of the famous Class of '25, served as best man. GEORGE HAHN, brother of the bride, and one of the ushers at the wedding, is a former student of Notre Dame.

'25—PAUL C. ROMWEBER was married to Miss Katherine Conway on February 3, Philadelphia, Pa. They will be at home after May 1 at Batesville, Ind.

'25—RUDOLPH GOEPFRICH is the father of a daughter, born the first part of December, 1931. "Ruddy" and Mrs. Goepfrich are living in South Bend.

'25—Carol Erminie is the daughter of Mr. and Mrs. RICHARD L. MULLANEY. She was born January 15, and weighed nine pounds, two and one-half ounces. Dick says: "Our fourth."

'25—Dr. CHARLES E. GUTH in a recent letter to the Office, announces the birth of a girl, born January 10. Dr. and Mrs. Guth and family are living in Elyria, Ohio.

'25—The following typical note from GEORGE CHAO, a most loyal and interested alumnus, follows:

"Dear Jim:

"Please kindly excuse me for not writing you for a long time. Here is some news. I met last fall Mr. LOUIS P. HARL in Paris. I was kindly received by him and we visited together 'l'exposition coloniale' in Paris and talked much of Notre Dame. I read recently the autobiography of Rock with genuine pleasure. I got three impressions from the book: Mrs. Rockne gives us a touch of pathos; Father Cavanaugh made the tragedy story a very pleasant reading with his supernatural style, and lastly Rock himself revealed to every Notre Dame man his true spirit of 'fighting Irish' which is familiar to us.

"Please tell me some news of Notre

Dame and yourself. How is Doc Cooney?"

George has moved from Fribourg, Switzerland to 28 rue des Joyeuses Entrees, Louvain, Belgium.

1926

'26—BERNIE WINGERTER's friends are congratulating him upon his promotion to Credit Manager of the New York office of the General Motors Acceptance Corporation. Several other Notre Dame men are in Wink's department, including BOB SHIELDS, '27, DAN CANNON, '30 and JOE CANNY, '31.

'26—LARRY KEEFE is assistant sales manager of the Tulip Cup Company, with offices in the Chanin Building, New York City.

'26—DOC GELSON, EDDIE FALLOON and BILL REID, all members of the Class of '26, have been named by the nominating committee of the Notre Dame Club of New York as candidates for the Board of Governors for the two year term. Election is scheduled for February 25.

'26—RICHARD (RED) SMITH is confined in the Beth Israel Hospital, Newark, N. J., following a successful operation. Red and Mrs. Smith are living at 36 S. Munn Avenue, East Orange, N. J.

'26—The versatile secretary, DR. JERRY HAYES, divides his spare moments between clinics in Manhattan and points on Long Island.

1927

'27—BILL COYNE, who has been connected with the Department of Speech while continuing his studies, is now in charge of the University Debating Team. As a veteran Breen Medalist and an ardent student under Father Bolger, Bill is well qualified to coach through a successful season.

'27—Judge AL DOYLE, brother-in-law of LESTER GRADY, '27, divides his time between the Mishawaka bench and his speech classes at the University.

'27—HARRY RYAN was a visitor in the Alumni Office early in January. He is studying for the Priesthood in Kenrick Seminary and will be ordained in the Summer.

'27—GERALD LYONS, who has been the editor of a newspaper in Rockville Center, N. Y., is now manager of the Harrisburg, Pa., branch of the Associated Press.

'27—ED DE CLERQ, Class Secretary, breaks a long silence, by sending in a fine long letter, waxing enthusiastic over the '27 Reunion (plans are already under way) and enclosing the following splendid Class Notes.

"It is my pleasure to see JOHN GEARY from time to time, as he lives just one block away from your most humble Secretary. Johnny apparently is quite prosperous in these hard times, as he drives around in a comparatively new coupe (make—unknown).

"Received a lengthy letter from MIKE McDERMOTT shortly before Christmas, and his old pals may be pleased to know that he is established in Seattle, Washington.

"Also heard from DAN McCLUSKEY recently, who is ever striving to save law-breakers from the law's clutches. It wasn't so long ago that he aspired to a position in Janesville, Wisconsin, wherein it would have been necessary to try to jail them. He, incidentally, took occasion to boast of Dan, the second, who by this time is about four months' old. Can't blame you a bit, Dan, as I have done plenty of that same thing for the past eleven months.

"I recently attended one of the weekly luncheons of the Notre Dame-Chicago Club and met ED RYAN, JIMMY JONES, ED GARRITY and BOB STEFFAN. All looked hale and hearty, although Jim looked rather worried about something. I wonder what?

Ed Garrity advanced the surprising news (old as it may be) that FRED DEUTSCH was married to Miss Mary Reeves last May 29th. Congratulations, even though tardy and wishes for every possible happiness to you and Mrs. Deutsch.

"Heard a rumor to the effect that JACK PATTEN is soon to be married. Please let me know when it happens, Jack.

"Sometime ago (sorry, Jim), I received word from JIMMY JAY. He was then writing continuity and radio plays for Station WLW Cincinnati, Ohio. In addition he was taking part in a detective play called "Crimestlights" every Tuesday night. Jim would appreciate a word as to the quality of his productions from any of you who can tune in WLW.

"Now any of you fellows who have any news to pass along, please drop me a line, because, as I assured Jim Armstrong, I took but one New Year's resolution and that was to write him every month whether I had any notes for him on the Class of '27, or not. Hope it won't be necessary to send him a blank letter at anytime during the whole year."

'27—Miss Rita Marie O'Shea was married to DANIEL FRANCIS CUNNINGHAM, Jr., on January 20, Forest Hills, Long Island, N. Y.

'27—WILLIAM M. HOLLAND, Jr., married Miss Kathryn Kavanagh on Saturday, February 6, at Notre Dame, Ind.

'27—Senorita Luz Elena Marti became the bride of FERNANDO TREVINO according to a recent announcement from Mexico.

'27—Mr. and Mrs. PHILIP E. DOELL announce the birth of a son, Philip Martin, on January 9.

'27—LUTHER SWYGERT'S friends will be interested in learning of his marriage to Miss Mildred Kercher, of Chicago. The wedding took place October 10.

Mr. and Mrs. Swygert are residing in the Cordova Court apartments, Hammond, Indiana, where the groom is deputy prosecutor.

'27—The third member of the House of BEIRNE, ROGER, is a junior at Notre Dame, member of the Varsity football squad and prominent in University theatricals. His brothers, PETER and JOHN are active in the Alumni Association. They may be located at 73 Sherman Court, Fairfield, Conn.

'27—Mr. and Mrs. JOSEPH McGEE are the parents of a girl, Mary Grace, who was born during the holidays.

'27—A letter from BOB BARTL gives us some dope on some of the boys. Bob says:

"Did you know that JOE MURPHY is the father of two fine children? AUGGIE GRAMS has one of which you no doubt have heard. KARL SCHAEFFLE has the future N. D. fullback under his roof at present. I have a little girl two years old now who can ask plenty of questions. . . . Yes, I'm still working. I am affiliated with the LaCrosse Rubber Mills Company and let me tell you—business is picking up."

1928

'28—Coach WILLIAM BLAKELY JONES, having completed a most successful season as Director of Athletics at Mount St. Charles College, Helena, Montana, came back to Notre Dame the latter part of January for a short visit. Bill is singing the praises of the great West and is enthusiastic over the work at Mount St. Charles. He is practicing law when not teaching the "Notre Dame system."

Rumor has it that Bill is now on a speaking tour of the State with Bishop George J. Finnigan, '10.

'28—JOHN T. CULLINAN was recently appointed assistant City Attorney of Bridgeport, Conn. He was formerly associated with the former City Attorney in the practice. An interesting angle to the appointment is the fact that the Mayor who made the appointment had the pleasure of naming John's father, the late Thomas

M. Cullinan to the position of city attorney over twenty years ago.

Besides his degree from Notre Dame, John holds a degree from the Yale Law school.

'28—JOHN "BOTTS" CROWLEY is connected with the A. G. Spaulding & Bros., athletic outfitters, Cincinnati, Ohio, according to a recent letter to the Office.

'28—EDWARD A. TEHAN, Jr., announces that a demonstration of free squealing may be obtained by calling at 2109 Elmwood Ave., Springfield, Ohio, after February 20. Edward Allan was born February 6.

'28—BUCKY DAHMAN is back at Notre Dame to take some extra class work, having recent resigned as head football and basketball coach at St. Viator's College.

'28—HENRY "AL" HUDSON, was married January 23, in the Log Chapel at Notre Dame. Mrs. Hudson was formerly Miss Helen C. Phillips. PAUL FENLON '19, was best man and Rev. KERNDT HEALY, C. S. C., '15, performed the ceremony.

'28—LEO FETTIG was married to Miss Lenora M. McKenzie on January 26 in the Log Chapel, Notre Dame. Rev. Theodore V. Fettig, brother of the groom, performed the ceremony.

The couple were married at the side altar in the chapel made from a bureau which has been in the bride's family since 1725 and had been used as an altar by Father Badin.

They will reside in Elwood, Ind.

'28—Miss Ann Dorothy Donohue became the bride of LEO J. SCHULTHEIS on February 6, at St. James Church, Louisville, Ky.

'28—MILLARD PHILIP FRANZ, formerly of Friend, Nebraska, was found dead in a car parked on a highway near New York late last Fall, according to information received in the Alumni Office. No details concerning the tragedy have been learned. He was apparently the victim of a holdup. Millard was a student at Notre Dame from 1924 to 1927.

'28—Friends of JOSEPH DENIS MURPHY will regret to hear of his death on February 7, in Detroit, Michigan. Joe had been ill since graduation.

'28—RAY LAWLER sends in a newsy letter concerning some of the fellows who graduated in '27, '28, '29 and '30. He says, in part:

"Announcement has been made of the marriage of JOSEPH HORAN and Elizabeth Carmichael of Schenectady. DeKalb is Joe's home town. Since his graduation in '28 he has been living in Schenectady and working for General Electric, I believe.

"I have seen AL WELZENBACH

'30 and JERRY DECLERQ '28, both of whom put in their time for Standard Brands . . . Fleischman's Yeast to you and you and you. MORT GOODMAN '30 is still aspiring to be Chicago's largest real estate operator. J. J. MCCORMICK '29 of Detroit passed the Michigan Bar and has his offices in the Penobscot Bldg., in that city. He says that he isn't married yet, but I know that he might just as well be. TOM KERRIGAN '30 is working days and going to school nights. He is taking law. So is JOHNNY HOULIHAN. JOHN CONLIN '27, also of DeKalb, has been happily married for over a year and is still engaged in helping his father in the Hay, Grain, Feed and Coal business. I hear from reliable sources that GENE SCHWARTZ '27, is running for public office on the Democratic ticket in DuPage County.

'28—"Speaking of roommates, I must mention that JOE BRANNON was in to see us a few times this month. Joe is with the Advertising Department of Sears, Roebuck and Co., and works out of their Chicago offices. He has just returned from a Western business trip which included the states of Washington and California. Next month he goes South to New Orleans.

'28—"TOM LAVELLE broke his long silence by coming through with a most interesting letter from Anderson, Indiana. Tom didn't say much about himself but suggested a "Do You Remember When" column for this section. I think it is a great idea and intend to publish some of the material he sent in this column next month. The Alumni Secretary informs me that this is a 'depression' issue so I must economize on space."

'28—"JOE JOHNSON who is with the National City Bank in the troubled war-stricken areas of China in a recent message to a friend wrote: 'Thus far I have escaped without injuries. The fighting is terrific, however, and all of us are in grave danger. We can see the bullets fly from the roof of the hotel, and it is common to see Japanese or Chinese fall dead to the ground from machine gun fire or snipers' bullets.'

'28—Mr. and Mrs. JAMES HAYWARD have another daughter, born February 14. Haywards now have one son and two daughters.

'28—BILL ARMIN who was known in his undergraduate days for his accounting fame is back at Notre Dame in the office of the Treasurer of the University. Bill is more than busy with his new work.

'28—LOUIE BUCKLEY, famous Class Secretary, adds a few Notes for the '28 boys. Louis says: "My

old roommate, WILLARD WAGNER, is back in South Bend after having spent two years in New York. Wag just couldn't stay away from the South Bend girl friend so is here preparing to take the Indiana Bar examination. It seems natural to see Wag when one drops into Hully & Mike's for a few minutes.

1929

'29—Word has been received of the death of Lieut. F. X. KELLY, formerly of Brooklyn, N. Y. He attended Notre Dame in 1925-26.

'29—WILLIAM R. LAUGHLIN was married early this year to Miss Rose Amen of Grand Island, Neb. Bill and his bride are living at 1408 Buchanan St., Topeka, Kansas, and if this information is incorrect blame brother Joe Laughlin, senior law student at Notre Dame. The dope is from him.

'29—Mr. and Mrs. Arthur Judge announce the marriage of their daughter, Cecelia, to LINUS CLEMENT NIEMEYER on Monday, December 28, 1931, at St. Cecelia's Church, Ames, Iowa.

'29—The Chicago *Tribune* informs us of the marriage of Genevieve Steffy to RICHARD PAUL MOODY. Dick has been on our "unclaimed" list for about a year. An address for the Moodys will be appreciated.

'29—DONALD O'BRIEN married Miss Gladys Christine Pell on January 9, 1932. They are living at 5101 39th Ave., Sunnyside, Long Island, N. Y.

'29—JOHN ROURKE, Jr., and Margaret Healy Rourke are the parents of a son, born in December and named Anthony John. There are three daughters.

Dear Jim:

The Class of '29 doesn't seem to rate very much ink in your publication, but I suppose it isn't exactly your fault. Here are some remarks which you might be able to use if you care to—

WILL BUTLER, 1538 Elmwood Ave., Lakewood, Ohio, is a banker. At the United National Bank of Cleveland. Bill finds the banking business to be good. He is the head of a happy family and the proud father of a daughter. Bill writes that the following are also family men: JOHNNY MEAGHER, BUD CLARK, PHIL TOMPKINS, MICKEY McMAHON, and JOE KRAKER. Bill feels quite jubilant about Ray Miller's victory in the campaign for Mayor of the City of Cleveland. We recall Bill as being a fair politician about the campus, and it's not hard to imagine him working for Miller. To Bill's list of "married men" I can

add FRED MILLER, CHET BRUMLEVE, LARRY DE LEERS and PAT O'LEARY.

IVAN WOLF drove up here in a shiny new Ford which is indicative of the fact that A. & P. purchasing department in Youngstown isn't treating him badly.

JACK DONOGHUE and CHARLEY SCHUTTY are located in West Allis and show up regularly for the Milwaukee Club activities. CLARK STANHOPE is with the Wisconsin Bell Telephone Co. at Beloit, Wisconsin and doing right well. My brother Gene is with the research department of the A. O. Smith Corporation here in Milwaukee. JEAN LABOULE topped off his law work at the University of Wisconsin by taking a trip abroad, and I hear he is planning on assuming real estate distribution problems. PAUL HOLAHAN is auditing for the Ohio Bell Telephone Company.

All for hearing more about the Class of '29.

Sincerely,

Ang. Galdabini.

1930

'30—DONALD VOSS has taken unto himself a wife. The girl is the former Miss Virginia Cooper. They are living in Elkhorn, Wis.

'30—BERNIE CONROY contributes the following:

Dear Jim:

I am enclosing a clipping of HUGHIE BOYLE'S wedding and I also know that CHARLEY SULLIVAN is married and living on Riverside Drive here. He is working for General Motors Acceptance Corp.

JOHN V. MORAN is manager of the Pratt Coal Company, of Taunton, Mass. John was a nominee for the School committee of Taunton, but I have not heard how the people voted.

The news from New Orleans is that JIM FAVRET has been a valuable aid to his father, who is a prominent contractor in that city.

HARRY MAGNER is operating a department store in Bridgeport, Conn.

I met FRANK MOSHER at a New York Club meeting last week. Frank has a job with the city and he is helping to keep the subways running.

GEORGE McDONALD and ED YORKE are attending Cornell Medical School here in New York.

From Oklahoma we learn that JIM BURKE is doing fine with The Boardman Company of Oklahoma City and HASKELL ASKEW has a position with the State.

ED CRONIN can still be found in South Bend. He keeps the Bendix Stromberg Carburetor Company in running order.

JOHN BELJON played a prominent part in this year's Prom. This year

his "In Araby" was presented during the evening in the Arabian decorated dining hall. John's favorite "My Prom Sweetheart" helped FRANK CARIDEO through that dance in "The Spirit of Notre Dame." Broadcasting on WGAR, playing the organ at Our Lady of Peace Church, and booking bands keeps Beljohn busy in Cleveland.

Notre Dame was well represented at the coaches meeting. The fellows are finding it tough to locate in that business, too.

I get to see WATTS EICHER now and then. We had hopes of having him in here with us, but I believe he will locate in Tudor City Apartments.

I was sorry to hear the way things have been going with the Association. I can't understand why the fellows can't get their dues in at least. I'm sure they get at least fifty cents worth of pleasure out of each issue of the ALUMNUS. However, it is a tough world this year and we are all plenty worried.

Best of luck and don't forget the address—1055 Park Avenue, New York City.

Bernie Conroy.

'30—PHILIP P. DI GIORGIO was married to Miss Carolyn Major of Ridgewood, N. J., January 29. FRED DAVIS, '30, JIM ROURKE, '31 and HARLEY McDEVITT, '29, were among the ushers.

'30—JOHN CRAWFORD (Buster) REDGATE and Miss Mary Catherine Hollister are engaged to be married. No date announced.

'30—WILLIAM MAY has just undergone an operation.

'30—WILBUR CULP is located in Cincinnati, Ohio, where he is attending the University of Cincinnati. He is doing graduate work in chemistry and hopes to finish in June. The address is: 2606 Highland Ave., Cincinnati.

1931

'31—JAMES J. HUGHES is a freshman medical student at Ohio State. His address is: Alpha Kappa Kappa House, 199 W. 10th Ave., Columbus, Ohio.

'31—THOMAS F. GOLDEN writes from Butte, Montana to say that he is selling for General Electric and the "prospects for future happiness are reasonably good." Tom says he would like to hear from any of the fellows in his vicinity.

'31—EDWARD R. BRENNAN is a member of the South Bend Tribune staff.

'31—LAWRENCE (MOON) MULLINS will take over the position of head coach and Athletic Director of St. Benedict's College, Atchison, Kansas, beginning in September, 1932.

'31—EUGENE COYLE passed the C. P. A. exam in Chicago, Ill., recently, the first time Gene had taken the exam.

'31—JOHN BOLAND reports the following:

"I hear that BILL LEAHY took the C. P. A. exam in Chicago with GENE COYLE. LEN HORAN is studying for his master's degree at Loyola, while working with the United Charities in Chicago. NICK BOHLING, VERN KNOX, BOB PRENDERGAST and JIMMY RICH are all studying law at Kent. ED RYAN is doing the same thing at DePaul. BILL LEAHY is clearing up the tax situation in Cook county in the Highway department. ROY BAILIE is connected with the Firestone Company in New York and from all reports is doing very well. BOB BAIR is selling insurance while JERRY CROWLEY is traveling for the O'Brien Varnish Company, after having spent a very enjoyable Summer touring Europe. BERT MALONEY is operating a gasoline station in Chicago, while DAN HALPIN is doing publicity work for Universal Pictures. BOB NEYDON is working in the Hudson department store in Detroit.

"JACK RIEDELL writes in that he composes the bread line in Paris, Ill. He reports that KARL SCHERER is going to school at Rochester University and that JIMMY MADDEN is in the Medical school at St. Louis.

"These few notes compose my entire stock of knowledge concerning the Class of '31 and I'm going to make an appeal to the fellows to send on any notes which they pick up concerning any member of the Class."

'31—Miss Margaret Moran of Staunton, Virginia, became the bride of GEORGE CARL HILLENBRAND on January 5, in St. Francis Church, Staunton. WILLIAM A. HILLENBRAND, '27, served as his brother's best man and JOHN W. HILLENBRAND, '25, was one of the ushers. Mr. and Mrs. Hillenbrand sailed January 9 for a Mediterranean cruise, to be away several months. They will be at home in Batesville, Indiana.

'31—An interesting letter from HARRY E. KENNEDY tells of his experiences in Buenos Aires. Harry says: "Since my graduation I have travelled many miles to try to locate myself in the field of my chosen career. I came to Buenos Aires August 29, 1931, and after a thorough search of almost a month I found a trial position in the Firestone Company of Argentine. I had interviewed some of the largest American companies

here and many of them suggested that I return to the States in order to save time and money. I was determined to find something here because I felt there must be at least one position in such a large city.

"In my interview with the manager of the Firestone Tire and Rubber company here, I encountered a novel experience. It was like taking my college examinations all over again. He wanted to know why I came here, what I had studied and where I went to college. He asked me many questions concerning economics, market-inf, accounting and the business field in general. Finally, after several visits to his office he offered me a trial position in the accounting department for a month. I have been here since the 7th of September. The work is very exacting but I like the place very much. . . .

"The country is very modern. In fact, it reminds me very much of New York. The city has new improved subways and beautiful parks, plazas and wide avenidas. The people are wonderful to me and I am learn-

ing Spanish quite well. I have met many Americans but so far know only one Notre Dame man. He is JULIO ARCE, '00. I am living with him. . . . My three months here seem more like three weeks. I expect to remain here about three years before I return to the States for a visit, and then I may come back at the end of a vacation at home."

'31—JOHN B. Law, former football captain and a graduate of the Class of 1931, is the proud father of an eight pound son, born at Yonkers, N. Y., February 18. Johnny is doing very well in the life insurance business as an associate of The John C. McNamara Organization.

1932

'32—THOMAS YARR was married February 3 in Chicago. The girl was the former Miss Rosemary Killen of Chicago. FRANK LEAHY, '32, was the best man. Tom will be a member of next year's coaching staff at Notre Dame. The Yarrs expect to make their home in South Bend.

PAYMENT OF DUES BY CLASSES DRAW YOUR OWN CONCLUSIONS!

No. Living Dues				No. Living Dues			
Class	Members	Paid	Pct.	Class	Members	Paid	Pct.
1913	68	29	.426	1918	62	16	.258
1931	460	188	.408	1909	43	11	.255
1896	15	6	.400	1916	75	19	.253
1900	18	7	.388	1886	8	2	.250
1926	279	108	.387	1908	40	10	.250
1930	399	154	.387	(Of the remaining Classes, not 1 in 4 paid)			
1897	16	6	.375				
1920	83	31	.373				
1912	58	21	.362	1927	362	88	.243
1880-85	25	9	.360	1894	25	6	.240
1904	42	15	.357	1901	21	5	.238
1911	66	21	.318	1906	38	9	.236
1890-93	57	18	.315	1905	17	4	.235
1899	16	5	.312	1889	13	3	.230
1923	170	53	.311	1922	158	36	.227
1925	314	97	.308	1924	248	55	.221
1898	17	5	.298	1914	82	18	.219
1915	67	20	.298	Before 1880	30	6	.200
1903	27	8	.296	1887	10	2	.200
1910	38	11	.289	1919	46	9	.195
1917	105	28	.266	1895	33	6	.181
1928	463	122	.263	1902	32	5	.156
1929	471	124	.263				
1921	93	17	.260	Totals	4757**	1422	.298

** Exclusive of Religious and Summer School Graduates.

LOCAL ALUMNI CLUBS

NOTRE DAME CLUB OF AKRON—Dr. Pat C. Doran, '23, 111 S. Maple St., President; Glenn Smith, '27, 104 Oakdale Ave., Secretary.

NOTRE DAME CLUB OF ARIZONA—James D. Barry, '97, 82 W. Pennington St., Tucson, President; Steve Rebell, '25, 620 N. Sixth St., Tucson, Secretary.

NOTRE DAME CLUB OF ARKANSAS—Rev. Geo. F. X. Strassner, '14, Hope, President; Burt L. Roberts, 1325 Lincoln Ave., Little Rock, Secretary.

NOTRE DAME CLUB OF BENGAL—Rt. Rev. Timothy Crowley, C.S.C., '02, Dacca, President; Rev. J. J. Hennessey, C.S.C., Dacca, Secretary.

NOTRE DAME CLUB OF BOSTON—Joseph A. Gartland, Jr., '27, 60 Congress St., Boston, President; Maurice Cohen, '27, 32 N. Pleasant St., Taunton, Mass.

NOTRE DAME CLUB OF BRIDGEPORT—John M. Murphy, '27, 86 Liberty St., Bridgeport, Conn. (temporary chairman).

NOTRE DAME CLUB OF BUFFALO—Martin Ryan, '28, 21 Orchard Place, Buffalo, President; C. J. Irwin, Jr., '29, 325 Washington St., Buffalo, Secretary.

NOTRE DAME CLUB OF THE CALUMET DISTRICT—Luther M. Swygert, '27, Suite 305 Hirsch Bldg., Hammond, Ind., President; Pat Maloney, '16, Crown Point, Ind., Secretary.

NOTRE DAME CLUB OF THE CAPITAL DISTRICT—J. J. Meehan, '24, 70 Robinson St., Schenectady, N. Y., President; Walter A. O'Brien, '31, 292 Sherman St., Albany, N. Y., Secretary.

NOTRE DAME CLUB OF CHICAGO—James H. Brennan, '20, 111 W. Monroe St., Chicago, Ill., President; James McNicholas, '25, Room 1048, 38 S. Dearborn St., Chicago, Secretary.

NOTRE DAME CLUB OF CINCINNATI—E. C. McHugh, '09, P. O. Box 429, President; W. D. Morrissey, '26, Catholic Charities Bureau, Secretary.

NOTRE DAME CLUB OF CLEVELAND—John Butler, '27, 16911 Edgewater Dr., Lakewood, Ohio, President; George Kerver, o. s. '20, El. '30, 1381 Granger, Cleveland, Secretary.

NOTRE DAME CLUB OF THE CONNECTICUT VALLEY—William J. Granfield, '13, State Bldg., 1200 Main Street, Springfield, Mass., President; James A. Curry, '14, 647 Main St., Hartford, Conn., Secretary.

NOTRE DAME CLUB OF DAYTON—Joseph B. Murphy, '11, 309-15 Mutual Home Bldg., President; William Kavanaugh, '27, 244 Grafton Ave., Secretary.

NOTRE DAME CLUB OF DENVER—David Hickey, '28, 1515 Grant St., President; O. L. Hough, '27, 1575 Race St., Secretary.

NOTRE DAME CLUB OF DES MOINES—Earl Walsh, '22, Des Moines Catholic College, President; Charles H. Lynch, '28, 1429-13th St., Secretary.

NOTRE DAME CLUB OF DETROIT—John E. Moore, Detroit, Mich., President; Paul J. Dooley, '25, 148 Pallister, Detroit, Secretary.

NOTRE DAME CLUB OF DISTRICT OF COLUMBIA—Dr. J. A. Flynn, El. '12, 1511 R. I. Ave., N. W., Washington, President; James D. Hayes, 5115 Eighth St., N. W., Washington, Secretary.

NOTRE DAME CLUB OF ERIE, PA.—Richard D. Daley, '17, Erie Daily Times, President; Thomas Barber, '24, 416 Newman St., Secretary.

NOTRE DAME CLUB OF FORT WAYNE—Frank J. Gilmartin, '01, 336 W. Wooland Ave., President; Robert Ergeman, '30, 1201 First Natl. Bank Bldg., Sec'y.

NOTRE DAME CLUB OF FOX RIVER VALLEY—John W. Diener, '09, 735 S. Quincy St., Green Bay, President; John Gallagher, o. s. '25, Shawano, Secretary.

NOTRE DAME CLUB OF GRAND RAPIDS, MICH.—George E. Ludwig, '25, 328 Glenhaven Ave., N. W., President; Raymond J. Bonini, '27, 2460 Oakwood Dr., S. E., Secretary.

NOTRE DAME CLUB OF HAMILTON, OHIO—M. O. Burns, '86, 338 S. Second St., President; Marc A. Flehrer, '27, 701 Rentschler Bldg., Secretary.

NOTRE DAME CLUB OF HIAWATHA LAND—Henry J. Lauerman, '23, 1327 Sheridan Rd., Menominee, Mich., President; Meredith Doyle, '26, 930 Sheridan Rd., Menominee, Mich., Secretary.

NOTRE DAME CLUB OF HOUSTON—M. E. Walter, '14, 1702 Stuart Ave., Houston, Texas, President; T. F. Green, Jr., '27, 407 Sterling Bldg., Houston, Texas, Secretary-Treasurer.

NOTRE DAME CLUB OF INDIANAPOLIS—J. P. McNamara, '29, 231 Wisconsin St., President; Walter Houppert, '25, 343 N. Arsenal Ave., Secretary.

NOTRE DAME CLUB OF JOLIET—Joseph Adler, '24, 318 Buell Ave., Joliet, Ill., President; John Berscheid, '29, 904 Mason Ave., Joliet, Secretary.

NOTRE DAME CLUB OF KANSAS CITY, MO.—Dr. D. M. Nigro, '14, 531 Argyle Bldg., President; Maurice Carroll, '19, 731 Linwood Blvd., Secretary.

NOTRE DAME CLUB OF KENTUCKY—Frank B. Bloemer, Jr., 126 E. Jefferson, Louisville, President; H. R. Dempf, '23, 400 M. E. Taylor Bldg., Louisville, Sec.

NOTRE DAME CLUB OF LOS ANGELES—John W. Wadden, '07, 7101 Sunset Blvd., President; Laurence A. Moore, '29, 928 S. Bixel St., Secretary.

NOTRE DAME CLUB OF LOUISIANA-MISSISSIPPI—P. E. Burke, '88, 307 Camp St., New Orleans, President; Cyprian A. Spurl, Jr., '28, Whitney-Central Bldg., New Orleans, Secretary.

NOTRE DAME CLUB OF MANILA—Alfonso Zobel, '24, c/o Ayala & Cia, 21 Calle Juan Luna, Manila, President.

NOTRE DAME CLUB OF MEMPHIS—Hugh Magevney, Jr., 1878 Union Ave., President.

NOTRE DAME CLUB OF MILWAUKEE—Wm. J. Redden, '14, 3525 W. North Ave., Milwaukee, President; Frank Holdampf, '28, 3317 N. Humboldt Ave., Milwaukee, Secretary.

NOTRE DAME CLUB OF MONTANA—Hon. Albert J. Galen, '96, 435 Clark St., Helena, President; James B. O'Flynn, '11, Great Falls, Mont., Secretary.

NOTRE DAME CLUB OF NASHVILLE—H. L. Claiborne, o. s., '18, 1720 West End Ave., Secretary.

NOTRE DAME CLUB OF NEBRASKA—J. H. Mithen, '92, 1413 City Natl. Bank Bldg., Omaha, President; Gerald J. Barrett, '22, 315 S. 37th St., Omaha, Sec.

NOTRE DAME CLUB OF NEW JERSEY—William Carter, '27, 68 Fourth St., South Orange, N. J., President; Joseph Nulty, '27, 1056 Arlington Ave., Plainfield, N. J., Secretary.

NOTRE DAME CLUB OF THE CITY OF NEW YORK—Hugh A. O'Donnell, '94, New York Times, President; Edward A. Byrne, '26, 26 Court St., Brooklyn, Sec.

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NOTRE DAME CLUB OF OKLAHOMA—Thomas F. Shea, o. s., '09, 902 Exchange Natl. Bank, Tulsa, President; Leo A. Schumacher, '13, King Wood Oil Co., Okmulgee, Secretary.

NOTRE DAME CLUB OF PARIS—Holders of Permanent Seats: Louis P. Harl, '16, Paris Office, N. Y. Herald.

NOTRE DAME CLUB OF PHILADELPHIA—Clarence J. James, o. s., '15, 712 Widener Bldg., President; Harry H. Francis, Jr., '30, 15 Spring Ave., Ardmore, Pa., Secretary.

NOTRE DAME CLUB OF PEORIA, ILL.—Dr. Joseph F. Duane, '99, 418 Jefferson Bldg., President; Albert F. Gury, Jr., '28, 704 W. Wilcox Ave., Secretary.

NOTRE DAME CLUB OF PORTLAND—Morrison A. Conway, '14, 1514 Vancouver Ave., President; L. B. Macnab, '25, 534 American Bank Bldg., Secretary.

NOTRE DAME CLUB OF ROCHESTER—C. Norbert Baglin, '19, 25 Arnett Blvd., President; Raymond D. Downs, '26, 46 Clinton Ave., S., Secretary.

NOTRE DAME CLUB OF ROCK RIVER VALLEY—Sherwood Dixon, '20, 120 E. First St., Dixon, Ill., President; J. Wilard Jones, '25, 122 Crawford Ave., Dixon, Ill., Secretary.

NOTRE DAME CLUB OF THE ST. JOSEPH VALLEY—Bernard Voll, '17, Sibley Machine Company, South Bend, Ind., President; William F. Sheehan, '24, 300 N. Main St., South Bend, Ind., Sec'y.

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NOTRE DAME CLUB OF SIOUX CITY—Vincent F. Harrington, '25, Continental Mortgage Co., President; John W. Rickord, '28, 1507 Virginia St., Secretary.

NOTRE DAME CLUB OF SYRACUSE AND CENTRAL NEW YORK—Jacob E. Eckel, '16, 121 Erie St., Syracuse, President; Frederick T. DeLany, '30, 200 Onondaga Ave., Syracuse, Secretary.

NOTRE DAME CLUB OF SOUTHWESTERN TEXAS—Joseph Menger, '25, 107 Catherine Court, San Antonio, President; Leonard Hess, '25, 228 W. Huisacke Ave., San Antonio, Secretary.

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NOTRE DAME CLUB OF TOLEDO—John P. Hurley, '25, 1420 Collingwood Ave., Toledo, President; R. L. Tillman, '25, 3259 Collingwood Ave., Toledo, Secretary.

NOTRE DAME CLUB OF THE TRI-CITIES—Richard B. Swift, '20, Kohl Bldg., Davenport, Ia., President; Henry M. McCullough, '20, 26 McCullough Bldg., Davenport, Ia., Secretary.

NOTRE DAME CLUB OF TRIPLE CITIES—Allen H. Maher, '28, 194 Washington St., Binghamton, N. Y., President; John D. O'Loughlin, o. s., '24, 506-7 People's Trust Company Bldg., Binghamton, N. Y., Secretary.

TWIN CITIES NOTRE DAME CLUB—Thomas F. Guthrie, '93, 1111 Nicollett Ave., Minneapolis, President; Leon Moes, '26, 1230 W. Minnehaha Parkway, Minneapolis, Secretary.

NOTRE DAME CLUB OF UTAH—Ray R. Brady, '24, 206 Kearns Bldg., Salt Lake City, President; H. E. Weiss, o. s., '06, 915 Kearns Bldg., Salt Lake City, Secretary.

NOTRE DAME CLUB OF THE WABASH VALLEY—Noble Kizer, '25, Purdue University, Lafayette, Ind., President; Peter Vogt, Secretary-Treasurer.

NOTRE DAME CLUB OF EASTERN PENNSYLVANIA—Leo R. McIntyre, '28, Bethlehem, Pa., Temporary Chairman; Charles B. McDermott, '27, Allentown, Secretary.

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NOTRE DAME CLUB OF WESTERN WASHINGTON—Dr. Clarence Shannon, o. s., '02; Stimson Bldg., Seattle, Wash., President; E. Morris Starrett, '14-'21, El. '23, 801 Washington St., Port Townsend, Wash., Secretary.

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THE WOMEN'S CLUB OF NOTRE DAME—Sr. M. Fidelis, O. S. U., '25, Ursula's Academy, Toledo, Ohio, President; Miss Sarah O'Neill, '27, The Rush-ton, South Bend, Ind., Secretary.

NOTRE DAME CLUB OF YOUNGSTOWN—James J. Kane, Jr., '25, 1018 First National Bank, President; Norman Smith, '24, 126 Roslyn Dr., Secretary.



"EYES" THAT GUIDE AIRCRAFT

SPEED with safety and dependability is the essence of airplane service. To-day's ship is safer in fog and darkness. Its "eyes" are in its instruments, and the equipment of a new monoplane recently purchased by General Electric is unique in that the instrument panel is almost completely electrified.

The ship is equipped with many electric devices: automatic steering, radio apparatus for communication and contact with directional radio range beacons, and a sonic altimeter to give accurate indication of height above the ground, regardless of visibility. The 300-horsepower engine is equipped with a G-E supercharger.

Other General Electric apparatus on the ship



includes an electric engine-temperature indicator and a selector switch, a magneto compass, a card compass, a drift indicator, a turn indicator, a tachometer, an oil-temperature indicator, an oil-pressure indicator, a voltmeter, control pulleys, landing lights, and an oil immersion heater.

These developments in air transportation were largely the accomplishments of college-trained engineers who received preliminary experience in the Company's Testing Department. Hundreds of college graduates join the ranks through this department, which trains them for electrical leadership on land, on sea, and in the air.

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SALES AND ENGINEERING SERVICE IN PRINCIPAL CITIES